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I N T E R W A T E R

DIRECTORY OF SOURCES OF
INFORMATION AND DOCUMENTATION
ON COMMUNITY WATER SUPPLY AND SANITATION

2nd revised edition
September 1986

INTERNATIONAL REFERENCE CENTRE FOR
COMMUNITY WATER SUPPLY AND SANITATION

The Hague The Netherlands



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INTERNATIONAL REFERENCE CENTRE FOR COMMUNITY WATER SUPPLY AND SANITATION

IRC is an internationally operating organization dealing with information and technology support for water and sanitation improvements. With its partners in developing countries and with United Nations agencies, donor organizations, and non-governmental organizations, IRC assists in the generation, transfer, and application of relevant knowledge. The focus of this co-operation is on the rural and urban-fringe areas where the need for technical assistance is greatest.

IRC's information-oriented programmes include: information support and services; technology development and transfer; manpower development and training; community education and participation; and programme evaluation and planning. Support is provided by means of publications and training material, seminars and courses, research and demonstration projects, as well as by advisory support to the development of national facilities.

Requests for information should be addressed to:

IRC P.O. Box 93190,
2509 AD The Hague,
The Netherlands.

isn 2482

I N T E R W A T E R

DIRECTORY OF SOURCES OF
INFORMATION AND DOCUMENTATION
ON COMMUNITY WATER SUPPLY AND SANITATION

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September 1986

INTERNATIONAL REFERENCE CENTRE FOR
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The Hague The Netherlands



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Introduction

This directory of organizations willing and able to supply information on community water supply and sanitation has been compiled to facilitate information exchange in developing countries. The first edition of the directory was prepared by IRC in 1983 in the context of its Programme on Exchange and Transfer of Information support and to improve exchange of information. Since then, on the basis of IRC current network contacts and also an extensive mail survey, the directory has been extended, updated and revised. The collection and processing of data has been a time consuming process which staff of information centres throughout the world and also at IRC have carried out with patience and dedication.

The more than 255 entries in the directory have been arranged per country according to the international coding for countries (see Appendix I). Each institution is given a separate entry with a two digit code and a prefix to signify whether it is a national, regional or international centre. The codes used for the regional and national centres are:

- XA Africa
- XE Europe
- XN North America
- XL Latin America
- XP Asia and the Pacific
- XW Middle East

- XZ International Centre

Each entry contains the following information about the organization:

- name and address;
- contact person;
- type of organization;
- total number of staff;
- working language(s);
- geographic area covered by the organization;
- main subjects/topics covered in the activities related to water supply and sanitation;
- details of the information section including information services provided;
- type of information services;
- network relations;
- other information.

In addition, in the top left hand corner of each entry is a code indicating the year and the month (for example, 85.11 - November 1985) when the information was last updated.

To extend the usefulness of the directory the following indexes are provided:

- list of Institutions arranged in alphabetical order according to the country coding;
- list of institutions arranged in alphabetical order according to country;
- subject index.

The subject index is arranged under the main categories of water supply, sanitation and related aspects of sociology, health, technology, institution, economics and finance, and manpower and training. Under each subject entry, organizations which are a source of information for that topic are listed.

However, not all organizations included in the directory have given detailed specification of the scope of these activities and therefore these organizations only appear under the more general heading in the subject index.

In order to provide as comprehensive a source as possible of information available on water supply and sanitation, a list of other directories of organizations involved in this sector is presented in Appendix II.

IRC hopes that this directory will stimulate direct contacts and exchange of information and experience between organizations in and concerned with developing countries. With the aid of computer facilities, IRC plans to revise and update the information in this directory on a regular basis. However, in order to do this we need to have regular contact with organizations entered in the directory and we need to establish contact with agencies not yet registered with us. For this purpose we are enclosing a questionnaire which we would appreciate, if on behalf of your organization you would complete and return to IRC. In addition to maintaining an up-to-date record of sources of information on water supply and sanitation we would be particularly interested to know of sources of education and training materials in this sector.

DIRECTORY OF SOURCES

83.12

Argentina
AR.001

ORGANIZATION:

INSTITUTO NACIONAL DE CIENCIA Y TECNICAS HIDRICAS
Centro Argentino de Referencia en Ingenieria Sanitaria y Ciencias del
Ambiente (CARIS)
Aeropuerto Internacional de Ezeiza, Casilla Postal 7, 1802 Buenos Aires
Argentina
tel: 2951445, 6200573/0855

CONTACT PERSON: Ing. Ricardo Roizen, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 12

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National; Regional

ACTIVITIES

Information and documentation services in the field of sanitary engineering
and environmental sciences. Delivering contributions to the development of
appropriate technology in these fields.

SUBJECTS:

water supply; water resources; re-use of water; water collection; water
quality; biological water quality; physical water quality; chemical water
quality; analysis; control; standards; water distribution; water use; water
treatment; sanitation; collection and offsite treatment; waste utilization;
wastewater disposal

INFORMATION SECTION:

Library holdings: 4,500 (+ 14,000 on microform)
Doc/info staff: 4
Journal titles: 80
Entry: Public

INFORMATION SERVICES:

Publications: Boletin de Informacion (Newsletter), Serie Bibliografico
Especiales, Catalogo Bibliografico (bibliographies)
Availability information: According to set charges, free of charge or on
exchange basis
Information supply by: Oral (phone or visit), mail, typed or printed
information, photocopies
Services provided: Request handling (direct and referral services), current
awareness, preparation of bibliographies, loans of documents, provision of
copied documents

NETWORK RELATIONS:

POETRI national focal point; Centro de Tecnologia del Uso de Aqua (ITUA)
member.

OTHER INFORMATION:

--

81.11

Argentina
AR.002

ORGANIZATION:
DIRECCION NACIONAL DE SANEAMIENTO AMBIENTAL

--
Defensa 120-5 p. of 5152, 1345 Buenos Aires
Argentina
tel: 346343

CONTACT PERSON: Mr. J.A. Alvarez

TYPE OF ORGANIZATION: --

TOTAL STAFF: 75

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Water quality control and surveying, water pollution, collaboration on drinking water supply and sanitation.

SUBJECTS:

water supply; water resources; water quality; control; sanitation; health aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 3

Journal titles: --

INFORMATION SERVICES:

Publications: Newsletter

Availability information: Free of charge

Information supply by: Oral (phone, visit), photocopies

Services provided: Direct request handling, photocopy services

NETWORK RELATIONS:

--

OTHER INFORMATION:

--

84.01

Barbados, West
Indies
BB.001

ORGANIZATION:
MINISTRY OF TRANSPORT AND WORKS
Barbados Water Authority
Pine, St. Michael
Barbados, West Indies
tel: 427-3990

CONTACT PERSON: Mr. Cyril Clarke

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 700

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Planning, design, construction, operation and maintenance and management of water works on water resources and sewage treatment and collection of revenue.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; biological water quality; physical water quality; chemical water quality; water distribution; house connections; pipes; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; water carried systems; waste utilization; fertilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 280
Doc/info staff: 3
Journal titles: 20
Entry: Public

INFORMATION SERVICES:

Publications: Annual reports, manuals
Availability information: Publications by arrangement and information services free of charge
Information supply by: Oral (phone or visit), mail, typing and photocopies
Services provided: Request handling

NETWORK RELATIONS:

--

OTHER INFORMATION:

--

81.11

Bangladesh
BD.001

ORGANIZATION:
BANGLADESH NATIONAL SCIENTIFIC AND TECHNICAL DOCUMENTATION CENTER (BANSDOC)

--
Mirpur Road, Dhanmondi, Dhaka 5
Bangladesh
--

CONTACT PERSON: Mr. Ahsar A. Biswas

TYPE OF ORGANIZATION: --

TOTAL STAFF: 40

WORKING LANGUAGE(S): --

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The BANSDOC serves as an infrastructure for an effective Research and Development programme as a part of the overall economic development of the country. It has been entrusted with the collection, processing and compilation of information and data in all fields of scientific research and experimental development; dissemination of such information to researchers active in all these fields; making information, the international resource, available to researchers, policy makers, planners, and managers for the ultimate good of economic and social improvement.

SUBJECTS:

water supply; technological aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 18

Journal titles: --

INFORMATION SERVICES:

Publications: Directory of scientists and technologists of Bangladesh, current scientific and technological research projects in the universities and research institutions of Bangladesh, national catalogue of scientific and technical periodicals of Bangladesh, scientific and technical periodicals of Bangladesh, Bangladesh science and technology index (annual)

Availability information: No restrictions, no charges

Information supply by: --

Services provided: Document procurement service, bibliography compilation service, documents reproduction service, translation

NETWORK RELATIONS:

--

OTHER INFORMATION:

--

ORGANIZATION:
BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY
Department of Civil Engineering
Dhaka
Bangladesh
tel: 502196

CONTACT PERSON: Dr. M. Feroze Ahmed, Associate Professor

TYPE OF ORGANIZATION: Local authority

TOTAL STAFF: 58

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Teaching, academic research, consultancy and advisory services.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water use; water treatment; physical water treatment; chemical water treatment; sanitation; onsite collection and treatment; pit latrines; collection and offsite treatment; ponds; waste utilization

INFORMATION SECTION:

Library holdings: 3,100

Doc/info staff: 2

Journal titles: 1,000

Entry: Restricted

INFORMATION SERVICES:

Publications: Reports (other than annual reports)

Availability information: Information services and publications by arrangement

Information supply by: Typed or printed information, photocopies

Services provided: Direct request handling

NETWORK RELATIONS:

--

OTHER INFORMATION:

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81.11

Bangladesh
BD.003

ORGANIZATION:

BANGLADESH ACADEMY FOR RURAL DEVELOPMENT
Health and Nutrition Program and Small Farmers Development Project
Comilla
Bangladesh

--

CONTACT PERSON: Zahirul Alam and Abdul Quddus

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): Bengali

GEOGRAPHICAL SCOPE: --

ACTIVITIES

--

SUBJECTS:

water supply; water collection; water distribution; water use; health aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: No restrictions, on exchange basis
Information supply by: Oral (visit), printed
Services provided: Direct request handling, current awareness services, advisory service

NETWORK RELATIONS:

--

OTHER INFORMATION:

--

81.11

Belgium
BE.001

ORGANIZATION:
APPROPRIATE TECHNOLOGY FOR DEVELOPING COUNTRIES (ATOL)

--
Blijde Inkomststraat 9, 3000 Leuven
Belgium
tel: (16) 224517

CONTACT PERSON: --

TYPE OF ORGANIZATION: --

TOTAL STAFF: 8

WORKING LANGUAGE(S): Dutch; English; French; Spanish; German

GEOGRAPHICAL SCOPE: --

ACTIVITIES
Technical advice.

SUBJECTS:
water supply; water supply; water treatment; sanitation; sociological
aspects; health aspects; manpower and training aspects

INFORMATION SECTION:
Library holdings: 4,000
Doc/info staff: 5
Journal titles: 70

INFORMATION SERVICES:
Publications: "Vraagbaak"
Availability information: Scale of charges
Information supply by: --
Services provided: Request handling (direct handling, referral services),
selective dissemination of information, promotion of information use
(advisory service)

NETWORK RELATIONS:
SATIS

OTHER INFORMATION:
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ORGANIZATION:
MINISTRY OF EDUCATION
Manama Public Library
P.O. Box 43, Bahrain
Bahrain, State of
tel: 258550

CONTACT PERSON: Mansoor Mohamed Sarhan, Head Public Libraries

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 15

WORKING LANGUAGE(S): Arabic

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Information reference services for the visitors, both Bahraini or foreigners.

SUBJECTS:

water supply; water resources; groundwater; water collection; dams; water quality; standards; water distribution; specials; water use; sanitation; onsite collection and treatment; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 12,000

Doc/info staff: 3

Journal titles: Approx. 150

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual reports, bibliographies

Availability information: Information services and publications by arrangement, free of charge

Information supply by: Phone, mail, visit, photocopies

Services provided: Direct request handling, selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

--

OTHER INFORMATION:

--

81.11

Benin
BJ.001

ORGANIZATION:
DIRECTION DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE
Departement de la Recherche Agronomique
Boite Postale 884, Cotonou
Benin
tel: 312274

CONTACT PERSON: --

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: --

ACTIVITIES

All types of research relative to the economic, social and cultural development. The forms of cooperation services offered include contract research, specialized testing services, joint research, analytical testing and calibration and extension services.

SUBJECTS:

--

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges

Information supply by: --

Services provided: Request handling

NETWORK RELATIONS:

--

OTHER INFORMATION:

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83.12

Benin
BJ.002

ORGANIZATION:
CENTRE NATIONAL D'AGRO-PEDOLOGIE
Boite Postale 988, Cotonou
Benin

--

CONTACT PERSON: A. Kogblevi, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES
Soil survey and land evaluation.

SUBJECTS:
water supply; water quality; analysis; sanitation; collection and offsite
treatment; composting; waste utilization; fertilization; biogas

INFORMATION SECTION:
Library holdings: Reports on water analysis
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:
Publications: --
Availability information: Publications by arrangement, information services
according to set charges
Information supply by: Visit, typed material
Services provided: Direct request handling, loans of documents

NETWORK RELATIONS:
--

OTHER INFORMATION:
--

83.11

Bolivia
BO.001

ORGANIZATION:
DIRECCION NACIONAL DE SANEAMIENTO AMBIENTAL

--
Plaza Franz Tamayo, La Paz
Bolivia
tel: 375473

CONTACT PERSON: Jose Antonio Zuleta Garron, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Activities in the field of water supply, excreta disposal, groundwater pollution and environmental management.

SUBJECTS:

water supply; water resources; groundwater; rainwater; water collection; wells; rainwater collection; biological water quality; physical water quality; chemical water quality; control; water distribution; public standposts; house connections; pipes; specials; pumps; water use; water demand; water wastage; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; wastewater disposal; health aspects; technological aspects

INFORMATION SECTION:

Library holdings: 10 reports
Doc/info staff: --
Journal titles: --
Entry: Restricted

INFORMATION SERVICES:

Publications: --
Availability information: --
Information supply by: --
Services provided: --

NETWORK RELATIONS:

--

OTHER INFORMATION:

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81.11

Bolivia
BO.002

ORGANIZATION:
CENTRO PARA EL DESARROLLO SOCIAL Y ECONOMICO (DESEC)

--
Casilla 1420, Cochabamba
Bolivia
tel: 21201

CONTACT PERSON: Juan Demeure

TYPE OF ORGANIZATION: --

TOTAL STAFF: 4

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Promotion on self-construction and dwelling improvement. Studies on water supply and sketching of construction plans. Promotion on community labour to carry out the projects as well as looking for complementary finance.

SUBJECTS:

water supply; water resources; water collection; water quality; water distribution; water use; sociological aspects; health aspects; technological aspects; institutional aspects; economic and financial aspects;

INFORMATION SECTION:

Library holdings: One library
Doc/info staff: 1
Journal titles: --

INFORMATION SERVICES:

Publications: AYNI (rural newspaper)
Availability information: On exchange of our rural newspaper AYNI with other publications
Information supply by: --
Services provided: Request handling, current awareness services, photocopy services, abstracting and indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Bolivia
BO.003

ORGANIZATION:
CENTRO NACIONAL DE DOCUMENTACION CIENTIFICA Y TECNOLOGICA (CNDCT)

--
Casilla Postal 3283, La Paz
Bolivia
tel: 359586/7

CONTACT PERSON: Lic. Hugo Loaiza Teran, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 10

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The CNDCT provides information and documentation services on science and technology.

SUBJECTS:

water supply; health aspects; technological aspects

INFORMATION SECTION:

Library holdings: Approx. 1,000

Doc/info staff: 8

Journal titles: 200

Entry: Public

INFORMATION SERVICES:

Publications: Bibliographies on various topics, mostly on (public) health sciences

Availability information: Scale of charges and on exchange basis

Information supply by: Oral (phone, visit), public library and reading facilities, printed, photocopies, microformat

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness service, preparation of bibliographies and reading lists, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Brazil
BR.001

ORGANIZATION:

CIA. DE AGUA E ESGOTO DA PARAIBA (CAGEPA)

--

Rua Feliciano Cirne, S/N Jaguaribe, Joao Pessoa, PB 58.000

Brazil

tel: (83) 2213182

CONTACT PERSON: Guarany Marques Viana

TYPE OF ORGANIZATION: --

TOTAL STAFF: 15

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Water supply and waste water disposal.

SUBJECTS:

water supply; water resources; surface water; groundwater; water collection; wells; water quality; standards; control; water distribution; networks; water use; water treatment; sanitation; wastewater disposal; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 600

Doc/info: staff: 2

Journal titles: 6

INFORMATION SERVICES:

Publications: 4 per year

Availability information: Free of charge, on exchange basis

Information supply by: Oral (phone, visit), printed, photocopies

Services provided: Request handling (direct handling), retrospective literature searches (manual), current awareness services, inter-documentation and library loan, photocopy services, abstracting and indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Brazil
BR.002

ORGANIZATION:

CIA. DE AGUAS E ESGOTOS DO RIO GRANDE DO NORTE (CAERN)

--
Rua Felipe Camarao 507, Cidade Alta, Natal, RN 59.000
Brazil
tel: 2224499; telex: 0842235 natx br

CONTACT PERSON: Eng. Manoel Jackson de Sena

TYPE OF ORGANIZATION: --

TOTAL STAFF: 1,049

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Planning.

SUBJECTS:

water supply; water resources; water collection; water quality; water distribution; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: No restrictions, no charges
Information supply by: Oral (phone, visit), telex, handwritten, printed
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Brazil
BR.003

ORGANIZATION:
COMPANHIA CATARINENSE DE AGUAS E SANEAMENTO (CASAN)

--
Rua Emilio Blum, 11-88000, Florianopolis
Brazil
tel: (482) 227444; telex: 243 casn br

CONTACT PERSON: Ary Cangucu de Mesquita

TYPE OF ORGANIZATION: --

TOTAL STAFF: 2,091

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Responsibility to carry out the national plan for sanitation PLANASA within the state of Santa Catarina according to the guidelines of the Federal Government.

SUBJECTS:

water supply; water resources; groundwater; water collection; dams; water quality; water distribution; networks; pumps; pipes; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; biogas; irrigation; fertilization; wastewater disposal; sociological aspects; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 1,160
Doc/info staff: 24
Journal titles: 13 annual subscriptions

INFORMATION SERVICES:

Publications: --
Availability information: As resources permit
Information supply by: Photocopies, microformat
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Brazil
BR.004

ORGANIZATION:
INSTITUTO BRASILEIRO DE INFORMACAO EM CIENCIA E TECNOLOGIA (IBICT)

--
Av. W-3 Northe-od. 511-Ed. "Bitter", Terreo
Brazil
tel: 2731824

CONTACT PERSON: Raimunda Nonato Fialho Mussi

TYPE OF ORGANIZATION: --

TOTAL STAFF: 200

WORKING LANGUAGE(S): Portuguese; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

IBICT is a public service organization which coordinates scientific and technical information services throughout Brazil. IBICT acts as a referral centre in science and technology and as a source of information science.

SUBJECTS:
technological aspects

INFORMATION SECTION:
Library holdings: 14,000
Doc/info staff: 150
Journal titles: 300

INFORMATION SERVICES:

Publications: Journal "Revista Ciencia da Informacao", Newsletters "Notas Informativas", Bibliographies "Bibliografias Especializadas Brasileiras", "Lista Geral de Cabecalhos de Assunto"; others: union catalogue "Periodicos Brasileiros de Ciencia e Tecnologia"

Availability information: Scale of charges, as resources permit, on exchange basis

Information supply by: Oral (phone, visit), public library and reading facilities, handwritten, printed, photocopies, microformat

Services provided: Request handling (direct and referral services), retrospective literature searches (manual and online), preparation of bibliographies, inter-documentation and library loan, photocopy services, promotion of information services (user profile preparations, reference tools compilation and advisory service), information user courses

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.02

Brazil
BR.005

ORGANIZATION:

UNIVERSIDA DE FEDERAL DO RIO GRANDE DO SUL (UFRGS)
Instituto de Pesquisas Hidraulicas
P.O. Box 530, 90.000 Porto Alegre RS
Brazil
tel: (512) 360266

CONTACT PERSON: Prof. Marc Pierre Bordas

TYPE OF ORGANIZATION: Government

TOTAL STAFF: Approx. 20

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National; Regional

ACTIVITIES

Teaching activities (graduate, undergraduate, technical), applied research and consultancy services provided in the field of water (resources, conservation, treatment, supply, planning) and sewage and waste (collection, treatment, re-use and disposal).

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and auga privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 13,000 (also films and video cassettes)
Doc/info staff: 2
Journal titles: 179
Entry: Public

INFORMATION SERVICES:

Publications: Bibliography "Cadernos de recursos hidricos", (project) reports, dissertations, monographs, journals
Availability information: Information services by arrangement, publications according to set charges or on exchange basis
Information supply by: Mail, visit, typed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services (newsletters, bulletin distribution), bibliographies, loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

COMPANHIA DE SANEAMENTO BASICO DO ESTADO DE SAO PAULO (SABESP)

Central Technical Library

Rua Padre Joao Manuel 755, 8o. andar, 01411 Cerqueira Cesar, Sao Paulo-SP
Brazil

tel: (11) 8537750; telex: 1121089 csbp br

CONTACT PERSON: Julieta Mascitti, Librarian

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 21,000

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National (Sao Paulo District)

ACTIVITIES

Planning, design, construction, operation and maintenance of water supply and sewerage systems in the state of Sao Paulo, Brazil.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; dams; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; leakage; water treatment; sanitation; collection and offsite treatment; water carried systems; ponds; waste utilization; biogas; wastewater disposal; technological aspects

INFORMATION SECTION:

Library holdings: 14,400 (+ 20,000 standards)

Doc/info staff: 5

Journal titles: 431

Entry: Open to all related to water supply and sanitation

INFORMATION SERVICES:

Publications: Revista DAE journal

Availability information: Publications by arrangement or on exchange basis

Information supply by: Oral (by phone or visit), mail

Services provided: Direct request handling, selective dissemination of information, current awareness services, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Brazil
BR.007

ORGANIZATION:
SANEMAT

--
Av. Getulio Vargas 1.426, Cuiaba, MT 78.000
Brazil
tel: 3212233

CONTACT PERSON: Guilherme J.A. Lima

TYPE OF ORGANIZATION: --

TOTAL STAFF: 305

WORKING LANGUAGE(S): English; Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Operation on water and waste water services.

SUBJECTS:

water supply; water treatment; sanitation; wastewater disposal

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 10

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges

Information supply by: Public library and reading facilities, handwritten, printed, photocopies

Services provided: Request handling, retrospective literature services, inter-documentation and library loan, promotion of information use (advisory service), information and documentation staff training

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Brazil
BR.008

ORGANIZATION:
COMPANHIA DE SANEAMENTO DO PARANA (SANEPAR)
Rua Engenheiros Reboucas 1376, 80.000 Curitiba, PR
Brazil
tel: 2238711

CONTACT PERSON: Carlos A. Richter, R&D Manager

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 3,500

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National (Parana District)

ACTIVITIES
Water supply and wastewater disposal.

SUBJECTS:
water supply; sanitation; waste utilization; biogas; wastewater disposal

INFORMATION SECTION:
Library holdings: 4,000
Doc/info staff: 3
Journal titles: 100
Entry: Public

INFORMATION SERVICES:
Publications: Reports (other than annual reports)
Availability information: Information services and publications by arrangement or on exchange basis
Information supply by: Oral (phone or visit), mail, telex, photocopies
Services provided: Selective dissemination of information, current awareness services, loans of documents, provision of copied documents (all restricted to staff)

NETWORK RELATIONS:
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OTHER INFORMATION:
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ORGANIZATION:

MINISTERIO DO INTERIOR

Secretaria Especial do Meio Ambiente (SEMA)

Av. W-3 Norte, Q-510, Ed. Cidade de Cabo Frio, CEP 70.750 Brasilia-DF
Brazil

tel: (61) 2749785, 2749685; telex: 0611429

CONTACT PERSON: Antonio Valenca da Silva Lopes, Coordinator

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 320

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Environmental management.

SUBJECTS:

water supply; water collection; dams; biological water quality; physical
water quality; chemical water quality; sanitation; waste utilization

INFORMATION SECTION:

Library holdings: 8,000 (15,000 microforms)

Doc/info staff: 15

Journal titles: 10

Entry: Public

INFORMATION SERVICES:

Publications: Catalogo de Microfichas, Boletim Informativo Cadastro
Nacional, annual and other reports, bibliographies, manualsAvailability information: Information services and publications by
arrangement, according to set charges, no charges, on exchange basisInformation supply by: Oral (phone or visit), mail, telex, handwritten,
typed or printed information, photocopies and microcopiesServices provided: Request handling (direct or referral services),
preparation of bibliographies, provision of copied documents

NETWORK RELATIONS:

REPDISCA; POETRI; INFOTERRA; IRPTC

OTHER INFORMATION:

UN Centre

84.01

Brazil
BR.010

ORGANIZATION:

SPTA - TECNOLOGIA AMBIENTAL

Companhia de Saneamento do Estado de Minas Gerais (COPASA-MG)

Rua Sergipe 580, 30.000, Belo Horizonte, Minas Gerais 30.000

Brazil

tel: 2123511; telex: 0313003 csmg br

CONTACT PERSON: Alaor de Almedia Castro, Superintendent

TYPE OF ORGANIZATION: Regional authority

TOTAL STAFF: 6,069

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National (State of Minas Gerais)

ACTIVITIES

Construction, operation, administration and maintenance of water supply systems and sewerages.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; infiltration galleries; dams; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 4,400 (1,500 standards)

Doc/info staff: 13

Journal titles: 117

Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, standards

Availability information: Information services and publications by arrangement, publications also on exchange basis

Information supply by: Oral (phone or visit), mail, telex, handwritten, typed or printed information, photocopies

Services provided: Request handling (direct or referral services), preparation of bibliographies, inter documentation and library loan, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
FUNDAÇÃO INSTITUTO TECNOLÓGICO DO ESTADO DE PERNAMBUCO (ITEP)
Secretaria da Indústria, Comércio e Minas
Avenue Conde da Boa Vista 428, Boa Vista, Recife-Pe
Brazil
tel: 2311048; telex: 0812291

CONTACT PERSON: Aginaldo B. de Queiros

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Chemical and technological analysis of industrial products, technical assistance to local industries, applied technological research.

SUBJECTS:

water supply; water resources; water collection; biological water quality; physical water quality; chemical water quality; analysis; water use; water consumption; water treatment; sanitation; onsite collection and treatment; septic tanks and aqua privies; waste utilization; irrigation; biogas

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Bibliographies

Availability information: Information services free of charge and publications on exchange basis

Information supply by: Telex, photocopies

Services provided: Direct request handling, selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Brazil
BR.012

ORGANIZATION:

MINISTERIO DA SAUDE

Centro de Documentacao

Esplanada dos Ministerios, Bloco G, Terreo 70058 Brasilia DF

Brazil

tel: (61) 2268286; telex: 0611752, 0611251

CONTACT PERSON: Antonio Agenor Briquet de Lemos, Secretario

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 20

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Collecting, analysis and dissemination of information in public health and allied areas. Main interest in sanitation in small communities and rural areas.

SUBJECTS:

water supply; water resources; water collection; water quality; analysis; control; standards; water distribution; specials; pumps; networks; water use; biological water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 10,000 (plus 7,500 on microform)

Doc/info staff: 9

Journal titles: 345

Entry: Public

INFORMATION SERVICES:

Publications: Pamphlets, journals, reports and bibliographies

Availability of information: Information services and publications free of charge or on exchange basis

Information supply by: Phone, telex, mail, visit, handwritten, typed, printed, photocopies

NETWORK RELATIONS:

REPDISCA

OTHER INFORMATION:

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83.10

Brazil
BR.013

ORGANIZATION:
FUNDAÇÃO SERVICOS DE SAUDE PUBLICA

--
Avenue Rio Branco 251-12, Rio de Janeiro RJ
Brazil
tel: 2403222 ext. 145; telex: 2130004 fsesp

CONTACT PERSON: Pedro Monteiro Gondim, Supervisor

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 10,000

WORKING LANGUAGE(S): English; Portuguese

GEOGRAPHICAL SCOPE: National

ACTIVITIES

To increase populations health levels. To improve satisfactory sanitation conditions, particularly in urban centres and rural areas. Studies and research for identifying health problems and to define plans for action.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; infiltration galleries; dams; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; sanitation; onsite collection and treatment; composting toilets; collection and offsite treatment; cartage; composting; aquatic weeds; waste utilization; aquaculture; algae; fertilization; biogas

INFORMATION SECTION:

Library Holdings: 3,000
Doc/info staff: --
Journal titles: 160
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters
Information supply by: Phone, mail, telex, or visit
Services provided: Direct request handling (referral services), selective dissemination of information, loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

BOTSWANA TECHNOLOGY CENTRE

Private Bag 0082, Gaborone

Botswana

tel: 52488, 2829; telex: 2251 bd

CONTACT PERSON: Rose Thuso Lecha, Documentalist

TYPE OF ORGANIZATION: Semi-government

TOTAL STAFF: 15

WORKING LANGUAGE(S): English; Setswana

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

To evaluate the potential of technologies that can be adapted to local, and especially rural, conditions. To assist in the application of suitable technologies to specific problems, with special emphasis on the creation of new industries. To found and operate the Botswana Technical Information Service (BTIS).

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 1,350

Doc/info staff: 3

Journal titles: 55

Entry: Public

INFORMATION SERVICES:

Publications: Brochure, newsletter

Availability information: Information services by arrangement or free of charge, publications by arrangement, free of charge and sometimes on exchange basis

Information supply by: Oral (phone or visit), mail, telex, handwritten, typed or printed information, photocopies

Services provided: Request handling (direct and referral services), current awareness services, provision of copied documents, translations, selective dissemination of information

NETWORK RELATIONS:

RERIC (Thailand); SATIS (The Netherlands); NTIS (USA).

OTHER INFORMATION:

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81.11

Botswana
BW.002

ORGANIZATION:
RURAL INDUSTRIES INNOVATION CENTRE (RIIC)

--
Private Bag 11, Kanye
Botswana
tel: 392, 393; telex: 2435 botswana bd

CONTACT PERSON: --

TYPE OF ORGANIZATION: --

TOTAL STAFF: 80

WORKING LANGUAGE(S): English; Setswana

GEOGRAPHICAL SCOPE: National

ACTIVITIES

RIIC surveys rural areas to determine both problems and the people's preferred solutions. It develops prototypes, which are then tested in the villages for technical and social acceptability; it selects a production group which works on final design modifications; and it organises management advice etc. to the production group.

SUBJECTS:

water supply; water distribution; sanitation; waste utilization; biogas; technological aspects; sociological aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Various
Doc/info staff: 0.5
Journal titles: 2

INFORMATION SERVICES:

Publications: Technical papers, e.g. Boloko gas, Anaerobic digestion as a rural sanitation option, biogas pumping - Botswana, Wind power pumping - Botswana; a popularized "how to make a digester", available in Setswana and English, will appear as part of the proceedings of an IDRC sponsored seminar in Botswana, August 1980; a report to Botswana Department of Water Affairs on research done is to be printed shortly; a report to IDRC on a 2-year programme of work on the Phillipini Rotor
Availability information: Free of charge
Information supply by: Oral (phone, visit), telex, photocopies
Services provided: Documentation refers to in-country and specific tasks on which RIIC is working

NETWORK RELATIONS:

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OTHER INFORMATION:

The centre is also working on renewable energy powered pumping systems (photovoltaic and wind pumps).

83.10

Canada
CA.001

ORGANIZATION:

BRACE RESEARCH INSTITUTE
MacDonald College of McGill University
P.O. Box 900, Ste Anne de Bellevue, Quebec H9X 1C0
Canada
tel: (514) 4572000 ext. 255; telex: mcl sblv 5821788

CONTACT PERSON: T.A. Lawand, Director

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 15

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Established in 1961, Brace has a particular interest in desalination, irrigation and renewable energy resources.

SUBJECTS:

water supply; water resources; groundwater; re-use of water; water collection; wells; rainwater collection; physical water quality; chemical water quality; water use; water demand; water wastage; water consumption; chemical water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; waste utilization; algae; biogas; manpower and training aspects; technological aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 3
Entry: Public (by appointment)

INFORMATION SERVICES:

Publications: Annual and other reports, manuals and other publications
Availability information: Publications according to set charges (minimum charges for publications)
Information supply by: Appointed visit, mail, photocopies, printed information
Services provided: Direct request handling, public library reading facilities

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Canada
CA.002

ORGANIZATION:

WATDOC ENVIRONMENT CANADA
Inland Waters Directorate Environment Canada
Ottawa, Ontario K1A 0E7
Canada
tel: (819) 9971238

CONTACT PERSON: Mrs. Evangeline Campbell, Manager WATDOC

TYPE OF ORGANIZATION: Government

TOTAL STAFF:

WORKING LANGUAGE(S): English; French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

WATDOC is Canada's major water resources information service. It provides online access to full bibliographic references and abstracts for Canadian water related documents, data collections, and hydrological technology. The data bases serve as a nation-wide user community of scientists, librarians, information specialists, planners, engineers, and managers.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water use; water demand; water wastage; water consumption; sanitation; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: Various on-line databases
Doc/info staff: 11
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Bibliographies
Availability information: Information services by arrangement
Information supply by: Online databases
Services provided: Direct request handling, current awareness services, preparation of bibliographies, national inter-library loan network

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

CANADIAN INTERNATIONAL DEVELOPMENT AGENCY (CIDA)
Development Information Centre (DIC)
200 Promenade du Portage, Hull, Quebec K1A 0G4
Canada
tel: 9976212

CONTACT PERSON: Collette Furlan, Coordinator, Documentary Resources

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S):

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Loan or grant funding of capital and technical assistance to water supply and sanitary projects through bilateral, multilateral or non-governmental organization channels.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: 18,000 (+ 3000 microforms)
Doc/info staff: 5
Journal titles: 1,200
Entry: Public

INFORMATION SERVICES:

Publications: Various publications including annual report and bibliographies but nothing specific on water supply and sanitation sector
Availability information: Information services by arrangement or free of charge
Information supply by: Oral (phone or visit), mail
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, inter-library loan agreement, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Chile
CL.001

ORGANIZATION:
UNIVERSIDAD DE LA SERENA
Centro de Investigaciones Hidrologicas (CIH)
Benavente 980, Casilla Postal 554, La Serena
Chile
tel: 211868 ext 259

CONTACT PERSON: Eduardo Rozas Elgueta, Chief of Geology Office

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 7

WORKING LANGUAGE(S): Spanish; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

As part of the State Technical University of La Serena, the CIH investigates groundwater resources in arid zones, together with surface water hydrology. Supporting studies include climatology, hydrology and meteorology. CIH studies devices for recharging reservoirs.

SUBJECTS:

water supply; water resources; groundwater; rainwater; water collection; wells

INFORMATION SECTION:

Library holdings: 40,000
Doc/info staff: 7
Journal titles: 50
Entry: Public

INFORMATION SERVICES:

Publications: Annual (*proyectos anuales*) and other reports
Availability information: Information services by arrangement on exchange basis, publications on exchange basis
Information supply by: Mail or visit, printed information, photocopies
Services provided: Request handling (direct and referral services), preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Chile
CL.002

ORGANIZATION:

COMISION NACIONAL DE INVESTIGACION CIENTIFICA Y TECNOLOGICA (CONICYT)
Centro Nacional de Informacion y Documentacion (CENID)
Canada 308, Providencia Casilla 297 - V Santiago
Chile
tel: 744537

CONTACT PERSON: José Castella A., Presidente Subrogante de CONICYT

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 20

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Reference centre for specialized information units. CONICYT/DID is also the national coordination centre of the INFOTERRA/PNUMA programme.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 8

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Notas Informativas CENID (quarterly), La Semana Cientifica y Tecnologica

Availability information: Free of charge (some information), scale of charges (photocopies), on exchange, as resources permit

Information supply by: Oral (phone, visit), public library and reading facilities, photocopies

Services provided: Referral services, retrospective literature searches (manual and on-line), preparation of bibliographies, inter-documentation and library loan, photocopy services, translation services, abstracting and indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Chile
CL.003

ORGANIZATION:
CORPORACION INDUSTRIAL PARA EL DESARROLLO REGIONAL DEL BIOBIO (CIDERE)

--
Casilla Postal 2177, Concepcion
Chile
tel: 27752; telex: 60012 both

CONTACT PERSON: Juan Raffo Sivori

TYPE OF ORGANIZATION: --

TOTAL STAFF: 5

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

To create productive activities in the field of natural resources and industrial wastes by means of simple technologies.

SUBJECTS:

water supply; water distribution; pumps; sanitation; waste utilization; biogas

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: No restrictions, no charges
Information supply by: --
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Chile
CL.004

ORGANIZATION:
EMPRESA METROPOLITANA DE OBRAS SANITARIAS (EMOS)

--
Av. Bulnes 129, Casilla 1537, Santiago
Chile
tel: 721014 anexo 208

CONTACT PERSON: Ing. Dario Rodriguez Puratich

TYPE OF ORGANIZATION: --

TOTAL STAFF: 2,100

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES
Water supply and sewerage utility.

SUBJECTS:
water supply; water resources; water collection; water quality; water
distribution; pipes; water use

INFORMATION SECTION:
Library holdings: 1,100
Doc/info staff: 3
Journal titles: 30

INFORMATION SERVICES:
Publications: Newsletter: Boletin Bibliografica, annual report with local
information
Availability information: Free of charge, on exchange basis
Information supply by: Oral (phone, visit), public library and reading
facilities, printed, photocopies
Services provided: Request handling (direct and referral services),
retrospective literature searches (manual), current awareness services,
selective dissemination of information, preparation of bibliographies, inter-
documentation and library loan, photocopy services

NETWORK RELATIONS:
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OTHER INFORMATION:
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81.11

Chile
CL.005

ORGANIZATION:
MINISTERIO DE SALUD DEPARTAMENTO PROGRAMAS SOBRE EL AMBIENTE

--
Mac Iver 541, Santiago
Chile
--

CONTACT PERSON: Dr. German Corey, Head of Department

TYPE OF ORGANIZATION: --

TOTAL STAFF: 10

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Regulatory agency for drinking water quality and sanitary disposal of waste waters (domestic and industrial) and solid wastes

SUBJECTS:

water supply; water quality; control; standards; sanitation; waste utilization; wastewater disposal; health aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --

INFORMATION SERVICES:

Publications: Reports of water quality, air pollution, food contamination standards and regulations, morbidity and mortality rates
Availability information: No restrictions, no charges
Information supply by: Public library and reading facilities, printed, photocopies
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Chile
CL.006

ORGANIZATION:
SERVICIO NACIONAL DE GEOLOGIA Y MINERIA (SERNAGEOMIN)

--
Agustinas 785, 6 Piso, Casilla postal 10465, Santiago
Chile
tel: 30121

CONTACT PERSON: Carlos Ulriksen, Technical Sub-director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 130

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The survey is involved in all investigations related to the basic geological mapping and mineral exploration, water resources (groundwater development and exploration)

SUBJECTS:

water supply; water resources; groundwater; water collection

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 6

Journal titles --

INFORMATION SERVICES:

Publications: Revista Geologica de Chile

Availability information: Scale of charges

Information supply by: Visit, printed materials or photocopies

Services provided: Direct request handling, photocopying service

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Chile
CL.007

ORGANIZATION:
SERVICIO NACIONAL DE OBRAS SANITARIAS (SENDOS)

--
Morande 57, Piso 4, Santiago Centre
Chile
tel: 724506; telex: 240-777 sectop-cl

CONTACT PERSON: Ing. Jaime Urzua Reveco, National Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: Approx. 3,000

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

As part of the Ministry of Public Works, SENDOS is responsible for water supply and sewerage, in order to improve sanitary conditions and public health, and to stimulate national development.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; biological water quality; physical water quality; chemical water quality; water distribution; water use; water treatment; sanitation; waste utilization; irrigation; wastewater disposal

INFORMATION SECTION:

Library holdings: 1,450 (1981)
Doc/info staff: 5 (1981)
Journal titles: 15 (1981)
Entry: -- (1981)

INFORMATION SERVICES:

Publications: Boletin Nacional Estadistico journal, boletin bibliografico bibliography, books, technical publications (papers, reports etc.)
Availability information: Free of charge, on exchange basis
Information supply by: Oral (phone, visit), telex, public library and reading facilities, photocopies, printed
Services provided: Request handling (direct and referral services), retrospective literature searches (manual), selective dissemination of information, preparation of bibliographies, inter-documentation and library loan, reference tools compilation

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

UNIVERSIDAD DE CHILE, DEPARTAMENTO DE INGENIERIA CIVIL
Seccion Ingenieria Sanitaria y Ambiental
Blanco Encalada 2120, Piso 4, Casilla 5373, Santiago
Chile
tel: 94171

CONTACT PERSON: Ing. Jorge Castillo G., Chief Engineering Section

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 9

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Investigation and education on sanitary engineering.

SUBJECTS:

water supply; water resources; water collection; water quality; water distribution; water use; water treatment; sanitation; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 24,140 (1981)
Doc/info staff: 3 (1981)
Journal titles: 107 (1981)
Entry: -- (1981)

INFORMATION SERVICES:

Publications: Newsletter Boletin Informativo CIRISCA, reports
Availability information: Public library and reading facilities, printed, photocopies, microformat
Information supply by: As resources permit
Services provided: Request handling (direct and referral services), retrospective literature searches (manual), current awareness services, selective dissemination of information, preparation of bibliographies, inter-documentation and library loan, photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Cameroon
CM.001

ORGANIZATION:

**DÉLÉGATION GÉNÉRALE À LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE
(DGRST)**

Institut de Recherches Géologiques et Minières, Centre de Recherches
Hydrauliques
Boite Postale 4110, Yaoundé
Cameroon
tel: 230124

CONTACT PERSON: Mr. Meli Robert, Information Manager

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 16

WORKING LANGUAGE(S): French; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Research and information collection in the field of hydrology.

SUBJECTS:

water supply; water resources; rainwater; water collection; rainwater
collection; physical water quality; chemical water quality; analysis

INFORMATION SECTION:

Library holdings: 1,000

Doc/info staff: 3

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: --

Availability information: Publications by arrangement

Information supply by: Phone, mail, visit, typed, photocopies, microcopies
Services provided: Direct request handling (referral services), preparation
of bibliographies, loan of documents, provision of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.03

Cameroon
CM.002

ORGANIZATION:

MINISTRY OF AGRICULTURE

Direction du Génie Rural et de l'Hydraulique Agricole

Boite Postale 326, Yaoundé

Cameroon

tel: 233099

CONTACT PERSON: Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): French; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Working in the field of rural hydrology.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; dams;
water distribution; pipes; specials; pumps; networks; physical water
treatment; chemical water treatment; sanitation

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

Entry: --

INFORMATION SERVICES:

Publications: --

Availability information: --

Information supply by: Visit, typed

Services provided: Direct request handling services

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Cameroon
CM.003

ORGANIZATION:
MINISTRY OF AGRICULTURE
Department of Community Development
P.O. Box 2729, Yaounde
Cameroon

--

CONTACT PERSON: S. Simon, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S):

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Guiding rural communities to realize or achieve projects which are aimed at improving their standards of living (Rural water supplies, infrastructure, health centres and nutrition programmes).

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; biological water quality; physical water quality; chemical water quality; analysis; standards; water distribution; public standposts; networks; water use; water demand; physical water treatment; biological water treatment; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; wastewater disposal; sociological aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

Entry: --

INFORMATION SERVICES:

Publications: Manuals

Availability information: --

Information supply by: Visit

Services provided: --

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Colombia
CO.001

ORGANIZATION:

CENTRO DE INVESTIGACIONES MULTIDISCIPLINARIAS EN DESARROLLO (CIMDER)

--

Ap. Aereo 3708, Cali
Colombia

--

CONTACT PERSON: Dr. Jorge Saravia, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 6

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Research on impact of sanitation (water supply and sewage) on health status, appropriate technology for water treatment.

SUBJECTS:

water supply; sanitation; onsite collection and treatment; collection and offsite treatment; wastewater disposal; health aspects; technological aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 1

Journal titles: --

INFORMATION SERVICES:

Publications: Annual reports

Availability information: As resources permit, on exchange basis

Information supply by: Handwritten

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

UNIVERSIDAD PONTIFICIA BOLIVARIANA

Centro de Investigaciones para el Desarrollo Integral (CIDI)

Apartado Aereo 1178, Medellin

Colombia

tel: 250-2523, 250-2444

CONTACT PERSON: Luz Marina Franco, Director CIDI

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 15

WORKING LANGUAGE(S): English; Spanish

GEOGRAPHICAL SCOPE: National; Regional

ACTIVITIES

Research activities on environmental pollution and related fields.

SUBJECTS:

water supply; biological water quality; physical water quality; chemical water quality; analysis; sanitation; waste utilization; biogas

INFORMATION SECTION:

Library holdings: 1,800 (+ 500 on microform)

Doc/info staff: 2

Entry: Public

INFORMATION SERVICES:

Publications: Magazine Contaminacion Ambiental, periodical report, pamphlet, bibliography

Availability information: Information services and publications according to set charges or on exchange basis

Information supply by: Oral (phone or visit), mail, typed or photocopies

Services provided: Request handling (direct or referral services), preparation of bibliographies, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Colombia
CO.003

ORGANIZATION:
INSTITUTO NACIONAL DE INVESTIGACIONES GEOLOGICO-MINERAS (INGEOMINAS)

--
Diagonal 34-53, Apartado Aereo 4865, Bogota
Colombia
tel: (2) 122848, 121811

CONTACT PERSON: Elena Ferero de Gonzalez, Head of Library Section

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 160

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Geological research and mineral exploration. Geochemical and geophysical research. Water resources mineral assesment projects. Geological publications distribution.

SUBJECTS:

water supply; water resources; groundwater; biological water quality; physical water quality; chemical water quality; analysis; control; water use; water demand; water consumption; sanitation; waste utilization; irrigation; aquaculture

INFORMATION SECTION:

Library holdings: 300
Doc/info staff: 5
Journal titles: 8
Entry: Public

INFORMATION SERVICES:

Publications: Journal, annual and other reports, bibliographies, manuals and maps
Availability information: Information service and publications by arrangement, according to set charges or on exchange basis
Information supply by: Phone, mail, visit, printed or photocopies
Services provided: Direct request handling services, selective dissemination of information, preparation of bibliographies, loans of documents (inter-library loan), provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Costa Rica
CR.001

ORGANIZATION:
INSTITUTO COSTARRICENSE DE ACUEDUCTOS Y ALCANTARILLADOS

--
Apartado Postal 5120, San José
Costa Rica
tel: 332155

CONTACT PERSON: Lic. Jorge Alfaro Ulate

TYPE OF ORGANIZATION: --

TOTAL STAFF: 3,500

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Recollection, treatment, distribution of water, recollection and disposal of waste water; administration of the commercial system concerned with water works.

SUBJECTS:

water resources; water collection; water quality; water distribution; networks; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 2,000
Doc/info staff: 12
Journal titles: 1,200

INFORMATION SERVICES:

Publications: Journal "Rumbos", newsletter "Aya grafico", books
Availability information: On exchange basis
Information supply by: Oral (phone, visit), telex, handwritten, printed, photocopies, microformat
Services provided: Direct request handling, retrospective literature searches (manual), preparations of bibliographies, inter-documentation and library loan, photocopy service, abstracting and indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
MINISTRY OF AGRICULTURE AND NATURAL RESOURCES
Water Development Department
Nicosia
Cyprus
tel: 403141; telex: 3399 minfin cy

CONTACT PERSON: Stavros Pitsillides, Senior Technical Superintendent

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 193 (technical)

WORKING LANGUAGE(S): Greek; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Water development works for irrigation and water supply (domestic and industrial; water resources evaluation, projection and control; construction, operation and maintenance of water works.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; wastewater disposal

INFORMATION SECTION:

Library holdings: 6,900
Doc/info staff: 4
Journal titles: 15
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, bibliographies, manuals, product catalogues and information leaflets
Availability information: Information services and publications by arrangement or on exchange basis
Information supply by: Oral (phone or visit), mail, telex, typed or printed, photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Germany, Federal
Republic of
DE.001

ORGANIZATION:

TECHNICAL UNIVERSITY BERLIN

Interdisziplinäre Projektgruppe fuer Angepasste Technologie (IPAT)

Lentzeallee 86, D-1000 Berlin 33

Germany, Federal Republic of

tel: (30) 31471338

CONTACT PERSON: Dr. Peter Bade
TYPE OF ORGANIZATION: Local authority
TOTAL STAFF: 8
WORKING LANGUAGE(S): German; English
GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research and development of water pumping systems by windpower and solar energy.

SUBJECTS:

water supply; water resources; groundwater; surface water; wells; physical water quality; standards; water distribution; pumps; water use; water demand; water treatment; plants; sanitation; collection and offsite treatment; ponds; composting; waste utilization; irrigation; wastewater disposal

INFORMATION SECTION:

Library holdings: 250

Doc/info staff: 1

Journal titles: 15

Entry: Public

INFORMATION SERVICES:

Publications: Reports and manuals

Availability information: Information services and publications according to set charges

Information supply by: Mail or visit

Services provided: Direct request handling, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Germany, Federal
Republic of
DE.002

ORGANIZATION:

DORTMUNDER STADTWERKE AG
Institut fuer Wasserforschung GmbH Dortmund
Zum Kellerbach 52, BRD 5840 Schwerte-Geisecke
Germany, Federal Republic of
tel: (2304) 107380; telex: 8229659 daba d

CONTACT PERSON: Dr. Karlheinz Schmidt, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 18

WORKING LANGUAGE(S): German; English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Water resources, groundwater pollution, artificial groundwater recharge are main areas of activities and research.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; infiltration galleries; biological water quality; physical water quality; chemical water quality; analysis; standards; water distribution; biological water treatment; sanitation; waste utilization; algae

INFORMATION SECTION:

Library holdings: Approx. 11,500
Doc/info staff: 1-2
Journal titles: 37
Entry: Limited

INFORMATION SERVICES:

Publications: Journals, bulletins and newsletters
Availability information: Information services by arrangement or on exchange basis, publications on exchange basis
Information supply by: Phone, mail, telex, visit, photocopies
Services provided: Provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Ecuador
EC.001

ORGANIZATION:
CENTRO MEDICO SAN JOSE

--
Taisha, Morona, Santiago
Ecuador
--

CONTACT PERSON: Dr. Thomas Brown, Medical Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 5

WORKING LANGUAGE(S): English; Spanish; Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Projects to supply water to natives living in upper Amazon jungle communities which have no roads leading out. Waste disposal projects are in the planning stages; experiments with water storage and treatment.

SUBJECTS:

water supply; water resources; water distribution; water quality; water use; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; sociological aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 491
Doc/info staff: 2
Journal titles: 286

INFORMATION SERVICES:

Publications: Extensive bibliography
Availability information: No restrictions, no charges
Information supply by: Oral (visit), mail, public library and reading facilities, printed, photocopies, microformat, cassette recording
Services provided: Direct request handling, retrospective literature searches, current awareness services, selective information dissemination, preparation of bibliographies, inter-documentation and library loan, photocopy services, abstracting and indexing services, promotion of information use (user profile preparation, reference tools compilation, advisory service)

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Ecuador
EC.002

ORGANIZATION:
INSTITUTO NACIONAL DE METEOROLOGICA Y HIDROLOGIA (INAMHI)

--
Daniel Hidalgo 132 y Av. 10 de Agosto, Quito
Ecuador
tel: 526222, 238606; telex: dirmetecuador

CONTACT PERSON: Ing. Galo Cisneros F., Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 40

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Planning, coordination and supervision of the national activities on meteorology and hydrology. Laboratory and information/documentation services are provided.

SUBJECTS:

water supply; water resources; rainwater

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 3

Journal titles: --

INFORMATION SERVICES:

Publications: Annual "Anuarios Hidrologicos y Meteorologicos", Bulletin "Boletin Climatologico Mensual"

Availability information: Free of charge, on exchange basis

Information supply by: Visit

Services provided: Selective dissemination of information

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Ecuador
EC.003

ORGANIZATION:
SERVICIO DE INFORMACION TECNICA (CENDES)

--
Garcia Aviles 217 y 9 De Octubre, P.O. Box 5833, Buayoquil
Ecuador
tel: 308500, 307628; telex: 2350 cendes ed

CONTACT PERSON: Ing. Abdon Calderon

TYPE OF ORGANIZATION: --

TOTAL STAFF: 7

WORKING LANGUAGE(S): Spanish; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Technical and technological information transfer.

SUBJECTS:

water supply; water resources; water collection; sanitation; onsite
collection and treatment; collection and offsite treatment; waste utilizati-
on; wastewater disposal

INFORMATION SECTION:

Library holdings: 3,000
Doc/info staff: 7
Journal titles: 200

INFORMATION SERVICES:

Publications: Several
Availability information: As resources permit, on exchange basis
Information supply by: Oral (phone, visit), telex, public library and
reading facilities, photocopies
Services provided: Request handling, retrospective literature searches,
preparation of bibliographies, photocopy services, promotion of information
use, information and documentation staff training

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.02

Ecuador
EC.004

ORGANIZATION:
MINISTRY OF WATER SUPPLY
Instituto Ecuatoriano de Obras Sanitarias (IEOS)
Toledo No. 684 y Lerida, Quito
Ecuador
tel: 544400; telex: 2489 ieos ed

CONTACT PERSON: Patricio Veloz V., Head Research and Information

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 1,200

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Planning national water supply and sanitation, finance administration and design construction.

SUBJECTS:

water supply; water resources; water collection; water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 2,000 (plus 10,000 microforms)
Doc/info staff: 5
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, bibliographies, manuals
Availability information: Information services and publications according to set charges or on exchange basis
Information supply by: Phone, mail, telex, printed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, preparation of bibliographies, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Egypt
EG.001

ORGANIZATION:
NATIONAL INFORMATION AND DOCUMENTATION CENTRE (NIDOC)

--
Al-Tahreer Street, Dokki, Cairo
Egypt
tel: 701696

CONTACT PERSON: Prof. Dr. A.M. Gad

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): Arabic; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

NIDOC provides Egypt with scientific and technical information from its extensive library collections and through (selective dissemination of information) projects.

SUBJECTS:

technological aspects

INFORMATION SECTION:

Library holdings: 100,000

Doc/info staff: --

Journal titles: 4,000

INFORMATION SERVICES:

Publications: Several scientific journals, ASRT newsletter, Arab Science Abstract

Availability information: Charged

Information supply by: Oral (phone, visit), telex, photocopies, microformat
Services provided: Direct request handling, retrospective literature searches (manual, on-line), current awareness services, selective dissemination of information, preparation of bibliographies, photocopy services, abstracting and indexing services, promotion of information use (user profile preparation, reference tools compilation, advisory services), information user courses, information and documentation staff training

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

SOCIEDAD GENERAL DE AGUAS DE BARCELONA, S.A.
Centro de Estudios, Investigacion y Aplicaciones del Agua
Paseo de San Juan 39, Barcelona 9
Spain
tel: (93) 2318011; telex: 54180 aqua e

CONTACT PERSON: Isidro Aparicio, General Secretary

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 4 (+ 20 external collaborators)

WORKING LANGUAGE(S): Spanish; French; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Documentation centre, organization of technical meetings; consultancy services.

SUBJECTS:

water supply; water resources; groundwater; water collection; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; water use; water treatment; sanitation; health aspects

INFORMATION SECTION:

Library holdings: 1,800
Doc/info staff: 3
Journal titles: 70
Entry: Public

INFORMATION SERVICES:

Publications: Several books and reports
Availability information: Information services and publications by arrangement
Information supply by: Mail, visit, photocopies
Services provided: Request handling (direct or referral services), loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Spain
ES.002

ORGANIZATION:

CENTRO DE ESTUDIOS Y EXPERIMENTACION DE OBRAS PUBLICAS

Centro de Estudios Hidrograficos

Paseo Bajo de la Virgen del Puerto S/N, Madrid

Spain

tel: 2656800; telex: 45022 cdx e

CONTACT PERSON: J.L. Gomez Espadas, Head Gen. Services Unit

TYPE OF ORGANIZATION: Governmental research establishment

TOTAL STAFF: 350

WORKING LANGUAGE(S): Spanish; English; French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Research and technical assistance in hydraulics, hydrology, water resources planning and evaluation, water works, dams, reservoirs, canals, irrigation, water pollution, reservoirs eutrophication, estuarine waters, etc.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 7,000

Doc/info staff: 4

Journal titles: 200

Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, bibliographies, manuals and standards

Availability information: Information services and publications by arrangement according to set charges or on exchange basis

Information supply by: Phone, mail, telex, typed, printed, photocopies
Services provided: Request handling (direct and referral services), preparation of bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

Several international training courses of water related subjects.

83.09

Spain
ES.003

ORGANIZATION:
INSTITUTE OF INFORMATION AND DOCUMENTATION IN SCIENCE AND TECHNOLOGY (ICYT)

--

Joaquin Costa 22, Madrid 6
Spain
tel: 2614808; telex: 22628 cidmd e

CONTACT PERSON: Mrs. Rosa de la Viesca Espinosa de los Monteros,
Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

ICYT is an international centre which embraces all information and documentation of science and technology.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports, bibliographies

Availability information: Information services and publications by arrangement according to set charges, free of charge or on exchange basis

Information supply by: Phone, mail, telex, typed, printed, photocopies, microcopies

Services provided: Direct request handling selective dissemi of information, current awareness services, bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Spain
ES.004

ORGANIZATION:

CENTRO DE ESTUDIOS Y EXPERIMENTACION DE OBRAS PUBLICAS

--
Calle Alfonso XII 3, Madrid 7

Spain

tel: 4673708; telex: 45022 cdx e

CONTACT PERSON: Juan Ignacio Cuesta B., Head Info/doc. Department

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 900

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: National; Regional (Latin America)

ACTIVITIES

Research & techn. assist. in civ. eng., bldng & constr., incl. planning, design, constr., maint. & operation of publ. works. Fields of interest are: roads, traffic, geotechnique, bldg mat., structures, hydraulics, hydrology & water works, ports/harbours, coastal mngmnt, oceanography, environmental effects of public works, use of nuclear radiology in water pollution

SUBJECTS:

water supply; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; water quality; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water use; water demand; water wastage; leakage; water consumption; water savings; water treatment; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal; technological aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 50,000 (plus 10,000 on microform)

Doc/info staff: 15

Journal titles: Approx. 800

Entry: Public

INFORMATION SERVICES:

Publications: Journals, reports, bibliographies, manuals, and standards
Avail. info.: Info. serv./publ. on req., acc. to charges or exchn. basis
publications by arrangements, according to set charges or on exchange basis
Info. supp. by: Phone, mail, visit, tlx, (micro)copies, comp. printout.
Services provided: Req. handling, selective dissemi. of info., current awareness services; prep. of bibliographies, document loans, copies, translations, training in & on-line searching for scientists and engineers

NETWORK RELATIONS: --

OTHER INFORMATION:

Intern. training courses/workshops in all civil engineering subj.fields

85.11

France
FR.001

ORGANIZATION:
ASSOCIATION FRANCAISE POUR L'ETUDE DE L'EAU (AFEE)

--
21 et 23 rue de Madrid, 75008 Paris
France
tel: (14) 5221467

CONTACT PERSON: Mme Gamrasni, Ingenieur-responsable de Service des
Etudes

TYPE OF ORGANIZATION: Non profit organization

TOTAL STAFF: 15

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The AFEE provides documentation & information services regarding water resources & related subjects through a computer-produced abstracts bulletin, accomp. products as a separate subject arrangement of abstracts, thesaurus of terms, original document delivery & current awareness services for abstracts in selected categories.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; dams; rainwater collection; water quality; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; water treatment; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal; technological aspects; health aspects; organizational and management aspects

INFORMATION SECTION:

Library holdings: 14,000
Doc/info staff: 14
Journal titles: 400
Entry: Public

INFORMATION SERVICES:

Publications: Info. Eaux(11/yr), lit. surveys, reports, bibliogr. & manuals
Avail. info.: Info. services acc. to set charges, publications free of charge or acc. to set charges
Info. supp. by: Oral (phone, visit), public library, photocopies
Services provided: Req. handling, retrospective literature searches (manual/ on-line), current awareness serv., select. dissem. of info., prep. of bibliographies, copy- & translation- abstracting & indexing services, promotion of info. use (user profile preparation, ref. tools compilation, advisory services)

NETWORK RELATIONS: --

OTHER INFORMATION: Working links with CEFIGRE (XZ.009)

83.11

France
FR.002

ORGANIZATION:

SOCIÉTÉ LYONNAISE DES EAUX ET DE L'ECLAIRAGE

--

45 rue Cortambert, Boite Postale 42116, 75016 Paris

France

tel: (14) 5032102; telex: 620783 oliones

CONTACT PERSON: J.M. Simon, Directeur des Relations Publiques

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 4,000

WORKING LANGUAGE(S): French; English; Spanish

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Management of public water supply and sanitation in France through regional centres and subsidiaries. Parent company of a group about half of which are operating companies for water supply and sanitation and garbage in many countries.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; waste utilization; irrigation; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Extensive

Doc/info staff: 10

Journal titles: Several

Entry: On specific arrangements

INFORMATION SERVICES:

Publications: Periodicals (Lyonnaise Techniques), annual and other reports, manuals, product catalogues, standards

Availability information: Information services and publications by arrangement

Information supply by: Telex, visit, typed, printed, photocopies

Services provided: Direct request handling, selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Gabon
GA.001

ORGANIZATION:
MINISTÈRE DE LA RECHERCHE SCIENTIFIQUE, CHARGÉ DE L'ENVIRONNEMENT ET DE
LA PROTECTION DE LA NATURE
Centre National d'Antipollution
Libreville
Gabon
--

CONTACT PERSON: Ing. B. Ondonze

TYPE OF ORGANIZATION: --

TOTAL STAFF: 4

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES
Environmental supervision against pollution.

SUBJECTS:
water supply; water quality; control; standards; water use; water treatment;
sanitation; onsite collection and treatment; collection and offsite
treatment; wastewater disposal; health aspects

INFORMATION SECTION:
Library Holdings: --
Doc/info staff: 1
Journal titles: --

INFORMATION SERVICES:
Publications: Bulletin of results of the analysis
Availability information: As resources permit
Information supply by: Printed, photocopies
Services provided: Request handling

NETWORK RELATIONS:
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OTHER INFORMATION:
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81.11

United Kingdom
GB.001

ORGANIZATION:
UNIVERSITY OF LEEDS
Department of Civil Engineering
Leeds LS2 9JT
United Kingdom
tel: (532) 431751 ext. 266

CONTACT PERSON: Dr. D.D. Mara

TYPE OF ORGANIZATION: --

TOTAL STAFF: 3

WORKING LANGUAGE(S): English; French; Spanish; Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Low cost sanitation programme planning for low income urban and rural communities in developing countries. Postgraduate courses in public health and civil engineering in hot climates.

SUBJECTS:

sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; health aspects; technological aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Substantial

Doc/info staff: 1

Journal titles: --

INFORMATION SERVICES:

Publications: Journals

Availability information: As resources permit

Information supply by: Oral (phone, visit), photocopies

Services provided: Direct request handling, retrospective literature searches (on-line)

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
CENTRE FOR ALTERNATIVE TECHNOLOGY

--
Machynlleth, Powys, Wales
United Kingdom
tel: (654) 2400

CONTACT PERSON: Ms. Felicity Shooter
TYPE OF ORGANIZATION: Charity organization
TOTAL STAFF: 30
WORKING LANGUAGE(S): English
GEOGRAPHICAL SCOPE: National

ACTIVITIES

Working demonstration and resource centre of appropriate technology and renewable energy sources.

SUBJECTS:

water supply; water use; water savings; sanitation; onsite collection and treatment; composting toilets; collection and offsite treatment; composting; waste utilization; biogas

INFORMATION SECTION:

Library holdings: Approx. 900
Doc/info staff: 2
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters
Availability information: Information services and publications by arrangement, according to set charges
Information supply by: Mail, visit
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

United Kingdom
GB.003

ORGANIZATION:
INTERMEDIATE TECHNOLOGY DEVELOPMENT GROUP LIMITED (ITDG)

--
9 King Street, London WC2E 8HN
United Kingdom
tel: (1) 8369434; telex: 268312 wescom g; cable: itdev london wc 2

CONTACT PERSON: --

TYPE OF ORGANIZATION: --

TOTAL STAFF: Approx. 70

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Describing, disseminating and promoting information about technology choice with emphasis on small scale, low cost, self-help systems of a capital saving, rather than labour saving nature which make maximum use of indigenous resources, both human and material.

SUBJECTS:

water supply; water resources; rainwater; groundwater; water collection; rainwater collection; wells; water treatment; water distribution; sanitation; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 2 (full time)
Journal titles: --

INFORMATION SERVICES:

Publications: "Appropriate Technology" (quarterly), occasional papers, reports, newsletter (trial), books, manuals, bibliographies and buyers guides
Availability information: Enquiries normally handled free of charge, publications fixed charges
Information supply by: Oral (phone, visit), hand written, printed, photocopies, project bulletins
Services provided: Direct request handling, publication preparation, consultancy, advisory work

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

WATER RESEARCH CENTRE (WRC)
Information Service on Toxicity and Biodegradability (INSTAB)
Stevenage Laboratory, Elder Way, Stevenage, Herts. SG1 1TH
United Kingdom
tel: (438) 2444

CONTACT PERSON: Information Officer

TYPE OF ORGANIZATION: --

TOTAL STAFF: 2

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The INSTAB provides industry and government agencies with information regarding the possible damage inflicted on aquatic life and sewage treatment processes by chemical substances contained in industrial, agricultural and domestic effluents. It maintains an index on over 1500 chemicals and their effects, keeping it up to date with comprehensive searching of the published literature and other sources. Services offered by INSTAB include consultation on and advice for specific inquiries, annotated bibliographies and literature summaries on individual chemicals.

SUBJECTS:

water supply; water quality; chemical water quality; standards; analysis; water treatment; technological aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: --

INFORMATION SERVICES:

Publications: --
Availability information: Free of charge to clientele in the United Kingdom, services provided to users elsewhere are confined to provision of bibliographies and abstracts, on a fee basis
Information supply by: --
Services provided: Request handling, preparation of bibliographies, retrospective searching, abstracts

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

United Kingdom
GB.005

ORGANIZATION:
BIODETERIORATION CENTRE

--
St. Peter's College, College Road, Saltley, Birmingham B8 3TE
United Kingdom
tel: (21) 3285950; telex: 336997

CONTACT PERSON: Dr. Dennis Allsopp, Information and Service Officer

TYPE OF ORGANIZATION: Non-governmental

TOTAL STAFF: 12

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

The Biodeterioration information centre collects and disseminates information about biodeterioration and biodegradation. Results are published in the form of journals, bibliographies, and special reports. In addition, searches of the centre's files can be made on request. The centre also performs contract research.

SUBJECTS:

sanitation; waste utilization; irrigation; fertilization

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 5
Journal titles: --

INFORMATION SERVICES:

Publications: Waste materials biodegradation research titles, bibliography of current published literature on all aspects of biological treatment of solid and liquid wastes and the biodegradation of waste materials
Availability information: Services are available on a fee basis to any interested person
Information supply by: Phone and photocopies
Services provided: Retrospective literature search (manual), photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Ghana
GH.001

ORGANIZATION:
UNIVERSITY OF SCIENCE AND TECHNOLOGY
Technology Consultancy Centre (TCC)
Kumasi
Ghana
tel: 5351

CONTACT PERSON: Dr. J.W. Powell, Director

TYPE OF ORGANIZATION: University

TOTAL STAFF: 60

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National; Regional (West Africa)

ACTIVITIES

Small scale technology transfer to industries and agriculture.

SUBJECTS:

water supply; water resources; surface water; water collection; wells; water distribution; pumps; sanitation; onsite collection and treatment; pit latrines; waste utilization; aquaculture; algae

INFORMATION SECTION:

Library holdings: 400

Doc/info staff: 2

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: TCC Annual Review, TCC Newsletter, annual and other reports, manuals

Availability information: By arrangement, according to set charges or no charges

Information supply by: Mail, visit, typed or printed, photocopies

Services provided: Referral request handling services, selective dissemination of information, current awareness service, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Ghana
GH.002

ORGANIZATION:
GHANA WATER AND SEWERAGE CORPORATION

--
P.O. Box 1840, Accra
Ghana
tel: 74011/3

CONTACT PERSON: Mr. D.T. Addy, Area Manager

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 1,800

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Production and distribution of potable water. Sewage collection (water carriage systems).

SUBJECTS:

water supply; water resources; water collection; dams; biological water quality; physical water quality; chemical water quality; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; water use; water demand; leakage; water treatment; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; collection and offsite treatment; water carried systems

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: --

INFORMATION SERVICES:

Publications: --
Availability information: --
Information supply by: Phone, mail, telex
Services provided: --

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

ESCUELA REGIONAL DE INGENIERIA SANITARIA Y RECURSOS HIDRAULICOS (ERIS)
Facultad del Ingenieria, Universidad de San Carlos de Guatemala
Ciudad Universitaria, Zona 12, Guatemala City
Guatemala
tel: 760790/4, 760985/6

CONTACT PERSON: Ing. Estuardo Velasquez, Coordinador Centro de Informacion

TYPE OF ORGANIZATION: Semi-autonomous

TOTAL STAFF: 12

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Education and training of specialized people in the field of sanitary engineering and hydraulic resources. Laboratory and documentation facilities are available.

SUBJECTS:

water supply; biological water quality; analysis; water use; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization

INFORMATION SECTION:

Library holdings: 1,260
Doc/info staff: 4
Journal titles: 6
Entry: --

INFORMATION SERVICES:

Publications: Newsletter, research notes, course, seminar and symposia proceedings
Availability information: As resources permit, on exchange
Information supply by: Visit
Services provided: Request handling

NETWORK RELATIONS:

POETRI

OTHER INFORMATION:

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84.01

Indonesia
ID.001

ORGANIZATION:

BADAN URUSAN TENAGA KEYA SUKARELA INDONESIA (BUTSI)
Department of Manpower, Village Technology Unit (VTU)
Jalan Gatot Subroto, Jakarta
Indonesia
tel: 584989; telex: butsi jakarta

CONTACT PERSON: Ir. Sjamsu Ardian, Butsi Staff

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 3 staff + 130 field workers

WORKING LANGUAGE(S): Indonesian

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Training programme for field workers (human resources), budgetting programme for volunteers and planning on national level, supervision, evaluation.

SUBJECTS:

water supply; water resources; rainwater; re-use of water; water collection; wells; infiltration galleries; rainwater collection; water distribution; public standposts; house connections; pipes; pumps; water use; water demand; water consumption; water savings; physical water treatment; sanitation; collection and offsite treatment; water carried systems; manpower and training aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 1

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Brochure, reports and manuals

Availability information: Information services and publications free of charge

Information supply by: Mail, handwritten or typed

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

MINISTRY OF PUBLIC WORKS, DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPE-
NTInstitute of Hydraulic Engineering
Jalan Ir. H. Juanda 193, Bandung
Indonesia
tel: 84553/4, 81607; telex: 28283 dpma bd

CONTACT PERSON: Ir. Sadeli Wiramihardja, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 80

WORKING LANGUAGE(S): Indonesian

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Monitoring of water quality and sedimentation processes, water pollution
control and assessment of environmental aspects of water resources.

SUBJECTS:

water supply; water resources; groundwater; surface water; re-use of water;
biological water quality; physical water quality; chemical water quality;
analysis; control; standards; biological water treatment; physical water
treatment; chemical water treatment; plants; sanitation; waste utilization;
irrigation

INFORMATION SECTION:

Library holdings: 125
Doc/info staff: 3
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Bibliographies and standards/codes of practice
Availability information: Publications by arrangement and information
services free of charge
Information supply by: Mail, visit or photocopies
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.07

Indonesia
ID.003

ORGANIZATION:
P.T. DESERCO DEVELOPMENT SERVICES

--
Jalan Surabaya 8, Jakarta
Indonesia
tel: 351534, 343007; telex: deserco 46847 ia

CONTACT PERSON: Ir. M.V.E. Bongaerts, Technical Manager

TYPE OF ORGANIZATION: Private

TOTAL STAFF: Approx. 130

WORKING LANGUAGE(S): Indonesian; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Consulting engineering, covering various civil engineering fields including water supply and sanitation.

SUBJECTS:

water supply; water resources; groundwater; surface water; water quality; analysis; water distribution; water use; sanitation; collection and offsite treatment; composting; waste utilization; irrigation; wastewater disposal

INFORMATION SECTION:

Library holdings: Several
Doc/info staff: Approx. 5
Journal titles: Approx. 5
Entry: Restricted

INFORMATION SERVICES:

Publications: Several reports
Availability information: Information services and publications according to set charges
Information supply by: Phone, visit, telex, photocopies
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

INDONESIAN INSTITUTE OF SCIENCES

National Scientific Documentation Centre (Pusat Dokumentasi Ilmian Nasional)
Jalan Jenderal Gatot Subroto, P.O. Box 3065, Jakarta 10002

Indonesia

tel: 583465/7, 510719; telex: 45875 ia

CONTACT PERSON: Ms. Luwarsih Pringgoadisurjo, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): Indonesian; English

GEOGRAPHICAL SCOPE: National; Regional (Asia)

ACTIVITIES

Provision of scientific and technological information.

SUBJECTS:

water supply; water resources; water collection; biological water quality;
water distribution; water use; sanitation; onsite collection and treatment;
collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 67,500 (and 43,000 microforms; 11,000 standards)

Doc/info staff: --

Journal titles: 1,500

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual reports, other reports, bibliographies, manuals, standards/codes of practice

Availability information: Information services by arrangement according to set charges, free of charge, or on exchange basis

Information supply by: Oral (phone or visit), mail, telex, handwritten, typed or printed, photocopies and microcopies

Services provided: Information searching in response to enquiries, referral services, selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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**ORGANIZATION:
SAVE THE CHILDREN**

--
Jalan Singgah Mata SK9/35, Banda Aceh
Indonesia
tel: 23111

CONTACT PERSON: J. Martin Poland, Director for Indonesia

TYPE OF ORGANIZATION: Private

TOTAL STAFF: --

WORKING LANGUAGE(S): English; Indonesian

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Community based integrated rural development.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; dams; rainwater collection; biological water quality; water distribution; public standposts; house connections; pipes; pumps; sanitation; onsite collection and treatment; pit latrines; composting toilets; collection and offsite treatment; composting; waste utilization; irrigation; aquaculture; fertilization

INFORMATION SECTION:

Library holdings: Approx. 150
Doc/info staff: --
Journal titles: 2
Entry: Restricted

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports (community report series), manuals
Availability information: Publications according to set charges
Information supply by: Mail or visit
Services provided: Request handling (direct or referral services), selective dissemination of information

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Indonesia
ID.006

ORGANIZATION:

YAYASAN DIAN DESA (LIGHT OF THE VILLAGE FOUNDATION)

--

Jalan Kaliurang KM7 Jurugsari, P.O.Box 19, Bulaksumur, Yogyakarta

Indonesia

tel: (274) 87885; telex: diandesa 25370 tx booth

CONTACT PERSON: Mr. Edwin Sudjarwo, Head of Publication

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 120

WORKING LANGUAGE(S): Indonesian; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Appropriate technology for rural development in the areas of water supply, energy, agriculture, food technology, information and small scale industry.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; rainwater collection; water distribution; public standposts; pipes; specials; pumps; water use; sanitation; waste utilization; irrigation; aquaculture; biogas

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 6

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: "Tarik"-journal, bulletins, newsletters and manuals

Availability information: Information services and publications according set charges or on exchange basis

Information supply by: Mail or photocopies

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Indonesia
ID.007

ORGANIZATION:

DINAS KESEHATAN PROPINSI DAERAH ISTIMEWA ACEH
Sub. Dinas Pembinaan Kesehatan Lingkungan
Jalan Iman Bonjol 1, Banda Aceh
Indonesia
tel: 21835

CONTACT PERSON: Abdurrachman AR, SKM

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 13

WORKING LANGUAGE(S): Indonesian

GEOGRAPHICAL SCOPE: Regional

ACTIVITIES

Research and development in the field of water supply and sanitation, food and housing.

SUBJECTS:

water supply; water resources; water collection; infiltration galleries; biological water quality; chemical water quality; control; water distribution; pumps; water use; water savings; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; ponds; waste utilization; biogas; wastewater disposal; technological aspects; health aspects

INFORMATION SECTION:

Library holdings: 8
Doc/info staff: 3
Journal titles: 1
Entry: Restricted

INFORMATION SERVICES:

Publications: Annual and other reports
Availability information: --
Information supply by: Phone, mail, handwritten or typed, microcopies
Services provided: Request handling (referral services); inter-documentation and library loan

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Indonesia
ID.008

ORGANIZATION:
INDONESIAN INSTITUTE OF SCIENCES
Central Library (Perpustakaan Sentral-Iipf)
Jalan Cisitu, Sangkuriang, Bandung
Indonesia
tel: (22) 84232

CONTACT PERSON: Sri Widatoen Dagoto (Mrs), Chief Central Library

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 30

WORKING LANGUAGE(S): Indonesian

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Library services (cataloguing, circulation, inter-library loan, etc.),
information services (current awareness literature searching, abstract
indexing, clipping, compiling of bibliographies).

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use
of water; water collection; wells; dams; biological water quality; physical
water quality; chemical water quality; control; pumps; water use; water
demand; water wastage; leakage; water savings; physical water treatment;
chemical water treatment; plants; sanitation; waste utilization; irrigation;
aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 10,000
Doc/info staff: 9
Journal titles: 1,200

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports,
bibliographies
Availability information: Information services by arrangement or according
to set charges, publications on arrangement, free of charge or on exchange
basis
Information supply by: Phone, mail, visit, typed, photocopies, stencil
Services provided: Request handling (direct and referral services),
selective dissemination of information, current awareness services,
preparation of bibliographies, loans of documents, provision of copied
documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Ireland
IE.001

ORGANIZATION:
AN FORAS FORBARTHA

--
St. Martin's House, Waterloo Road, Dublin 4
Ireland
tel: (1) 764211; telex: 30846 forb ei

CONTACT PERSON: Noel Hughes, Library Officer

TYPE OF ORGANIZATION: --

TOTAL STAFF: 250

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The objective of the institute programme is to optimise the return from the resource potential of the physical environment and from investment in its development. The main efforts concern environmental management (regional planning water resource management, industrial planning and environmental quality) and environmental development (employment housing energy, transportation, roads and construction management). An Environment Documentation Centre provides information through participation in information networks, bilateral exchange agreements with international sources and through computerized access to data banks in other countries.

SUBJECTS:

water supply; water resources; groundwater; water quality

INFORMATION SECTION:

Library holdings: 30,000 (plus 35,000 microfiches)
Doc/info staff: 8
Journal titles: 350

INFORMATION SERVICES:

Publications: Environmental Information Bulletin (monthly), bibliographies
Availability information: Free inter-library exchange; other tariffs to be discussed

Information supply by: --

Services provided: Current awareness services, inter-documentation loans, retrospective searches

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Ireland
IE.002

ORGANIZATION:

NATIONAL INSTITUTE FOR PHYSICAL PLANNING AND CONSTRUCTION RESEARCH

Department of the Environment

St. Martin's House, Waterloo Road, Dublin 4

Ireland

tel: (1) 764211; telex: 30846 ei

CONTACT PERSON: Noel J. Hughes, Head Information and Library Services

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 200

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Environmental research in the area of water, roads, planning and construction.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; public standposts; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 115,000 (plus 60,000 on microform)

Doc/info staff: 7

Journal titles: 375

Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies, manuals

Availability information: Information services and publications by arrangement or on exchange basis

Information supply by: Phone, mail, telex, visit, typed, printed, photocopies, microcopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Israel
IL.001

ORGANIZATION:
HEBREW UNIVERSITY, FACULTY OF AGRICULTURE
Groundwater Research Centre
P.O. Box 12, Rehovoth 76100
Israel
tel: (54) 81340

CONTACT PERSON: Prof. S. Mandel, Head

TYPE OF ORGANIZATION: --

TOTAL STAFF: 3

WORKING LANGUAGE(S): English; French; German; Hebrew

GEOGRAPHICAL SCOPE: National

ACTIVITIES

International post graduate course in English, teaching Israeli students, research hydrodynamic dispersion, research environmental isotopes, research methodology of regional groundwater investigations.

SUBJECTS:

water supply; water resources; groundwater; water quality; water use; irrigation; sanitation; wastewater disposal; manpower and training aspects

INFORMATION SECTION:

Library holdings: 2,000

Doc/info staff: 0.5

Journal titles: 10

INFORMATION SERVICES:

Publications: --

Availability information: As resources permit, scale of charges

Information supply by: Visit, printed

Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Israel
IL.002

ORGANIZATION:
NATIONAL CENTRE FOR SCIENTIFIC AND TECHNOLOGICAL INFORMATION

--
84 Hachashmonaim Street, P.O. Box 20125, Tel Aviv 61201
Israel
tel: (3) 297781

CONTACT PERSON: M.R. Price, Editor

TYPE OF ORGANIZATION: National

TOTAL STAFF: 43

WORKING LANGUAGE(S): English; Hebrew

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Compilation and distribution of Desalination Abstracts and of Artificial Rainfall Newsletter; provision of consulting and advisory services.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: 5,000

Doc/info staff: 43

Journal titles: 250

INFORMATION SERVICES:

Publications: Desalination abstracts and artificial rainfall abstracts

Availability information: Services are available without restrictions

Information supply by: visit, photocopies

Services provided: Selective dissemination of information, abstracting and indexing, compilation of bibliographies, consulting and advisory services, photocopying of documents, manual literature searching, referral services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Israel
IL.003

**ORGANIZATION:
CIVIL ENGINEERING FACULTY**

--
Technion City, Haifa
Israel
tel: (4) 292731

CONTACT PERSON: Head of Environmental Engineering and Water
Resources Department

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Post-graduate courses in water resources engineering and management,
computer applications to resources management, modern irrigation
mechanization in agriculture.

SUBJECTS:

water supply; water resources; water quality; water distribution; water
treatment; technological aspects; sanitation; onsite collection and
treatment; collection and offsite treatment; waste utilization; wastewater
disposal

INFORMATION SECTION:

Library holdings: 10,000
Doc/info staff: 2.5
Journal titles: 80
Entry: --

INFORMATION SERVICES:

Publications: --
Availability information: As resources permit, on exchange basis,
photocopies are charged
Information supply by: Oral (phone, visit), public library and reading
facilities, photocopies
Services provided: Request handling, retrospective literature searches
(manual) for faculty members), selective dissemination of information (to
faculty members), inter-documentation and library loan, photocopy services,
abstracting and indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Israel
IL.004

ORGANIZATION:
WATER WORKERS ASSOCIATION

--
King Soul Avenue 8, P.O. Box 40003, Tel Aviv
Israel
tel: (3) 256138

CONTACT PERSON: Hagali Zeer, Director

TYPE OF ORGANIZATION: Public

TOTAL STAFF: 34

WORKING LANGUAGE(S): Hebrew

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The organization is advising and its activities range from professional advancement of dealing with irrigation and the development and improvement of the water systems to the planning of the water resources.

SUBJECTS:

water supply; water resources; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; pipes; specials; water savings; physical water treatment; chemical water treatment; biological water treatment; sanitation; collection and offsite treatment; water carried systems; ponds; waste utilization; irrigation; wastewater disposal

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Journals, manuals and other publications
Availability information: Publications according to set charges or free of charge
Information supply by: Mail, printed
Services provided: Direct request handling services, current awareness services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

India
IN.001

ORGANIZATION:
CENTRAL PUBLIC HEALTH AND ENVIRONMENTAL ENGINEERING ORGANIZATION
Ministry of Works and Housing
Nirman Bhawan, New Delhi 110 011
India
tel: 385732

CONTACT PERSON: Dr. S.R. Shukla, Advisor

TYPE OF ORGANIZATION: --

TOTAL STAFF: 16

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Assistance to the Government of India in administering the National Water Supply and Sanitation Programme, advice on implementation of rural and urban water supply and sanitation schemes, organization of training programmes, conferences etc; initiation of research and dissemination of technical knowledge through publication, brochures and type designs, laying down of standards and specifications.

SUBJECTS:

water supply; water resources; surface water; groundwater; water collection; rainwater collection; physical water quality; chemical water quality; biological water quality; standards; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; septic tanks and aqua privies; waste utilization; biogas; irrigation; wastewater disposal; sociological aspects; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: Manuals on water supply and treatment, sewerage and sewage treatment, reports on Delhi's water supply and sewerage, PHEE News Bulletin (quarterly)

Availability Information: Free of charge, as resources permit

Information supply by: Oral (phone, visit), handwritten, photocopies

Services provided: Request handling (referral services)

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR)
National Environmental Engineering Research Institute (NEERI)
Nehru Marg, Nagpur 440 020
India
tel: 26071; telex: 715233

CONTACT PERSON: S.G. Bhat, Head, Library and Documentation

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 620

WORKING LANGUAGE(S): English; Hindi

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Research & developmnt activities in the field of environm. engineering & related sciences. To undertake advisory serv., consultancy work and training activities. Demos of products and processes by pilot of full-scale units.

SUBJECTS:

water supply; groundwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; pipes; pumps; networks; leak detection; corrosion control; water use; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: approx. 23,500
Doc/info staff: 14
Journal titles: 6,000
Entry: Research and development personnel in the field

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, reports, manuals
bibliographies, product catalogues, standard/codes of practice, directories
Availability information: By arrangement, according to set charges, no charges, or on exchange basis
Info. supp. by: Telephone, mail, tlx, visit, printed, (micro)copies
Services prov.: Request handling, selective info. dissem., current awareness services, prep. of bibliographies, document loans, prov. of copied documents, translations, literature search, info. consolidation

NETWORK RELATIONS:

POETRI focal point

OTHER INFORMATION:

Linkages with various national and international organizations have been established.

81.11

India
IN.003

ORGANIZATION:

INDIAN INSTITUTE OF TECHNOLOGY

Dept. of Civil Engineering, Environmental Engineering Section

I.T.T. Hauz Khas, New Delhi 110 016

India

tel: 653575

CONTACT PERSON: Prof. R.C. Singh

TYPE OF ORGANIZATION: --

TOTAL STAFF: 4

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE:

ACTIVITIES

Teaching, research and consultancy. Teaching in environmental engineering at undergraduate, post-graduate and Ph.D. level, consultancy in water, sewage and industrial wastes including air pollution.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; surface water; water quality; analysis; standards; water distribution; networks; pumps; water use; leak detection; water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; ponds; water carried systems; waste utilization; biogas; irrigation; fertilization; composting; wastewater disposal; health aspects; technological aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Combined for whole institute

Doc/info staff: Combined for whole institute

Journal titles: --

INFORMATION SERVICES:

Publications: Annual report, research reports, consultancy reports, various books

Availability information: Charges are determined on quantum of work involved, academic discussions are free of charge, consultancy undertaken on payment basis

Information supply by: Oral (phone, visit), public library and reading facilities, photocopies, microformat

Services provided: Request handling (direct handling, referral services), retrospective literature searches (manual), current awareness services, selective dissemination of information, inter-documentation and library loan, photocopy services, translation services, advisory service, information user courses, the central library has all important books and journals on the subject

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

India
IN.004

ORGANIZATION:

GANDHIGRAM RURAL INSTITUTE (DEEMED UNIVERSITY)
Faculty of Rural Health and Sanitation
Ambathurai Post 624 309, Madurai District, Tamil Nadu
India
tel: 348 Chinnalapatti

CONTACT PERSON: Mr. K. Narayanasami, Dean

TYPE OF ORGANIZATION: Other public

TOTAL STAFF: 13

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The faculty provides teaching for sanitary inspectors and diplomas in sanitary science, training in public health, organises field training in the villages and arranges service programmes.

SUBJECTS:

water supply; water resources; water collection; water distribution; specials; pumps; water use; water treatment; sanitation; onsite collection and treatment; pit latrines; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 2
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports
Availability information: Information services by arrangement, according to set charges or on exchange basis
Information supply by: Oral (phone or visit), mail, typed or printed
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

India
IN.005

ORGANIZATION:

ALL INDIA INSTITUTE OF HYGIENE AND PUBLIC HEALTH
Dept. of Sanitary Engineering, Institution of Public Health Engineers
110 Chittaranjan Avenue, Calcutta 700 073
India
tel: 239211

CONTACT PERSON: Shri S.K. Neogi, Secretary General

TYPE OF ORGANIZATION: --

TOTAL STAFF: 25

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Survey of the status of community water supply and sanitation facilities.
Research and development works for low cost facilities. Impart in-service
training to the designers and operators.

SUBJECTS:

water supply; water resources; water quality; standards; water distribution;
water use; sanitation; wastewater disposal; sociological aspects; health
aspects; technological aspects; manpower and training aspects; institutional
aspects

INFORMATION SECTION:

Library holdings: 5,000
Doc/info staff: 8
Journal titles: 30

INFORMATION SERVICES:

Publications: Journal of the Institution of Public Health Engineers India
(quarterly), newsletters (monthly)
Availability information: Free of charge to members
Information supply by: Oral (phone, visit), public library and reading
facilities, handwritten, printed, photocopies
Services provided: Request handling (referral services)

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

India
IN.006

ORGANIZATION:

ALL INDIA INSTITUTE OF HYGIENE AND PUBLIC HEALTH
Public Health Engineering Section
110 Chittaranjan Avenue, Calcutta 700 073
India
tel: 345271

CONTACT PERSON: Prof. S. Subba Rao

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Training of students in Public Health Engineering at postgraduate level leading to M.E. (Ph.D) degree. Research in water treatment and distribution, waste and waste water treatment and disposal, river pollution, rural water supply and sanitation, tube well maintenance. Further activities concerning water quality standards for rural water supply, determination of parameters for groundwater pollution, method for chloride demand determination, latrine development, septic tank studies, industrial waste treatment and re-use.

SUBJECTS:

water supply; water resources; groundwater; water treatment; water distribution; water quality; standards; control; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; composting toilets; collection and offsite treatment; wastewater disposal; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: Request handling
Information supply by: --
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

India
IN.007

ORGANIZATION:

INDIAN INSTITUTE OF TECHNOLOGY

Civil Engineering Department, Environmental Engineering Section

Kanpur 208016

India

tel: 40066

CONTACT PERSON: Dr. A.V.S. Prabhakara Rao, Prof. Civil Eng.

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 8

WORKING LANGUAGE(S): English; Hindi

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Teaching undergraduates and postgraduates, research in areas of water supply and waste water treatment, air pollution and solid wastes.

SUBJECTS:

water supply; biological water quality; physical water quality; chemical water quality; analysis; water distribution; water use; water demand; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; composting toilets; septic tanks and aqua privies; collection and offsite treatment; water carried systems; ponds; composting toilets; waste utilization; irrigation; algae; biogas; manpower and training aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: None

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, surveys

Availability information: --

Information supply by: Visit, mail

Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

India
IN.008

ORGANIZATION:
INDIAN INSTITUTE OF TECHNOLOGY
Department of Civil Engineering, Environmental Engineering Section
Hauz Khas, New Delhi 110 016
India
tel: 653575

CONTACT PERSON: Prof. R.C. Singh, Professor-in-charge Environmental Engineering

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Education and research: teaching Bachelor and Masters technology and Ph.D. level, consultancy, research and development in environmental engineering.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: --
Doc/info staff: Approx. 5
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies, manuals, product catalogues, standards
Availability information: Reading facilities, central library
Information supply by: Visit
Services provided: Direct request handling, loans of documents (special permission), provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

India
IN.009

ORGANIZATION:

GANDHIGRAM INSTITUTE OF RURAL HEALTH AND FAMILY WELFARE TRUST

--

P.O. Ambathurai R.S., Madurai District, Tamil Nadu 624 309

India

tel: 346 Chinnalapatti

CONTACT PERSON: Shri A. Balahrishnan, Librarian

TYPE OF ORGANIZATION: NGO; voluntary

TOTAL STAFF: 218

WORKING LANGUAGE(S): English; Tamil

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research and training in the field of health, family welfare, demography, nutrition and other developmental programmes and activities.

SUBJECTS:

water supply; water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; collection and offsite treatment; composting; waste utilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 8,200

Doc/info staff: 2

Journal titles: 125

Entry: Restricted

INFORMATION SERVICES:

Publications: Periodicals, annual reports, product catalogues

Availability information: Information services free of charge or on exchange basis, publications according to set charges or on exchange basis

Information supply by: Phone, mail, visit, typed, printed

Services provided: Request handling (direct and referral services), selective dissemination of information, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

India
IN.010

ORGANIZATION:

VICTORIA JUBILEE TECHNICAL INSTITUTE
(Central Technological Institute, Maharashtra State)
Matunga, Bombay 400 019
India
tel: 8823231

CONTACT PERSON: B.L. Mahabal, Prof. Environmental Engineering

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 8

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Teaching and (applied) research to solve problems of industries in the field of water and sewage treatment, industrial waste and air pollution control, environmental and public health engineering courses.

SUBJECTS:

water supply; water resources; re-use of water; water collection; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; water use; water treatment; sanitation; onsite collection and treatment; septic tanks and aqua privies; waste utilization; biogas; wastewater disposal; manpower and training aspects

INFORMATION SECTION:

Library holdings: 4,000
Doc/info staff: 8
Journal titles: 10
Entry: Public

INFORMATION SERVICES:

Publications: --
Availability information: Information services on exchange basis
Information supply by: Phone, mail, typed, photocopies
Services provided: Direct request handling service, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Iran
IR.001

ORGANIZATION:

INSTITUTE FOR RESEARCH AND PLANNING IN SCIENCE AND EDUCATION
Iranian Documentation Centre (IRANDOC)
P.O. Box 51-1387, Teheran
Iran
tel: 662223, 662140; telex: 212889

CONTACT PERSON: A. Azaran
TYPE OF ORGANIZATION: National
TOTAL STAFF: 10
WORKING LANGUAGE(S): Farsi; English
GEOGRAPHICAL SCOPE: --

ACTIVITIES

The IRANDOC is established to collect, process and disseminate information in technical and social science. It does so through a national research library, publications, literature analysis for Iranian scientists and professors, participation in networks, and advisory services for other documentation centres.

SUBJECTS:

water supply; water resources; technological aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: Several reports, bibliographies, annual reports
Availability information: As resources permit
Information supply by: Oral, public library and reading facilities, printed, photocopies
Services provided: Request handling (direct handling and referral services), retrospective literature searches (manual), inter-documentation library loan, photocopy services, abstracting and indexing services, reference tools compilation, information and documentation staff training

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.11

Iran
IR.002

ORGANIZATION:
TEHERAN REGIONAL WATER BOARD

--
Keshavarrz Boulevard, Dehkadeh Ave, P.O. Box 5, Teheran
Iran
tel: 6171

CONTACT PERSON: Barmala Cysrus, Director Programming

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 5,700

WORKING LANGUAGE(S): English; Farsi

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Water supply and wastewater engineering including sanitation.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; dams; rainwater collection; chemical water quality; control; standards; analysis; water distribution; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; collection and offsite treatment; waste utilization; irrigation; technological aspects; manpower and training aspects; organizational and management aspects

INFORMATION SECTION:

Library holdings: 1,500
Doc/info staff: 20
Journal titles: 4
Entry: Restricted

INFORMATION SERVICES:

Publications: Annual and other reports
Availability information: --
Information supply by: --
Services provided: Direct request handling services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Jamaica
JM.001

ORGANIZATION:
NATURAL RESOURCE CONSERVATION DEPARTMENT (NRCD)

--
53 1/2 Molynes Road, P.O. Box 305, Kingston 10
Jamaica
tel: (92) 35155, 35070

CONTACT PERSON: Joyce A. Brown, Information Officer

TYPE OF ORGANIZATION: --

TOTAL STAFF:

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

To determine policies and standards in the management of the islands resources of our land and water, to review all development proposals, to collect and disseminate relevant information.

SUBJECTS:

water supply; water resources; water collection; water quality; control; sanitation; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 2,250
Doc/info staff: 7
Journal titles: 80
Entry: --

INFORMATION SERVICES:

Publications: Brochures on various aspects of the department's activities
Availability information: Free of charge, as resources permit, on exchange basis
Information supply by: Oral, public library and reading facilities, printed, photocopies, microformat
Services provided: Information user courses, information and documentation staff training, request handling (direct handling, referral services), current awareness services, selective dissemination of information, inter-documentation and library loan, abstracting and indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

MINISTRY OF ENVIRONMENT, SCIENCE AND TECHNOLOGY
National Resources Conservation Department
53 1/2 Molynes Road, Kingston 10
Jamaica
tel: (809) 9235155/5166/5070

CONTACT PERSON: Director Information Services

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 123

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National; Regional (Caribbean)

ACTIVITIES

Impact assesment and environmental monitoring. Environmental, watersheds and habitat management. Beaches and national parks monitoring and control.

SUBJECTS:

water supply; water resources; water collection; biological water quality; physical water quality; chemical water quality; analysis; water use

INFORMATION SECTION:

Library holdings: 5,000 (plus 5,000 slides)
Doc/info staff: 10
Journal titles: 111
Entry: Public

INFORMATION SERVICES:

Publications: Journal, annual and other reports, bibliographies, manuals, product catalogues and standards
Availability information: Information services by arrangement or free of charge, publications free of charge
Information supply by: Phone, mail, telex, visit, handwritten, typed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Jordan
JO.001

ORGANIZATION:
AMMAN WATER AND SEWERAGE AUTHORITY

--
P.O. Box 2412, Amman
Jordan
tel: 66111

CONTACT PERSON: Tahsin Sabbagh, General Manager

TYPE OF ORGANIZATION: --

TOTAL STAFF: 1,000

WORKING LANGUAGE(S): Arabic; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Provide water to municipality of Amman and greater Amman area. Sanitary sewerage system and treatment plant operated and maintained for greater Amman area. Storm drainage system provided and maintained.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal; sociological aspects; health aspects; technological aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: --

INFORMATION SERVICES:

Publications: Annual reports
Availability information: As resources permit
Information supply by: Oral (phone, visit)
Services provided: --

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Jordan
JO.002

ORGANIZATION:
WATER SUPPLY CORPORATION

--
P.O. Box 5012, Amman
Jordan
tel: 44215/6; telex: 1698 water

CONTACT PERSON: Mahmoud Hamid, Chief Public Relations and Information Section

TYPE OF ORGANIZATION: --

TOTAL STAFF: 1,200

WORKING LANGUAGE(S): Arabic; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Development, supply and distribution of water for domestic and industrial uses; sewerage water collection and treatment.

SUBJECTS:

water supply; water resources; water distribution; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; wastewater disposal; sociological aspects; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 360
Doc/info staff: 4
Journal titles: 24

INFORMATION SERVICES:

Publications: Annual reports
Availability information: Free of charge, as resources permit
Information supply by: Oral (phone, visit), telex, public library and reading facilities, handwritten, printed, photocopies
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Kenya
KE.001

ORGANIZATION:

FACULTY OF ENGINEERING, UNIVERSITY OF NAIROBI
Department of Mechanical, Civil and Agricultural Engineering
P.O. Box 30197, Nairobi
Kenya
tel: 334244; cable: versity nairobi

CONTACT PERSON: The Head of the Department

TYPE OF ORGANIZATION: --

TOTAL STAFF: Faculty about 100

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Sanitation and water treatment (civil), irrigation and food production (agricultural), new and renewable energy-design and production of devices (mechanical).

SUBJECTS:

water supply; water resources; water distribution; water collection; rainwater collection; water use; water treatment; health aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: The university library is used
Doc/info staff: Not yet set up
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: As resources permit
Information supply by: Printed, photocopies, microformat, public library and reading facilities
Services provided: Photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Kenya
KE.002

ORGANIZATION:
UNIVERSITY OF NAIROBI
Housing Research and Development Unit (HRDU)
P.O. Box 30197, Nairobi
Kenya
tel: 27441 ext. 212

CONTACT PERSON: T.S. Chana, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 16

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The HRDU develops techniques and materials for low cost housing, including related social and financial aspects. Apart from the on-going research activities on various aspects of housing, other projects include water supply and sewerage systems development.

SUBJECTS:

water supply; water collection; rainwater collection; water distribution; water use; water consumption; sanitation; onsite collection and treatment; collection and offsite treatment; pit latrines; composting toilets; septic tanks and aqua privies; waste utilization; wastewater disposal; sociological aspects; technological aspects; economic and financial aspects

INFORMATION SECTION:

Library holdings: About 1,000

Doc/info staff: 1

Journal titles: 41

INFORMATION SERVICES:

Publications: Reports and bibliographies

Availability information: Scale of charges, on exchange basis

Information supply by: Oral (phone, visit), public library and reading facilities, printed, photocopies

Services provided: Direct request handling, selective dissemination of information, photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Kenya
KE.003

ORGANIZATION:
MINISTRY OF CULTURE AND SOCIAL SERVICES
Women's Bureau Department of Social Services
P.O. Box 30276, Nairobi
Kenya
tel: 24204

CONTACT PERSON: Mrs. Sarah Wanjohi
TYPE OF ORGANIZATION: Government
TOTAL STAFF: Approx. 60
WORKING LANGUAGE(S): English; Kiswahili
GEOGRAPHICAL SCOPE: National

ACTIVITIES

Introduction of appropriate village technology and purchase of modern technology for rural women. Assisting women in home improvement schemes, organizing and funding women's self-help projects (for example in small scale water supply).

SUBJECTS:

water supply; water collection; water distribution; pipes; water use; water demand; water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; waste utilization; wastewater disposal; sociological aspects

INFORMATION SECTION:

Library holdings: 100
Doc/info staff: Approx. 10
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Annual report, bibliography on Kenyan women, manuals
Availability information: Information services and publications by arrangement
Information supply by: Mail, visit, typed
Services provided: Direct request handling, selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Kenya
KE.004

ORGANIZATION:
CONSTITUTIONAL AFFAIRS OFFICE
Kenya National Archives
P.O. Box 49210, Nairobi
Kenya
tel: 28959, 28020

CONTACT PERSON: Mr. Musila Musembi, Acting Chief Archivist

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 200

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Preservation and dissemination of information by archival materials and by a legal department and central government reference library.

SUBJECTS:

water supply; water use; water treatment; sanitation; onsite collection and treatment; sociological aspects; economic and financial aspects

INFORMATION SECTION:

Library holdings: 10,000
Doc/info staff: 30
Journal titles: 990
Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies, manuals
Availability information: Information services and publications according to set charges or on exchange basis
Information supply by: Phone, mail, visit, typed or printed
Services provided: Request handling (direct and referral services), current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Kenya
KE.005

ORGANIZATION:
BUKURA INSTITUTE OF AGRICULTURE

--
P.O. Box 23, Bukura Kakamega
Kenya
--

CONTACT PERSON: John Mark Njoroge

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): Lunja; Kiswahili; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Protection of catchment areas against pollution especially from soil erosion and sewage from disposal areas. Maintenance of the water source.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; dams; water quality; water distribution; pipes; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; pit latrines; waste utilization; biogas; irrigation; fertilization; wastewater disposal

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: Free of charge

Information supply by: Printed

Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
MINISTRY OF WATER DEVELOPMENT

--
P.O. Box 30521, Nairobi
Kenya
tel: 723103/12; cable: water nairobi

CONTACT PERSON: F.G. Mureithi, Secretary National Action Committee

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 12,000

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The ministry of water development has the overall responsibility for management, and development of water resources; planning, design implementation and operation of water supplies, sewage disposal and pollution control.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; waste utilization; irrigation; manpower and training aspects; health aspects; sociological aspects; technological aspects; organizational and management aspects; economic and financial aspects

INFORMATION SECTION:

Library Holdings: --
Doc/info staff: --
Journal titles: --
Entry: Public, with permission

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual reports
Availability information: --
Information supply by: Mail, telex, typed, photocopies
Services provided: Direct request handing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Kenya
KE.007

ORGANIZATION:
MINISTRY OF HEALTH

--
P.O. Box 30016, Nairobi
Kenya
tel: 720030

CONTACT PERSON: Chief Public Health Officer

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English; Swahili

GEOGRAPHICAL SCOPE: National

ACTIVITIES
Environmental health services.

SUBJECTS:
water supply; water collection; wells; rainwater collection; biological
water quality; physical water quality; chemical water quality; analysis;
control; standards; sanitation; onsite collection and treatment; pit
latrines; septic tanks and aqua privies; collection and offsite treatment;
water carried systems; ponds; waste utilization; irrigation; aquaculture;
wastewater disposal; health aspects; manpower and training aspects;
sociological aspects; organizational and management aspects; technological
aspects

INFORMATION SECTION:
Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: --

INFORMATION SERVICES:
Publications: --
Availability information: --
Information supply by: --
Services provided: --

NETWORK RELATIONS:
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OTHER INFORMATION:
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S3.09

Kiribati, Gilbert
Islands
(Kingsmill Group)
KI.001

ORGANIZATION:
MINISTRY OF HEALTH AND FAMILY PLANNING

--
P.O. Box 268, Bikenibeu, Tarawa
Kiribati, Gilbert Islands (Kingsmill Group)

--
CONTACT PERSON: Dr. Taketiau Beriki

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English; Kiribati

GEOGRAPHICAL SCOPE: National

ACTIVITIES
Family planning and health related activities.

SUBJECTS:
water supply; water resources; water collection; wells; infiltration
galleries; rainwater collection; biological water quality; physical water
quality; chemical water quality; control; standards; analysis; water
distribution; public standposts; house connections; pipes; pumps; networks;
leak detection; corrosion control; water use; water demand; water wastage;
leakage; water consumption; water savings; physical water treatment;
chemical water treatment; biological water treatment; plants; sanitation;
onsite collection and treatment; pit latrines; septic tanks and aqua
privies; collection and offsite treatment; cartage; water carried systems;
technological aspects; health aspects; sociological aspects; organizational
and management aspects

INFORMATION SECTION:
Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: --

INFORMATION SERVICES:
Publications: Annual and other reports
Availability information: Information services by arrangement
Information supply by: Phone, mail, telex, visit, handwritten, typed printed
Services provided: Request handling (direct and referral services),
selective dissemination of information, loans of documents, provision of
copied documents

NETWORK RELATIONS:
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OTHER INFORMATION:
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83.10

Kuwait
KW.001

ORGANIZATION:
MINISTRY OF ELECTRICITY AND WATER
Water Resources Development Centre
P.O. Box 12, Safat
Kuwait
tel: 433821; telex: electric kwt 2051

CONTACT PERSON: Zaid Fahad Al-Zaid, Under-secretary

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 5,980

WORKING LANGUAGE(S): Arabic; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Seawater desalination, groundwater exploration, exploitation and distribution, potable water production and treatment, all works related to community water works and distribution.

SUBJECTS:

water supply; groundwater; water collection; wells; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; technological aspects; health aspects; sociological aspects; manpower and training aspects; economic and financial aspects; organizational and management aspects

INFORMATION SECTION:

Library holdings: Approx. 6,000 (and 18,000 standards)
Doc/info staff: 16
Journal titles: 75
Entry: Only for those related to water activities

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports, bibliographies, manuals, standards/codes of practice
Availability information: Information services and publications free of charge or on exchange basis
Information supply by: Oral (phone or visit), mail, typed, printed or photocopies
Services provided: Request handling (direct or referral services), current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.09

St. Lucia, West
Indies
LC.001

ORGANIZATION:

ST. LUCIA CENTRAL WATER AUTHORITY

--

L'Ance Road, Castries

St. Lucia, West Indies

tel: 25344/6; telex: 6241 water lc

CONTACT PERSON: John M. Calixte, Secretary/Manager

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Supply of potable water islandwide.

SUBJECTS:

water supply; water resources; surface water; physical water quality; biological water quality; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; water use; water demand; water wastage; water consumption; leakage; water savings; physical water treatment; chemical water treatment; biological water treatment; manpower and training aspects; technological aspects; organizational and management aspects

INFORMATION SECTION:

Library holdings: Approx. 25

Doc/info staff: --

Journal titles: --

Entry: --

INFORMATION SERVICES:

Publications: Annual and other reports, training manuals

Availability information: Information services and publications by arrangement

Information supply by: Phone, mail, telex, visit, typed, printed or photocopies

Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Sri Lanka
LK.001

ORGANIZATION:

SRI LANKA INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH

--

363 Baudhaloka, Mawatha, P.O. Box 787, Colombo 7

Sri Lanka

--

CONTACT PERSON: E.E. Jeya Raj, Deputy director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 12

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Assessment of quality and treatment of water for potable and industrial use. Treatment and disposal of waste water and industrial effluents. Monitoring of water pollution and reclamation of polluted waters.

SUBJECTS:

water supply; water quality; control; water use; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal; technological aspects

INFORMATION SECTION:

Library holdings: 21,600

Doc/info staff: 3 graduates, 5 semi-professionals

Journal titles: 200

INFORMATION SERVICES:

Publications: Newsletter "Cisireach", bibliography on natural resources of Sri Lanka

Availability information: On exchange basis

Information supply by: Oral (phone, visit), public library and reading facilities, handwritten, photocopies

Services provided: Direct request handling, retrospective literature searches (manual), current awareness services, selective dissemination of information, preparation of bibliographies; inter-documentation & library loan, photocopy services, abstracting and indexing services, promotion of information use (user profile preparation, reference tools compilation, advisory service), information and documentation staff training

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Sri Lanka
LK.002

ORGANIZATION:
NATIONAL INSTITUTE OF HEALTH SCIENCES (NIHS)

--
P.O.Box 28, Kalutara
Sri Lanka
tel: (42) 2264

CONTACT PERSON: Lionel R. Amarakoon, Librarian

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 750

WORKING LANGUAGE(S): English; Sinhalese; Tamil

GEOGRAPHICAL SCOPE: National

ACTIVITIES

NIHS is the leading community health training institute of Sri Lanka's Department of Health Services. It coordinates, monitors and sets standards for training of community health personnel and organizes training courses for all categories of health personnel.

SUBJECTS:

water supply; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal; manpower and training aspects

INFORMATION SECTION:

Library holdings: 5,200 (also cassettes, films, slides)
Doc/info staff: 2
Journal titles: 55
Entry: Public

INFORMATION SERVICES:

Publications: Health Science News Bulletin, journals, bibliographies on health, annual and various other reports, product catalogues, directories
Availability information: By arrangement, free of charge or on exchange basis
Information supply by: Phone, mail, visit, typed, photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents, translations, Directory of Health Sciences libraries in Sri Lanka

NETWORK RELATIONS:

POPIN

OTHER INFORMATION: --

81.11

Sri Lanka
LK.003

ORGANIZATION:
MAHAWELI AUTHORITY OF SRI LANKA

--
248 Galle Road, Colombo 4
Sri Lanka
--

CONTACT PERSON: Dr. Priennie Ranatunga

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES
Community service.

SUBJECTS:
water supply; sanitation

INFORMATION SECTION:
Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:
Publications: --
Availability information: No restrictions, no charges
Information supply by: --
Services provided: Direct request handling

NETWORK RELATIONS:
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OTHER INFORMATION:
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ORGANIZATION:

LANKA JATIKA SARVODAYA SHRAMADANA SANGAMAYO MOVEMENT

--
 "DAMSAK MANDIRA", 98 Rawatawatte Road, Moratuwa
 Sri Lanka
 tel: 727159, 72255

CONTACT PERSON: C.R. Ekanayake, Vice President

TYPE OF ORGANIZATION: --

TOTAL STAFF: 15

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Rural technical services providing good water and sanitation, development of rural water sources, educating rural people on pollution and good sanitation.

SUBJECTS:

water supply; sanitation; collection and offsite treatment; wastewater disposal

INFORMATION SECTION:

Library holdings: Several holdings
 Doc/info staff: --
 Journal titles: --
 Entry: --

INFORMATION SERVICES:

Publications: DANA (magazine in English)
 Availability information: Free of charge, and scale of charges
 Information supply by: Oral (phone, visit), printed, photocopies
 Services provided: Request handling (referral services), current awareness services, selective dissemination of information, photocopy services, translation services, advisory service

NETWORK RELATIONS:

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OTHER INFORMATION:

This organization has numerous international contacts.

ORGANIZATION:

NATIONAL WATER SUPPLY AND DRAINAGE BOARD (NWS&DB)

--

Galle Road, P.O. Box 14, Mount Lavinia, Ratmalana
Sri Lanka

tel: (1) 715281/3; telex: 21482

CONTACT PERSON: C. Buwaneswaran, Deputy General Manager

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 5,525

WORKING LANGUAGE(S): English; Sinhalese; Tamil

GEOGRAPHICAL SCOPE: National

ACTIVITIES

To develop, provide, operate and control efficient co-ordinated water supply and to distribute water for public domestic or industrial purpose. To establish, develop, operate and control an efficient co-ordinated sewerage system.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; water carried systems; wastewater disposal; manpower and training aspects; health aspects; technological aspects; sociological aspects; economic and financial aspects; organizational and management aspects

INFORMATION SECTION:

Library holdings: 4,000

Doc/info staff: 20

Journal titles: 48

Entry: Public

INFORMATION SERVICES:

Publications: Administrative and other reports, papers, government publications, proceedings and acts

Availability information: Information services free of charge, on exchange basis; publications by arrangement, free of charge or on exchange basis

Information supply by: Phone, mail, telex, visit, printed, typed, photocopies

Services provided: Request handling (direct and referral services), current awareness services, preparation of bibliographies, loans of documents

NETWORK RELATIONS:

Sri Lanka Scientific and Technical Information Network

OTHER INFORMATION:

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84.01

Sri Lanka
LK.006

ORGANIZATION:

CENTRAL ENVIRONMENTAL AUTHORITY

--
Maligawatte New Town, Colombo 10
Sri Lanka
tel: 549455/6

CONTACT PERSON: Librarian

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 49

WORKING LANGUAGE(S): English; Sinhalese; Tamil

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Policy making and coordinating agency for environmental protection and management. The library acts as the National Environmental Resource Centre.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal; technological aspects; health aspects; sociological aspects; organizational and management aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library Holdings: --
Doc/info staff: 10
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters and annual reports
Availability Information: Information services and publications by arrangement, free of charge or on exchange basis
Information supply by: Phone, mail, telex, visit, typed, printed, photocopies, microcopies
Services provided: Direct request handling (referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

84.01

Sri Lanka
LK.007

ORGANIZATION:

NATURAL RESOURCES, ENERGY AND SCIENCE AUTHORITY OF SRI LANKA
Sri Lanka Scientific and Technical Information Centre (SLSTIC)
47/5 Maitland Place, Colombo 7
Sri Lanka
tel: 596771/3

CONTACT PERSON: N.U. Yapa, Director of Information

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 20

WORKING LANGUAGE(S): English; Sinhalese

GEOGRAPHICAL SCOPE: National

ACTIVITIES

To collect, process and disseminate information related to science and technology. The centre acts as a national coordinating centre for scientific information and compiles a national science index.

SUBJECTS:

water supply; sanitation; technological aspects

INFORMATION SECTION:

Library holdings: 8,000 (on microform 100)
Doc/info staff: 8
Journal titles: 145
Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies
Availability information: Information services and publications according to set charges or on exchange basis
Information supply by: Phone, mail, visit, typed, photocopies
Services provided: Direct request handling services, current awareness services, preparation of bibliographies, loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Morocco
MA.001

ORGANIZATION:
OFFICE NATIONAL D'EAU POTABLE (ONEP)

--
6 bis, Rue Patrice Lumumba, Rabat
Morocco
tel: 21281; telex: 31982 paprei

CONTACT PERSON: Mr. Filali, General Inspector

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): French; Arabic

GEOGRAPHICAL SCOPE: National

ACTIVITIES
Production and distribution of drinking water.

SUBJECTS:
water supply; water resources; groundwater; surface water; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; plants

INFORMATION SECTION:
Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: Restricted

INFORMATION SERVICES:
Publications: Annual and other reports, bibliographies and standards
Availability information: Information services and publications by arrangement, free of charge or on exchange basis
Information supply by: Phone, mail, telex, visit, typed, printed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:
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OTHER INFORMATION:
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83.10

Morocco
MA.002

ORGANIZATION:

MINISTRY OF PLANNING AND HUMAN RESOURCES DEVELOPMENT
National Centre of Documentation
P.O. Box 826, Rabat
Morocco
tel: 74944; telex: cnd 31052 m rabat

CONTACT PERSON: Ahmed Fassi-Fihri, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 106

WORKING LANGUAGE(S): Arabic; French; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The National Centre of Documentation handles the scientific and economic documentation of Morocco, and includes agriculture, biology and technology not specific related to water supply and sanitation

SUBJECTS:

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INFORMATION SECTION:

Library holdings: Approx. 5,000 microforms
Doc/info staff: 39
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Annual reports, bibliographies, periodicals (IDEST - Index de la Documentation Economique, Scientifique et Technique; Thesaurus du Maroc), others (Catalogue Collectif des Periodiques Scientifiques et Techniques; Repertoire des Bibliotheques et Centres de Documentation du Maroc)

Availability information: Information services and publications according to set charges or on exchange basis

Information supply by: Oral (phone or visit), mail, telex, photocopies and microcopies

Services provided: Direct request handling, preparation of bibliographies, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Madagascar
MG.001

ORGANIZATION:
SERVICE OF ENERGY
Direction of Mines and Energy
Boite Postale 896, Antananarivo
Madagascar
tel: 27292 ext. 385

CONTACT PERSON: Mr. Emmanuel Randrianarisoa, Head of the Service of Energy

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Agency is coordinating the country's national water supply and energy policy and administration.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; pumps; networks; leak detection; water use; water demand; water consumption; biological water treatment; physical water treatment; chemical water treatment; plants

INFORMATION SECTION:

Library holdings: 120
Doc/info staff: --
Journal titles: 500
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, manuals
Availability information: Information services and publications by arrangement or on exchange basis
Information supply by: Oral (phone or visit), mail, handwritten or microcopies
Services provided: Direct request handling, selective dissemination of information, loans of documents, translations, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.03

Mali
ML.001

ORGANIZATION:
DIRECTION NATIONALE DE L'HYDRAULIQUE ET DE L'ENERGIE

--
Boite Postale 66, Tsan Nako
Mali
tel: 222588/9; telex: 406

CONTACT PERSON: Djire Aboul Aye Souadou

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 366

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Dealing with surface water, groundwater and energy for water supply in towns and remote areas.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; dams; physical water quality; chemical water quality; analysis; water distribution; pumps; water use; water demand; water consumption; water savings; sanitation; waste utilization; biogas

INFORMATION SECTION:

Library holdings: 7,500
Doc/info staff: 2
Journal titles: 35
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports
Availability information: Information services and publications by arrangement, on exchange basis
Information supply by: Telex, visit, typed, photocopies
Services provided: Selective dissemination of information, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Malawi
MW.001

ORGANIZATION:
CHRISTIAN SERVICE COMMITTEE

--
P.O. Box 51294, Limbe
Malawi
tel: 652877; telex: castimal mi

CONTACT PERSON: Maum Pang-Alala, Project Officer

TYPE OF ORGANIZATION: Non-governmental

TOTAL STAFF: Approx. 25

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Social economic development programmes in the field of water, health, education and community social services.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; biological water quality; physical water quality; chemical water quality; water distribution; public standposts; house connections; pumps; networks; leak detection; corrosion control; water use; water demand; water consumption; water treatment; sanitation; waste utilization; fertilization

INFORMATION SECTION:

Library holdings: Approx. 10
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Annual and evaluation reports on water supply
Availability information: Information services on exchange basis
Information supply by: Phone, mail or telex
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Malawi
MW.002

ORGANIZATION:
UNIVERSITY OF MALAWI
The Polytechnic Department
Private Bag 303, Chichiri, Blantyre 3
Malawi
tel: 632144

CONTACT PERSON: Dr. L.G.M. Mhango, Head of Maths and Science, Vice
Principal

TYPE OF ORGANIZATION: Government

TOTAL STAFF: Approx. 5

WORKING LANGUAGE(S): English; Chichewa

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Teaching activities in the following professional areas: engineering (civil, electrical, and mechanical), public health, accountancy, physics, computer science, chemistry, biology (biochemistry, microbiology) and office arts.

SUBJECTS:

water supply; water collection; biological water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; collection and offsite treatment; waste utilization; wastewater disposal; technological aspects; health aspects; sociological aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: "Mo Yo" Magazine, bibliographies, reports
Availability information: All kinds of information and publications by arrangement
Information supply by: Oral (phone or visit), mail, photocopies
Services provided: Request handling (direct or referral services), current awareness services, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Mexico
MX.001

ORGANIZATION:

COMISION DE AGUAS DEL VALLE DE MEXICO (CAVM)

--
Balderas 55, Piso 5, Mexico 1 DF
Mexico
tel: 5100533

CONTACT PERSON: Ing. Alberto J. Barocio Moll, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 3,000

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Programmes, development of projects, construction, operation and
conservation of water supply in the "Valle de Mexico".

SUBJECTS:

water supply; water resources; water use; water treatment; sanitation; waste
utilization

INFORMATION SECTION:

Library holdings: 500
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: "Boletines Hidroligicos"
Availability information: No restrictions, no charges
Information supply by: --
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Mexico
MX.002

ORGANIZATION:
PIACT DE MEXICO AC

--
Shakespeare 27, Col. Anzures, Mexico 5 DF
Mexico
tel: 5113311

CONTACT PERSON: Alfredo J. Gallegos, Executive Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 12

WORKING LANGUAGE(S): English; Spanish; French

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Adaptation of products in the area of health and specifically in contraception. The testing of oral rehydration salts in different presentations in order to increase the understanding and use of the oral rehydration program sponsored by the World Health Organization.

SUBJECTS:

water supply; health aspects

INFORMATION SECTION:

Library holdings: 265
Doc/info staff: 2
Journal titles: 62

INFORMATION SERVICES:

Publications: UNFPA/PIACT mailing/PIACT product news/PIACT papers
Availability information: As resources permit
Information supply by: Oral (phone, visit), handwritten, photocopies
Services provided: Direct request handling, retrospective literature searches, photocopy services, translation services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Malaysia
MY.001

ORGANIZATION:

MINISTRY OF HEALTH

Public Health Engineering Section, Division of Engineering Services
1st Floor, Block C. Office Complex, Jalan Dungun Damansara Heights, Kuala Lumpur
Malaysia
tel: (3) 940540; cable: minhealth kuala lumpur

CONTACT PERSON: Mr. Lum Weng Kee, Director Engineering Services

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 1,100

WORKING LANGUAGE(S): Malay; English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Planning, budgetting and monitoring Rural Environmental Sanitation Programme, monitoring drinking water quality, protection from environmental pollution, planning, testing, implementation and consultancies related to sanitation, waste disposal, water supply and environmental pollution.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; house connections; pipes; water use; water demand; water wastage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 200

Doc/info staff: 11

Journal titles: 25

Entry: Restricted

INFORMATION SERVICES:

Publications: Annual and other reports, manuals and standards

Availability information: Information services by arrangement or free of charge, publications by arrangement or on loan basis

Information supply by: Phone, mail, visit, typed, photocopies

Services provided: Request handling (direct and referral services), selective dissemination of information, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.09

Mozambique
MZ.001

**ORGANIZATION:
DIRECCAO NACIONAL DE AQUAS**

--
P.O. Box 1611, Maputo
Mozambique
telex: 6521 mo

CONTACT PERSON: Eng. Arnaldo Lopes Pereira, National Director
TYPE OF ORGANIZATION: Government
TOTAL STAFF: 200
WORKING LANGUAGE(S): Portuguese; English
GEOGRAPHICAL SCOPE: National

ACTIVITIES

Management and planning of water resources, propose and control water networks, storing and processing of hydrological and geohydrological data; supervision of entities responsible for water supply, hydraulic works, drainage and other works related with water, multi-use dam operation; studies and projects on hydrology, geohydrology, water resources assessment and planning, and on hydraulic works ; all other activities related with water, except irrigation.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; dams; sanitation; onsite collection and treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 2,000
Doc/info staff: 3
Journal titles: 12
Entry: Public, with permission

INFORMATION SERVICES:

Publications: Technical reports, basin studies, hydrographic maps, studies, projects, daily rain data and river flows in Mozambique
Availability information: Depending on the kind of information required
Information supply by: Phone, visit, telex
Services provided: Direct request handling services, selective dissemination of information, data dissemination

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.09

Mozambique
MZ.002

ORGANIZATION:

UNIDADE DE DIRECCAO DE ABASTECIMENTO DE AQUA E SANEAMENTO

--
Av. Eduardo Mondlane 1392, Maputo
Mozambique

--

CONTACT PERSON: Eng. M.I.C. Alvarinho

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 100

WORKING LANGUAGE(S): Portuguese

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Setting up and supervision of provincial water supply companies,
coordination of rural water supply constructions, construction of urban water
supply, drainage and sewerage works.

SUBJECTS:

water supply; sanitation; onsite collection and treatment; pit latrines;
collection and offsite treatment; wastewater disposal; organizational and
management aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --
Entry: --

INFORMATION SERVICES:

Publications: Reports on specific projects by consulting engineers,
technical notes on specific problems and standard drawings
Availability information: As resources permit
Information supply by: Oral (phone, visit), telex
Services provided: Request handling, selective dissemination of information

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Niger
NE.001

ORGANIZATION:
DIRECTION DES RESSOURCES EN EAU

--
Boite Postale 257, Niamey
Niger
tel: 723042

CONTACT PERSON: Aboubacar Sidikou, Documentalist

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 45

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Planning studies on water resources in Niger, general inventarization and maintenance of water supply systems, implementation of hydraulic programmes.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; physical water quality; chemical water quality; control; standards; analysis; water distribution; pipes; specials; pumps; technological aspects; organizational and management aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 1,500

Doc/info staff: --

Journal titles: 45

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports

Availability information: Information services and publications by arrangement, free of charge

Information supply by: Visit

Services provided: Request handling (direct and referral services)

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Nicaragua
NI.001

ORGANIZATION:
MINISTERIO DE SALUD
Complejo Civico Camilo Orrega
Modulo 22, Managua
Nicaragua

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CONTACT PERSON: Roberto Jimenez

TYPE OF ORGANIZATION: -

TOTAL STAFF: 8

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Presently the Environmental Hygiene Department is implementing a project in the rural area by means of which small water supplies and latrines are being built.

SUBJECTS:

water supply; water quality; control; analysis; water collection; wells; sanitation; onsite collection and treatment; collection and offsite treatment; health aspects

INFORMATION SECTION:

Library holdings: None

Doc/info staff: 1

Journal titles: None

INFORMATION SERVICES:

Publications: Project Progress Reports

Availability information: The price and shipment costs will be charged, in order to be delivered

Information supply by: The reports are printed

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Netherlands, The
NL.001

ORGANIZATION:

DHV CONSULTING ENGINEERS

Technical Working Group on Development Cooperation
Laan 1914 no. 35, P.O. Box 85, 3800 AB Amersfoort
Netherlands, The
tel: (33) 689111; telex: 79348 dhv nl

CONTACT PERSON: J.L. Costa

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 950

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

DHV provides professional services to governments, local authorities, public utilities and private companies, as well as international organizations in the fields of water supply, sanitation, small scale industries, building, low cost housing, and civil engineering.

SUBJECTS:

water supply; water treatment; sanitation; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 5,000

Doc/info staff: 3

Journal titles: 50

INFORMATION SERVICES:

Publications: Books (small scale waste water treatment, slow sand filtration) and many reports (project reports)

Availability information: Free of charge

Information supply by: Oral (phone, visit), handwritten, printed, photocopies

Services provided: Direct request handling, photocopy services, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Nepal
NP.001

ORGANIZATION:
HEALTH SERVICES OFFICE
United Mission to Nepal
P.O. Box 126, Kathmandu
Nepal
tel: 12668

CONTACT PERSON: Health Service Secretary

TYPE OF ORGANIZATION: --

TOTAL STAFF: 5 (water only)

WORKING LANGUAGE(S): English; Nepali

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Community health programme with community drinking water projects based on local needs and local participation, contributing advice, pipes and cement sanitation, various local inexpensive pit-latrines models, responding to felt needs, providing cement slab, piece of tin and advice.

SUBJECTS:

water supply; water collection; water distribution; pipes; institutional aspects; health aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: Annual reports
Availability information: Free of charge
Information supply by: Handwritten
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Oman
OM.001

ORGANIZATION:
PUBLIC AUTHORITY FOR WATER RESOURCES

--
P.O. Box 5575, Muscat
Oman
tel: 703606; telex: 3628 awr

CONTACT PERSON: Dr. Robert Dale, Technical Secretary

TYPE OF ORGANIZATION: --

TOTAL STAFF: 40

WORKING LANGUAGE(S): English; Arabic

GEOGRAPHICAL SCOPE: --

ACTIVITIES
Water resources appraisal.

SUBJECTS:
water supply; water resources; manpower and training aspects

INFORMATION SECTION:
Library holdings: 50
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:
Publications: --
Availability information: Free of charge
Information supply by: Visit
Services provided: Documents only may be used at the Authority's library

NETWORK RELATIONS:
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OTHER INFORMATION:
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81.11

Panama
PA.001

ORGANIZATION:
MINISTERIO DE SALUD
Direccion de Investigaciones
Apartado 2048, Panama 1
Panama

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CONTACT PERSON: Dr. Jorge Montalvan

TYPE OF ORGANIZATION: --

TOTAL STAFF: 5

WORKING LANGUAGE(S): Spanish; English; French; Portuguese

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Community participation, appropriate technology.

SUBJECTS:

water supply; water collection; sanitation; onsite collection and treatment;
pit latrines; health aspects; technological aspects; institutional aspects

INFORMATION SECTION:

Library holdings: 300

Doc/info staff: 1

Journal titles: 20

INFORMATION SERVICES:

Publications: Reports concerning the research activities

Availability information: Free of charge, as resources permit, on exchange
basis

Information supply by: Visit, handwritten, printed, photocopies

Services provided: Request handling (direct handling, referral services),
selective dissemination of information

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Peru
PE.001

ORGANIZATION:

DIRECCION GENERAL DE OBRAS SANITARIAS (DGOS)

Ministerio de Vivienda y Construccion

Domingo Cueto no. 120, piso 7, Lima

Peru

tel: 723998; telex: 25158 Peru

CONTACT PERSON: Advisor to the Minister of Housing

TYPE OF ORGANIZATION: --

TOTAL STAFF: 300

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Carrying out infrastructural works such as water supply and sewerage systems in urban areas. Operation of water supply and sewerage services and commercial operation of local institutions.

SUBJECTS:

water supply; water resources; water collection; biological water quality; chemical water quality; physical water quality; water distribution; house connections; public standposts; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; wastewater disposal; sociological aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Ministry's central library

Doc/info staff: 2

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges, under approval of the Ministry

Information supply by: Oral (phone, visit), public library and reading facilities, printed, photocopies

Services provided: Direct request handling, selective dissemination of information, inter-documentation and library loan

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Peru
PE.002

ORGANIZATION:
EMPRESA DE SANEAMIENTO DE LIMA (ESAL)
Av. Venezuela no. 812, Lima
Peru
tel: 365166, 365473

CONTACT PERSON: Ing. Mario Bustamente Ramos

TYPE OF ORGANIZATION: --

TOTAL STAFF: 900

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Planning, design, construction, operation and maintenance and administration of water supply and sewerage systems in the city of Lima, comprising also other urban settlements in the province of Lima.

SUBJECTS:

water supply; water distribution; sanitation; wastewater disposal

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges

Information supply by: --

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Peru
PE.003

ORGANIZATION:
EMPRESA DE SANEAMIENTO DE AREQUIPA

--
Avenida San Jeronino 515-A, Umacollo, Arequipa
Peru
tel: 215190; cable: esar

CONTACT PERSON: Juan Flores Motta

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 57

WORKING LANGUAGE(S): --

GEOGRAPHICAL SCOPE: National; Regional

ACTIVITIES

Executes the policy of the government in development, control, operation and maintenance of the services of potable water and sanitation. Specific functions are the planning, programming, financing and preparation of projects and the carrying out of work in the area of water and sanitation.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; infiltration galleries; biological water quality; physical water quality; chemical water quality; control; analysis; water distribution; public standposts; house connections; pipes; specials; pumps; water use; water demand; water savings; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; irrigation; fertilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 750
Doc/info staff: 2
Journal titles: --

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters and manuals
Availability information: Information services by arrangement, publications on exchange basis
Information supply by: Mail, visit, typed, printed photocopies
Services provided: Direct request handling services, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Peru
PE.004

ORGANIZATION:
DIRECCION GENERAL AGUAS, SUELOS E IRRIGACIONES

--
JR. Washington 1894, Lima
Peru
--

CONTACT PERSON: Ing. Andres Nunez Lara

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 200

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National; Regional

ACTIVITIES

The principal functions of the Directorate General of Water, Landuse and Irrigation are to establish regulations, carry out, supervise and evaluate activities of the governance of water resources, of conservation and land use and irrigation.

SUBJECTS:

water supply; water resources; groundwater; surface water; water use; water consumption; sanitation; waste utilization; irrigation; technological aspects; organizational and management aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 2,000
Doc/info staff: 4
Journal titles: 14
Entry: Public --

INFORMATION SERVICES:

Publications: Reports
Availability information: --
Information supply by: Visit to the organization
Services provided: Direct request handling services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Peru
PE.005

ORGANIZATION:

SERVICIO NACIONAL DE ABASTECIMIENTO DE AGUA POTABLE Y ALCANTARILLADO
(SENAPA)

--

Domingo Cueto No. 120, piso 7, Jesus Maria, Lima

Peru

tel: 714920; telex: 25150 pe mimvicom

CONTACT PERSON: Ing. Mercedes Miller

TYPE OF ORGANIZATION: Other public

TOTAL STAFF: 3,500

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Development, control, operation and maintenance of the services of potable water and urban sanitation according to the national standard. Specific functions are in the areas of planning, programming, financing, establishing regulations, preparation of projects and carrying out work, consulting, technical assistance, and evaluation of results.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; infiltration galleries; dams; physical water quality; chemical water quality; control; standards; analysis; water distribution; house connections; pipes; specials; pumps; networks; leak detection; water use; water demand; water wastage; water consumption; water savings; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; cartage; ponds; composting toilets

INFORMATION SECTION:

Library holdings: 750

Doc/info staff: 2

Journal titles: --

Entry: Public --

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters and annual reports

Availability information: --

Information supply by: Phone, mail, telex, typed, printed, photocopies

Services provided: Direct request handling services, selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

POETRI focal point

OTHER INFORMATION:

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81.11

Papua New Guinea
PG.001

ORGANIZATION:
UNIVERSITY OF PAPUA NEW GUINEA
Department of Community Medicine
P.O. Box 5623, Boroko
Papua New Guinea
--

CONTACT PERSON: Dr. Kingsley Gee, Lecturer

TYPE OF ORGANIZATION: --

TOTAL STAFF: 6

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Studies of effect upon health of village water supplies. Training of medical students and auxiliary health workers in community water supply related problems.

SUBJECTS:

water supply; water use; sociological aspects; health aspects

INFORMATION SECTION:

Library holdings: Access to University Medical Library

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: Free of charge

Information supply by: Oral (phone, visit)

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Papua New Guinea
PG.002

ORGANIZATION:

NATIONAL WATER SUPPLY AND SEWERAGE BOARD

Department of Works and Supply

P.O.Box 1108, Boroko

Papua New Guinea

tel: 256666, 256749, 256550, 256776; telex: ne 22114 hqdw

CONTACT PERSON: E.S. Webbers, Principal Engineer Water and Sewerage

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 70

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The planning, design and operation of water supplies and sewerage systems for urban areas and government institutions.

SUBJECTS:

water supply; groundwater; rainwater; surface water; water collection; wells; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; wastewater disposal

INFORMATION SECTION:

Library holdings: 500

Doc/info staff: 1

Journal titles:--

Entry: By appointment

INFORMATION SERVICES:

Publications: Mainly investigation and feasibility studies for town water supply and sewerage projects, annual and other reports

Availability information: Publications and information services by arrangement

Information supply by: Mail, visit, photocopies

Services provided: Loans of documents and reports

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Papua New Guinea
PG.003

ORGANIZATION:
HIGHLANDS AGRICULTURAL COLLEGE

--
P.O. Box 312, Mount Hagen WHP
Papua New Guinea
tel: 551229

CONTACT PERSON: Rural Life Development Lecturer

TYPE OF ORGANIZATION: --

TOTAL STAFF: 2

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Community health course includes information on the importance of safe watersupplies and proper sanitation to prevent spreading of diseases. The college library has some reference books on sanitation and water supplies.

SUBJECTS:

water supply; water resources; water collection; water treatment;
sociological aspects; health aspects; technological aspects; sanitation;
onsite collection and treatment; collection and offsite treatment; waste
utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 7
Doc/info staff: 2
Journal titles: --

INFORMATION SERVICES:

Publications: Books
Availability information: Free of charge
Information supply by: Public library and reading facilities
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Papua New Guinea
PG.004

ORGANIZATION:
IMMANUEL LUTHERAN HOSPITAL

--

P.O. Box 181, Wapenamanda
Papua New Guinea
tel: 57-1033

CONTACT PERSON: D. Weinhold

TYPE OF ORGANIZATION: --

TOTAL STAFF: 80

WORKING LANGUAGE(S): English; Pidgin

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Training aid post orderlies, demonstration of water collection and distribution at hospitals, improving own facilities using more water, biogas digestion of human waste and disposal.

SUBJECTS:

water supply; water collection; wells; rainwater collection; water distribution; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; waste utilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: As resources permit
Information supply by: Oral (phone, visit) handwritten, printed
Services provided: --

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Papua New Guinea
PG.005

ORGANIZATION:

NATIONAL APO TRAINING SCHOOL
c/o Division of Health
P.O. Box 491, Mount Hagen WHP
Papua New Guinea
tel: 551355; telex: 551333

CONTACT PERSON: Nisia Rupha

TYPE OF ORGANIZATION: --

TOTAL STAFF: 21

WORKING LANGUAGE(S): English; Pidgin

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Demonstration and implementation of simple improved water supply in rural community and improvement of simple faecal disposal methods.

SUBJECTS:

water supply; water resources; surface water; groundwater; rainwater; water collection; wells; water quality; control; water distribution; networks; specials; water use; sanitation; onsite collection and treatment; waste utilization; wastewater disposal; sociological aspects; health aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: As resources permit
Information supply by: Visit
Services provided: Referral services, current awareness services, selective dissemination of information, dissemination of information through health education, practical demonstration and through pamphlets

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Papua New Guinea
PG.006

ORGANIZATION:
SOUTH PACIFIC APPROPRIATE TECHNOLOGY FOUNDATION (SPATF)
Office of Village Development
P.O. Box 6937, Boroko Port Moresby
Papua New Guinea
tel: 212498

CONTACT PERSON: Andrew Kauleni
TYPE OF ORGANIZATION: --
TOTAL STAFF: 28
WORKING LANGUAGE(S): English; local dialect
GEOGRAPHICAL SCOPE: --

ACTIVITIES
Development and promotion of inexpensive and simple equipment for water supply and sanitation.

SUBJECTS:
water supply; water collection; water distribution; sanitation; onsite collection and treatment; technological aspects; economic and financial aspects

INFORMATION SECTION:
Library holdings: --
Doc/info staff: 2
Journal titles: --

INFORMATION SERVICES:
Publications: --
Availability information: Free of charge, scale of charges, on exchange
Information supply by: Oral (phone, visit), handwritten, printed, photocopies
Services provided: Direct request handling (referral services), current awareness services, selective dissemination of information, photocopy services

NETWORK RELATIONS:
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OTHER INFORMATION:
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83.11

Papua New Guinea
PG.007

ORGANIZATION:
VUDAL AGRICULTURAL COLLEGE
Department of Primary Industry
P.O. Keravat, East New Britain Province ENBP
Papua New Guinea
tel: 921444, 921049; cable: agric vudal

CONTACT PERSON: Jacob Sawanga, Principal

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Provision of training of agriculturalist in the certificate and diploma level.

SUBJECTS:

water supply; water resources; groundwater; rainwater; rainwater collection; biological water quality; chemical water quality; control; water distribution; pipes; pumps; chemical water treatment; sanitation; onsite collection and treatment; septic tanks and aqua privies

INFORMATION SECTION:

Library holdings: Numerous
Doc/info staff: --
Journal titles: --
Entry: Restricted

INFORMATION SERVICES:

Publications: Annual reports
Availability information: --
Information supply by: Phone, mail, telex
Services provided: Request handling (direct and referral services), loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:

LIKLIK BUK INFORMATION CENTRE

Appropriate Technology Development Institute (ATDI) University of Technology

PBM University of Technology, Lae

Papua New Guinea

tel: 424999 (2566); telex: ne 42428

CONTACT PERSON: Mrs. Clara Romaso, Co-ordinator

TYPE OF ORGANIZATION: Private

TOTAL STAFF: --

WORKING LANGUAGE(S): English; Melanesian; Pidgin

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Dissemination of information and publications of a variety of development material. Collection and exchange of information. Maintaining a small resource library. Responds to information request, in co-operation with Appropriate Technology Development Institute and University.

SUBJECTS:

water supply; water resources; groundwater; rainwater; water collection; wells; rainwater collection; biological water quality; physical water quality; chemical water quality; water distribution; public standposts; pipes; pumps; networks; water use; water demand; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; water carried systems

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual reports and manuals
Availability information: Information services by arrangement, publications according to set charges

Information supply by: Phone, mail, visit, typed, photocopies

Services provided: Request handling (direct and referral services), selective dissemination of information, loans of documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Philippines
PH.001

ORGANIZATION:

MINISTRY OF LOCAL GOVERNMENT

Barangay Water Programme

2nd floor Merryland Building, 1373 E. Rodriguez Sr. Avenue, Quezon City 3005

Philippines

tel: 774061

CONTACT PERSON: Gaspar E. Nepomuceno, Project Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 75

WORKING LANGUAGE(S): English; Philippine

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Promotes by demonstration and field research, provinces and cities to undertake rural drinking water supply projects on the basis of appropriate technology.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; pumps; networks; leak detection; water use; water demand; water consumption; water savings; physical water treatment; sanitation; collection and offsite treatment; water carried systems; waste utilization; wastewater disposal; technological aspects; health aspects; organizational and management aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 40

Doc/info staff: 20

Journal titles: 7

Entry: Public

INFORMATION SERVICES:

Publications: All kinds of publications, annual and other reports, manuals brochures and standards

Availability information: Information services and publications by arrangement

Information supply by: Mail, visit, typed, printed, photocopies

Services provided: Request handling (direct or referral services), selective dissemination of information, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Philippines
PH.002

ORGANIZATION:

MINISTRY OF HEALTH

Division of Environmental Sanitation, Bureau of Health Services

Manila

Philippines

tel: 737617

CONTACT PERSON: Delfin R. Gonzales, Head Sanitary Engineer

TYPE OF ORGANIZATION: Governmental

TOTAL STAFF: 3,110

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Planning, programming of national environmental sanitation programs. To recommend policies, laws, rules and registrations on environmental sanitation. Plan/program projects and implement those in the field of environmental sanitation.

SUBJECTS:

water supply; water collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; fertilization; biogas; wastewater disposal; health aspects

INFORMATION SECTION:

Library holdings: Approx. 50

Doc/info staff: 7

Journal titles: 2

Entry: Public

INFORMATION SERVICES:

Publications: All kinds of publications, annual and other reports, manuals and standard codes of practice

Availability information: Information services by arrangement, free of charge or on exchange basis

Information supply by: Mail, visit, typed or printed

Services provided: Request handling (direct or referral services), selective dissemination of information

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Philippines
PH.003

ORGANIZATION:
INSTITUTE FOR SMALL-SCALE INDUSTRIES (ISSI)
University of the Philippines
E. Virata Hall, E. Jacinto Street, UP Campus, Diliman, Quezon City
Philippines
--

CONTACT PERSON: Sonia Tiong Aquino, Assistant Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 125

WORKING LANGUAGE(S): English; Philippine

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Training, research and extension services.

SUBJECTS:

water supply; water distribution; pumps; manpower and training aspects

INFORMATION SECTION:

Library holdings: 3,500

Doc/info staff: 4

Journal titles: 200

INFORMATION SERVICES:

Publication: Small industry journal

Availability information: No charges, no restrictions, some studies are restricted, confidential or not for calculations

Information supply by: --

Services provided: Request handling and referral services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Philippines
PH.004

ORGANIZATION:

LAGUNA LAKE DEVELOPMENT AUTHORITY
Environmental Protection Division
Rizal Provincial Capitol, 3rd floor, Pasig, Metro Manila 3133, Manila
Philippines
tel: 6934832, 6733863

CONTACT PERSON: Julian D. Centeno, Jr., Manager

TYPE OF ORGANIZATION: Governmental

TOTAL STAFF: 200

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National (Laguna Lake Region)

ACTIVITIES

Conducts comprehensive planning of the physical and natural resources of the Laguna Lake and its watershed, engages in agriculture, industrial commercial activities contributory to the socio-economic development of the region.

SUBJECTS:

water supply; water resources; water collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; collection and offsite treatment; ponds; waste utilization; aquaculture; algae; wastewater disposal

INFORMATION SECTION:

Library holdings: Several
Doc/info staff: 2
Journal titles: Approx. 45
Entry: Permission required

INFORMATION SERVICES:

Publications: All kinds of publications, annual and other reports, manuals and standards/codes of practice
Availability information: Information services and publications by arrangement and according to set charges
Information supply by: Mail, visit, typed, printed, photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Philippines
PH.005

ORGANIZATION:

LOCAL WATER UTILITIES ADMINISTRATION

Public Affairs Office

MWSS-LWUA Complex, Katipunan Road, Balara, Quezon City

Philippines

tel: 953261, 951146, 951943

CONTACT PERSON: Mrs. Consuelo E. Castaneda, Manager

TYPE OF ORGANIZATION: Governmental

TOTAL STAFF: 722

WORKING LANGUAGE(S): English; Philippine

GEOGRAPHICAL SCOPE: National

ACTIVITIES

To extend financial, technical and regulatory assistance to water districts established in cities and municipalities. To set up water districts with the aim of providing safe and potable water to the countryside.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; biological water quality; physical water quality; chemical water quality; water distribution; house connections; pipes; specials; pumps; networks; leak detection; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; organizational and management aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Approx. 1,850

Doc/info staff: 23

Journal titles: 71

Entry: Public

INFORMATION SERVICES:

Publications: All kinds of publications, journal LWUAN (quarterly), newsletter Mustong Paloy, annual and other reports, bibliographies, manuals and standards/codes of practice, brochures

Availability information: Information services by arrangement, free of charge, publications according to set charges, by arrangement

Information supply by: Oral (phone or visit), mail, typed, photocopies

Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loan of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Philippines
PH.006

ORGANIZATION:
METROPOLITAN WATERWORKS AND SEWERAGE SYSTEMS
Public Information Office
Katipunan Road, Balara, Quezon City
Philippines
tel: 953211/29

CONTACT PERSON: Gregorio Datuin, Head
TYPE OF ORGANIZATION: Governmental
TOTAL STAFF: 4,144
WORKING LANGUAGE(S): English
GEOGRAPHICAL SCOPE: National (Metropolis Manila)

ACTIVITIES
Provision of adequate and potable water and sewer facilities in the metropolitan water supply and sanitation service area.

SUBJECTS:
water supply; water resources; groundwater; surface water; water collection; wells; dams; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; water use; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; water carried systems; ponds; wastewater disposal; technological aspects

INFORMATION SECTION:
Library holdings: Approx. 2,400
Doc/info staff: 13
Journal titles: 196
Entry: Permission required

INFORMATION SERVICES:
Publications: Journal "MWSS Pipeline", annual and other reports, brochures, leaflets and handouts
Availability information: Information services and publications by arrangement or free of charge
Information supply by: Oral (phone or visit), mail, typed or printed
Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, provision of copied documents

NETWORK RELATIONS:
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OTHER INFORMATION:
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81.11

Philippines
PH.007

ORGANIZATION:

U.P. COLLEGE OF ENGINEERING
National Hydraulic Research Centre
P.O. Box 37, Diliman, Quezon City 3004
Philippines
tel: 987149, 987176

CONTACT PERSON: Angel A. Alejandrino, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 84

WORKING LANGUAGE(S): English; Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The NHRC is primarily engaged in rendering technical advise arising from research in the fields of fluid mechanics, hydraulics, water resources and related fields. The centre also acts as the national Water Resources Information Centre, with conventional library services and computer oriented services. This Philippine Automated Water Information System handles hydrologic data, sediment transport and water quality data.

SUBJECTS:

water supply; water resources; water quality; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: Philippines Water Resources Abstracts (quarterly)
Availability information: No restrictions, no charges
Information supply by: --
Services provided: Abstracting services, computerized literature, Search Aids (LISA), direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Philippines
PH.008

ORGANIZATION:

NATIONAL WATER RESOURCES COUNCIL

Water Information Center of the Philippines

2nd Floor, UP College of Engineering, Diliman, P.O. Box 37, Quezon City 3004
Philippines

tel: 987149/76

CONTACT PERSON: Alejandro Resurreccion, JR, Head Data and Information Department

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 200

WORKING LANGUAGE(S): English; Tagalog

GEOGRAPHICAL SCOPE: National

ACTIVITIES

To develop a continuing programme for the acquisition, storage and dissemination of data, information and literature on water resources and other related fields.

SUBJECTS:

water supply; water resources; water collection; water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 7,000 (500 on microform)

Doc/info staff: 10

Journal titles: 234

INFORMATION SERVICES:

Publications: Journal, annual and other reports, bibliographies, manuals and product catalogues, abstracts and standards

Availability information: Information services by arrangement, according to set charges or free of charge; publications by arrangement, according to set charges or an exchange basis

Information supply by: Phone, mail, typed, printed, photocopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

Computer services available

81.11

Philippines
PH.009

ORGANIZATION:
NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY (NIST)
Division of Information and Documentation, University of the Philippines
P.O. Box 774, Manila
Philippines
tel: 503041 ext. 19

CONTACT PERSON: Ms. Leonila B. Flores

TYPE OF ORGANIZATION: --

TOTAL STAFF: 30

WORKING LANGUAGE(S): English; Philippine

GEOGRAPHICAL SCOPE: --

ACTIVITIES
Information gathering, retrieval and dissemination.

SUBJECTS:
water supply; water resources; water quality; water distribution;
sanitation; waste utilization; wastewater disposal

INFORMATION SECTION:
Library holdings: 25,000
Doc/info staff: 15
Journal titles: 200

INFORMATION SERVICES:
Publications: Annual reports, brochures and technical bulletins, pamphlets
Availability information: As resources permit, on exchange
Information supply by: Public library and reading facilities, printed,
photocopies
Services provided: Reference services, manual literature searching,
referrals, inter-library loans, photocopying, abstracting, indexing,
selective dissemination of information; bibliography compilations

NETWORK RELATIONS:
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OTHER INFORMATION:
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83.10

Philippines
PH.010

ORGANIZATION:
WELL DRILLERS ASSOCIATION OF THE PHILLIPPINES

--
Duval Building, 669 Aurora Boulevard, New Manila, Quezon City
Philippines
tel: 708631/4; telex: 2024 norvets pm

CONTACT PERSON: Dr. Ellias Calacal, Editor-in-Chief

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 11

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

To promote the interest of waterwell drilling industry especially the members of the association.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; physical water treatment; chemical water treatment; biological water treatment; sanitation; onsite collection and treatment; septic tanks and aqua privies; wastewater disposal

INFORMATION SECTION:

Library holdings: Numerous
Doc/info staff: 4
Journal titles: 4
Entry: Public, with permission

INFORMATION SERVICES:

Publications: The Weldaphil newsletter, reports, product catalogues and standards
Availability information: Information services by arrangement or on exchange basis
Information supply by: Phone, mail, visit, typed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Pakistan
PK.001

ORGANIZATION:
UNIVERSITY OF ENGINEERING AND TECHNOLOGY
Institute of Public Health Engineering and Research
Lahore 31
Pakistan
tel: 339248/9

CONTACT PERSON: Professor Dr. M. Nawaz Tariq, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 31

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Training, teaching, research, engineering consultancy and advisory services in water supply and sanitation, water and air pollution, solid wastes and other related areas.

SUBJECTS:

water supply; water resources; water collection; biological water quality; physical water quality; chemical water quality; analysis; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 1,350
Doc/info staff: 2
Journal titles: 22
Entry: Public

INFORMATION SERVICES:

Publications: Journal Public Health Engineer, and several other reports
Availability information: Information services and publications by arrangement or on exchange basis
Information supply by: Mail, telex, typed, printed or photocopies
Services provided: Direct request handling, selective dissemination of information, current awareness services

NETWORK RELATIONS:

WHO Collaborating Centre

OTHER INFORMATION:

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81.11

Pakistan
PK.002

ORGANIZATION:
PAKISTAN ACADEMY FOR RURAL DEVELOPMENT

--
Peshawar, North-West Frontier Province
Pakistan
tel: 8272/3

CONTACT PERSON: Mr. M.A.K. Beg, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 11

WORKING LANGUAGE(S): English; Urdu

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Training, research and experimentation in rural development.

SUBJECTS:

manpower and training aspects

INFORMATION SECTION:

Library holdings: 18,000

Doc/info staff: 3

Journal titles: Current 30; back issues 4,000

INFORMATION SERVICES:

Publications: Journal of rural development and administration, newsletter, progress reports, bibliographies on rural development, seminar and research publications

Availability information: Free of charge, on exchange

Information supply by: Visit, telex, public library and reading facilities, printed

Services provided: Request handling (referral services), preparation of bibliographies, inter-documentation and library loan, advisory service, information and documentation staff training

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.11

Pakistan
PK.003

ORGANIZATION:

PAKISTAN SCIENCE FOUNDATION

Pakistan Scientific and Technological Information Centre

Quaid-e-Azam University, Islamabad

Pakistan

--

CONTACT PERSON: Mr. Riaz H. Akbar

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Retrieval, dissemination and storage of scientific information.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; public stand-posts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 16 technical officers

Journal titles: --

Entry: --

INFORMATION SERVICES:

Publications: Bulletins, newsletter, journals

Availability information: Information services and publications according to set charges or on exchange basis

Information supply by: Typed, printed, photocopies, microcopies

Services provided: Request handling (direct and referral services), current awareness services, preparation of bibliographies, provision of copied documents, translations

NETWORK RELATIONS:

INFOTERRA focal point

OTHER INFORMATION:

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81.11

Poland
PL.001

ORGANIZATION:

BIBLIOTEKA GLOWNA I OSRODEK INFORMACJI NAUKOWO TECHNICZNEJ
Politechniki Wroclawskiej (Central library and scientific information
centre)
Wybrzeze Wyspianskiego 27, 50-370 Wroclaw
Poland
tel: 202305, 226411; telex: 0715371 bgp w pl

CONTACT PERSON: Dr. Inz. Czeslaw Danilowicz, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 5

WORKING LANGUAGE(S): Polish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Library services, selective dissemination of information, reprography.

SUBJECTS:

water supply; water distribution; sanitation; wastewater disposal;
technological aspects

INFORMATION SECTION:

Library holdings: 3,925
Doc/info staff: 3
Journal titles: 244

INFORMATION SERVICES:

Publications: Journals: Prace Naukowe Insytytutu, Inzynierii Ochrony
Srodowiska, Scientific Papers of the Institute of Environmental Protection
Engineering; Report of the Institute of Environmental Protection
Engineering; bibliographies: Acta Polytechnical Wratistfaviensis
Availability information: Oral services are free of charge, others are
payable, some may be supplied on exchange terms, selective dissemination of
information services are available only to Polish users
Information supply by: --
Services provided: Current awareness service, selective dissemination of
information, retrospective searching (manual), direct request handling
(referral service), photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Poland
PL.002

ORGANIZATION:

CENTRE OF SCIENTIFIC, TECHNICAL AND ECONOMIC INFORMATION (CSTEI)
Institute of Meteorology and Water Management
Podlesna 61, 01-673 Warsaw
Poland
tel: 341801; telex: 814331

CONTACT PERSON: Dr. Hanna Mycielska, Chief

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 2,500

WORKING LANGUAGE(S): Polish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

The Institute of Meteorology and Water Management acts as the national hydrometeorological service. The Institute is also conducting scientific and research work in the field of hydrology, meteorology, oceanology, water management and engineering, water resources quality.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; rainwater collection; dams; biological water quality; physical water quality; chemical water quality; analysis; control; standards; sanitation; waste utilization; irrigation; wastewater disposal

INFORMATION SECTION:

Library holdings: 92,000
Doc/info staff: 25
Journal titles: 3,200
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, bibliographies
Availability information: Information services, by arrangement, according to set charges or on exchange basis
Information supply by: Oral (phone or visit), mail, telex, handwritten, typed or printed, photocopies
Services provided: Request handling by referral services, selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Poland
PL.003

ORGANIZATION:
NATIONAL STATE INSTITUTE OF HYGIENE

--
24 Chocimska Street, 00-791 Warszawa
Poland
tel: 497445

CONTACT PERSON: Prof. Dr. Zbigniew Jan Brzezinski, Chief Division of
Environmental Hygiene

TYPE OF ORGANIZATION: --

TOTAL STAFF: 12

WORKING LANGUAGE(S): Polish; Russian; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Drinking water quality, health standards and criteria, sanitary supervision
of community water supply, sanitary protection of natural waters.

SUBJECTS:

water supply; water quality; analysis; control; standards; health aspects

INFORMATION SECTION:

Library holdings: Several hundreds
Doc/info staff: No special service
Journal titles: Over twenty

INFORMATION SERVICES:

Publications: Annals of the State Institute of Hygiene, Epidemiological
Review, Experimental Medicine and Microbiology, Library of the Health
Education Organization
Availability information: Free of charge, on exchange
Information supply by: Oral (visit), public library and reading facilities,
handwritten, printed, photocopies
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Puerto Rico
PR.001

ORGANIZATION:

CENTRO DE INFORMACION TECNICA DE PUERTO RICO
Universidad de Puerto Rico
Recinto Universitario de Mayaguez, Mayaguez PR 00708
Puerto Rico
--

CONTACT PERSON: Lueny Morell de Ramirez

TYPE OF ORGANIZATION: --

TOTAL STAFF: 6

WORKING LANGUAGE(S): English; Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The Centre collects and disseminates information on engineering and related areas. A monthly bulletin which includes titles and abstracts of articles is published. Users can request copies of original articles.

SUBJECTS:

water supply; technological aspects

INFORMATION SECTION:

Library holdings: Utilizes campus main library holdings
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: T.I.C. Monthly bulletin
Availability information: Charges only made for photocopying material and postage
Information supply by: --
Services provided: Direct request handling, selective dissemination of information, inter-documentation library loan, indexing services

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Saudi Arabia
SA.001

ORGANIZATION:
FACULTY OF EARTH SCIENCES, KING ABDULAZIZ UNIVERSITY
Hydrology Department
P.O. Box 1744, Jeddah
Saudi Arabia
tel: 6877905; telex: 401141 kaunisj

CONTACT PERSON: Dr. A.N. Basamehl, Dr. Y. Basmaci

TYPE OF ORGANIZATION: --

TOTAL STAFF: 5

WORKING LANGUAGE(S): English; Arabic

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Groundwater resources exploration and development.

SUBJECTS:

water supply; water resources; groundwater; water collection; water quality;
water use

INFORMATION SECTION:

Library holdings: Connected to the University's main library

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges

Information supply by: Printed

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Sudan
SD.001

ORGANIZATION:
NATIONAL ADMINISTRATION FOR WATER CORPORATION

--
P.O. Box 381, Khartoum
Sudan
tel: 76568

CONTACT PERSON: Ramsis B. Salama

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): Arabic; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The corporation aims at supplying water for the human and animal population in rural areas. This includes the development of the resources, surface water and groundwater. Construction of dams and reservoirs, haffir excavation, open well digging, filtration and distribution.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; dams; water quality; standards; water distribution; water use; water treatment; health aspects

INFORMATION SECTION:

Library holdings: 1,200
Doc/info staff: --
Journal titles: 6,000 holdings

INFORMATION SERVICES:

Publications: --
Availability information: No restrictions, no charges
Information supply by: --
Services provided: Direct request handling, photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
MOFINKO DEVELOPMENT ASSOCIATION (MDA)

--
Private Mail Bag 528, Freetown
Sierra Leone
tel: 26847; telex: 3441 provet sl

CONTACT PERSON: S.E. Johnny, Secretary General

TYPE OF ORGANIZATION: Voluntary organization

TOTAL STAFF: 16

WORKING LANGUAGE(S): English; Kono

GEOGRAPHICAL SCOPE: National (Mofinko section: Soa Chiefdom, Kono District)

ACTIVITIES

Rural development work through voluntary self help efforts on communal construction of health centres, schools, water wells and latrines etc. Development of farm systems, human resources. All work involved is carried out free of cost by the community.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; physical water quality; water distribution; pipes; water use; water consumption; sanitation; onsite collection and treatment; pit latrines; health aspects; sociological aspects

INFORMATION SECTION:

Library holdings: Approx. 10
Doc/info staff: 4
Journal titles: --
Entry: Restricted

INFORMATION SERVICES:

Publications: Annual and project documentation on rural development
Availability information: Information services and publications free of charge
Information supply by: Mail, visit, typed
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
PEACE CORPS

--
Private Mailbag, Freetown
Sierra Leone
tel: 24451

CONTACT PERSON: James Griffin, Associate Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

SUBJECTS:

water supply; water resources; rainwater; water collection; wells;
biological water quality; control; water distribution; pumps; water use;
water savings; sanitation; onsite collection and treatment; pit latrines

INFORMATION SECTION:

Library holdings: Approx. 1000
Doc/info staff: --
Journal titles: --
Country: Public

INFORMATION SERVICES:

Publications: Manuals and standards
Availability information: Information services by arrangement
Information supply by: Visit, typed, printed or photocopied
Services provided: Request handling (direct and referral services),
selective dissemination of information, current awareness services, loans of
documents, provision of copied documents, translations

NETWORK RELATIONS:

OTHER INFORMATION:

81.11

Sierra Leone
SL.003

ORGANIZATION:
NIXON MEMORIAL METHODIST HOSPITAL

--
P.O. Box 12, Segbwema
Sierra Leone

CONTACT PERSON: Business manager

TYPE OF ORGANIZATION: --

TOTAL STAFF: 180

WORKING LANGUAGE(S): English; Mende

GEOGRAPHICAL SCOPE: --

ACTIVITIES
Hospital.

SUBJECTS:
water supply; water resources; water collection; wells; water distribution;
water use; water treatment; sanitation; onsite collection and treatment;
collection and offsite treatment

INFORMATION SECTION:
Library holdings: --
Doc/info staff: 3
Journal titles: --

INFORMATION SERVICES:
Publications: Periodicals, reports, bibliographies, annual reports, books
Availability information: Free of charge
Information supply by: Visit
Services provided: Direct request handling

NETWORK RELATIONS:
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OTHER INFORMATION:
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83.09

Sierra Leone
SL.004

ORGANIZATION:

UNIVERSITY OF SIERRA LEONE
Faculty of Engineering
Fourah Bay College, Freetown
Sierra Leone
tel: 27324; cable: fourahbay freetown

CONTACT PERSON: Librarian

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 21

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Training of undergraduate and graduate engineering students. Research and development in the field of engineering.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; rainwater collection; biological water quality; physical water quality; chemical water quality; water use; water demand; physical water treatment; chemical water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; waste utilization; biogas; wastewater disposal; technological aspects; health aspects

INFORMATION SECTION:

Library holdings: 20
Doc/info staff: 3
Journal titles: 4
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters and reports
Availability information: Information services and publications by arrangement or on exchange basis
Information supply by: Typed, printed or photocopied materials
Services provided: --

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.02

Soviet Union
(USSR)
SU.001

ORGANIZATION:

ACADEMY OF MEDICAL SCIENCES OF USSR
Scientific Research Institute of General and Communal Hygiene
Pogodinshaya Str. 10, 119121 Moscow
Soviet Union (USSR)
tel: 2467218

CONTACT PERSON: E.A. Mozhaev, Chief Department of Information

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 325

WORKING LANGUAGE(S): Russian

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Scientific studies in the field of environmental health.

SUBJECTS:

water supply; water resources; biological water quality physical water
quality; chemical water quality; analysis; standards; water use; sanitation;
wastewater disposal; health aspects

INFORMATION SECTION:

Library holdings: 25,000
Doc/info staff: 10
Journal titles: 150

INFORMATION SERVICES:

Publications: Annual reports and monographies
Availability information: --
Information supply by: Mail, visit
Services provided: Direct request handling services, provision of copied
documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

El Salvador
SV.001

ORGANIZATION:

ADMINISTRACION NACIONAL DE ACUEDUCTOS Y ALCANTARILLADOS (ANDA)

--
Calle Ruben Dario 936, Edificio Adminstativo de Anda, San Salvador
El Salvador
tel: 217595; telex: 30042

CONTACT PERSON: Horacio Antonio Avelar Lopez, Chief

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 3,910

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Public information centre on planning, design, construction, operation and maintenance activities of water supply systems.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; dams; biological water quality; physical water quality; chemical water quality; standards; analysis; water distribution; house connections; pipes; specials; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; aquatic weeds

INFORMATION SECTION:

Library holdings: Data bank
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters and annual reports
Availability information: Information services and publications by arrangement or on exchange basis
Information supply by: Mail, telex, visit, typed, printed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Togo
TG.001

ORGANIZATION:
FORAGE VILLAGEOIS POUR L'EAU POTABLE

--
Boite Postale 38, Notse
Togo
--

CONTACT PERSON: Kossi Akama

TYPE OF ORGANIZATION: --

TOTAL STAFF: 14

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Drilling of boreholes by hand and with the long year drilling rig (gas powered), installation of the "Monitor" handpump.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; water distribution; sociological aspects; health aspects; institutional aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: Specifications for the hand-operated drilling rig
Availability information: Free of charge, as resources permit
Information supply by: Photocopies
Services provided: Photocopies

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.08

Togo
TG.002

ORGANIZATION:
DIVISION DE L'HYDRAULIQUE URBAINE ET RURALE
Direction de l'Hydraulique et de l'Energie
Boite Postale 335, Lomé
Togo

CONTACT PERSON: Moussa Bouraima, Documentaliste

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 20

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Rural and urban water and energy supply.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; dams; water distribution; pumps; water use; water demand; water treatment; plants; technological aspects; organizational and management aspects; economic and financial aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --
Entry: --

INFORMATION SERVICES:

Publications: Reports, manuals and product catalogues
Availability information: Information services and publications on exchange basis
Information supply by: Visit, typed, photocopies
Services provided: Request handling (direct and referral services), current awareness services, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Thailand
TH.001

ORGANIZATION:

INSTITUTE OF NUTRITION

Mahidol University

P.O. Box 4-63, Bangkok 10400

Thailand

tel: 282-6435/0733; telex: 84770 unidol th

CONTACT PERSON: Pattanee Winichagoon, Instructor

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): Thai

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Research, education and training, mass communication and services in all the nutrition related aspects.

SUBJECTS:

water supply; water resources; groundwater; rainwater; water collection; wells; water quality; analysis; water distribution; pumps; water use; water consumption; water savings; physical water treatment; sanitation; onsite collection and treatment; composting toilets; collection and offsite treatment; waste utilization; fertilization; health aspects; sociological aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: 1

Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports and product catalogues

Availability information: Information services by arrangement

Information supply by: Visit

Services provided: Request handling (direct and referral services), provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.11

Thailand
TH.002

ORGANIZATION:

THAILAND INSTITUTE OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH

Thai National Documentation Centre

196 Phahonyothin Road, Bangkok, Bangkok 10900

Thailand

tel: 5791121/30; cable: tistr bangkok

CONTACT PERSON: Mrs. Nongphanga Chitrakorn, Acting Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 24

WORKING LANGUAGE(S): English; Thai

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Documentation and reference centre on scientific and technological subjects.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water distribution; pipes; specials; pumps; water use; water demand; water consumption; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; composting toilets; septic tanks and aqua privies; collection and offsite treatment; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 100,000

Doc/info staff: 4

Journal titles: 2,966

Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies and manuals

Availability information: Information services by arrangement or according to set charges; publications according to set charges, free of charge or on exchange basis

Information supply by: Phone, mail, visit, typed, printed, photocopies, microcopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translation

NETWORK RELATIONS:

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OTHER INFORMATION:

Computing services

83.12

Trinidad, West
Indies
TT.001

ORGANIZATION:
TRINTOPLAN CONSULTANTS LTD.

--
P.O. Box 1262, Orange Grove Road, Tacarigua
Trinidad, West Indies
tel: (66) 31984/9; telex: 558 ttplan

CONTACT PERSON: Grace Nancoo, Administrative Officer

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 12

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Consulting engineers for design, construction and monitoring.

SUBJECTS:

water supply; water resources; surface water; rainwater; water collection;
dams; biological water quality; physical water quality; water distribution;
pipes; specials; pumps; networks; water use; water demand; water consumption;
physical water treatment; chemical water treatment; plants; sanitation;
onsite collection and treatment; septic tanks and aqua privies; collection
and offsite treatment; water carried systems; ponds; waste utilization

INFORMATION SECTION:

Library holdings: 100
Doc/info staff: --
Journal titles: 5
Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies, manuals
and standards
Availability information: Information services by arrangements or on
exchange basis
Information supply by: Phone, mail, telex, visit, typed printed,
photocopies
Services provided: Request handling (direct and referral services),
selective dissemination of information, current awareness services,
preparation of bibliographies, loans of documents, provision of copied
documents

NETWORK RELATIONS:

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OTHER INFORMATION:

Projects related to community water supply and sanitation account for about
30% of the total activities.

83.09

Tanzania
TZ.001

ORGANIZATION:
NATIONAL DOCUMENTATION CENTRE
Tanzania Library Service
P.O. Box 9283, Dar es Salaam
Tanzania
tel: 26121/2

CONTACT PERSON: E.A. Mwinyimvua, Principal Librarian

TYPE OF ORGANIZATION: Public

TOTAL STAFF: 500

WORKING LANGUAGE(S): English; Kiswahili

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Indexing and abstracting, literature searching for clients, documentation supply, referral services and training.

SUBJECTS:

water supply; water resources; groundwater; surface water; re-use of water; water collection; wells; biological water quality; physical water quality; chemical water quality; control; standards; water distribution; water use; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; waste utilization; irrigation; fertilization; biogas; wastewater disposal; health aspects; sociological aspects

INFORMATION SECTION:

Library holdings: 600,000

Doc/info staff: 50

Journal titles: 2,000

Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual- and other reports, bibliographies and manuals

Availability information: Information services and publications on exchange basis

Information supply by: Phone, mail, visit, typed, printed, photocopies

Services provided: Request handling (direct referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

Network of relations within Tanzania.

OTHER INFORMATION:

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84.02

Tanzania
TZ.002

ORGANIZATION:

UNIVERSITY OF DAR ES SALAAM
Department of Civil Engineering
P.O. Box 35131, Dar es Salaam
Tanzania

tel: 49145, 49192 (ext. 2833); telex: uniscie 41327

CONTACT PERSON: Prof. A.S. Mawenya, Head

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 6

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Teaching and conducting research activities for undergraduate and post-graduate students.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; pipes; specials; pumps; networks; water use; water demand; water wastage; leakage; water consumption; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; waste utilization; irrigation; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 150

Doc/info staff: None

Journal titles: 4

Entry: Public

INFORMATION SERVICES:

Publications: *Uhandisi Journal* (twice a year), annual and other reports

Availability information: Publications by arrangement

Information supply by: Phone, mail, telex

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

The Department of Engineering has been appointed Coordinating Institution for Hydraulic and Water Resources Engineering in ANSTI (African Network of Scientific and Technological Institutions). The Department also conducts an international programme in Water Resources Engineering, geared to the African requirements.

81.11

Tanzania
TZ.003

ORGANIZATION:
RWEGARURILA WATER RESOURCES INSTITUTE
Ministry of Water and Energy, Ubungo
P.O. Box 35059, Dar es Salaam
Tanzania
tel: 48314

CONTACT PERSON: Mr. M. Kivugo, Principal
TYPE OF ORGANIZATION: --
TOTAL STAFF: 25 teachers and about 50 others
WORKING LANGUAGE(S): English; Kiswahili
GEOGRAPHICAL SCOPE: --

ACTIVITIES

Trains middle level technicians to man water supply under the Ministry of Water and Energy. Trains lab technicians for water analysis and laboratories to exercise quality control over drinking water in the country. Controls vocational training programmes in the regions under the Ministry of Water and Energy.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; water quality; water distribution; pipes; pumps; specials; water use; water treatment; health aspects; technological aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: About 5,000
Doc/Info staff: 3
Journal titles: --

INFORMATION SERVICES:

Publications: --
Availability information: As resources permit
Information supply by: Oral (phone, visit), handwritten
Services provided: Direct request handling, inter-documentation and library loan

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

United States of
America
US.001

ORGANIZATION:
AMERICAN SOCIETY OF CIVIL ENGINEERS

--
345 East 47th Street, New York, N.Y. 10017 - 2398
United States of America
tel: (212) 7057520

CONTACT PERSON: Ms. Melanie G. Edwards, Manager, Reference
Publications

TYPE OF ORGANIZATION: Non-profit professional membership society

TOTAL STAFF: 125

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Publications, public information services, continuing education, and organization of conferences and symposia.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; networks; corrosion control; water demand; water wastage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; collection and offsite treatment; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 550
Doc/info staff: 2
Journal titles: 15
Entry: Restricted to members

INFORMATION SERVICES:

Publications: ASCE publication information, bi-monthly abstract/index publication, annual and other reports, manuals, bibliographies, product catalogues, standards, conference proceedings
Availability information: Information services by arrangement, publications according to set charges
Information supply by: Printed materials
Services provided: Referral request handling services, current awareness services, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

Related to request handling services of the Engineering Societies Library.

81.11

United States of
America
US.002

ORGANIZATION:
ENGINEERING INDEX INC. (EI)

--
345 E 47th Street, New York, N.Y. 10017
United States of America
tel: (212) 6447600

CONTACT PERSON: John E. Creps Jr., Executive Director

TYPE OF ORGANIZATION: --

TOTAL STAFF: 84

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Engineering Index is an abstracting and indexing service which provides abstracts of the world's literature in engineering. EI maintains a data base containing significant bibliographic citations and extensive indexing for use in preparing current awareness services and indexes. The abstract publications are made available in hard copy, computer-readable form, or microform.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 22

Journal titles: --

INFORMATION SERVICES:

Publications: Engineering Index Monthly, Engineering Index Annual, Engineering Index Energy Abstracts (monthly), Bio-engineering Abstracts (monthly)

Availability information: All publications and services are available for purchase, however the contents of the EI data base are copyrighted and must be used within the meaning of the U.S. copyright laws or those in force outside the U.S.

Information supply by: --

Services provided: Tapes with records, microforms, abstracting and indexing, monthly current awareness service

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

United States of
America
US.003

ORGANIZATION:
NATIONAL REFERRAL CENTRE
U.S. Library of Congress
10 First St. S.E., Washington, D.C. 20540
United States of America
tel: (202) 2875670

CONTACT PERSON: John Feulner, Head Referral Services Section

TYPE OF ORGANIZATION: --

TOTAL STAFF: 22

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

The NRC assists persons who need technical questions answered by referring them to organizations that can answer those questions. This service is based and computerized. It has a subject-indexed inventory that contains approximately 13,000 descriptions of specialized information sources in all fields. The NRC can suggest points of contact with full particulars including services provided.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: None (no conventional library holdings)

Doc/info staff: 13

Journal titles: --

INFORMATION SERVICES:

Publications: Directory of Information Resources in the U.S. (ongoing series of individual directories on various subjects areas), NRC Switch boards (lists information resources in specific subject areas)

Availability information: No restrictions, no charges

Information supply by: --

Services provided: Referral services, on-line searching of NRC resources file, publication of selected portions of inventory

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

United States of
America
US.004

ORGANIZATION:

US DEPARTMENT OF COMMERCE

National Technical Information Service (NTIS)

5285 Port Royal Road, Springfield, Va 22161

United States of America

tel: (703) 4874600; telex: 899405, 64617 (international)

CONTACT PERSON: Dr. Joseph F. Caponio, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 380

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

NTIS, an agency of the US Department of Commerce, is the central source for the public sale of US Government-sponsored research, development, and engineering reports, as well as foreign technical reports and other analyses prepared by national and local government agencies, their contractors or grantees. It is the central source for federally generated machine processable data files and software and manages the Federal Software Exchange Center.

SUBJECTS:

water supply; water resources; water quality; water use; water treatment; sanitation; waste utilization; aquaculture; wastewater disposal

INFORMATION SECTION:

Library holdings: 1.4 million

Doc/info staff: 380

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, reports, bibliographies and product catalogues

Availability information: Information services and publications according to set charges

Information supply by: Mail, visit, printed, photo or microcopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

United States of
America
US.005

ORGANIZATION:

UNIVERSITY OF MARYLAND, DEPARTMENT OF CIVIL ENGINEERING
International Rural Water Resources Development Laboratory
College Park, Md. 20902
United States of America
tel: (301) 4542213

CONTACT PERSON: Prof. Yaron M. Sternberg, Director

TYPE OF ORGANIZATION: Other public

TOTAL STAFF: 3

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research and development of appropriate technology for rural areas.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection;
wells; water distribution; public standposts; house connections; specials;
pumps

INFORMATION SECTION:

Library holdings: University library

Doc/info staff: --

Journal titles: --

Entry: Restricted

INFORMATION SERVICES:

Publications: Research reports

Availability information: Publications on exchange basis

Information supply by: Mail, visit

Services provided: Request handling (direct and referral services),
selective dissemination of information, loans of documents, provision of
copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Uruguay
UY.001

ORGANIZATION:

MINISTERIO DE SALUD PUBLICA

Division de Higiene Ambiental

18 de Julio 1892, piso 4, Calle Durazno 417, Montevideo 1242

Uruguay

tel: 982471

CONTACT PERSON: Ing. Quim. Gladys Rey de Dellacha

TYPE OF ORGANIZATION: --

TOTAL STAFF: 45

WORKING LANGUAGE(S): Spanish

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Inspection and control of drinking water.

SUBJECTS:

water supply; water quality; analysis; control; standards; health aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges, information supplied only to the authorities

Information supply by: --

Services provided: A small library

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Venezuela
VE.001

ORGANIZATION:

FUNDACION LA SALLE DE CIENCIAS NATURALES (FLASA)

--

Av. Boyaca, Edif Fundacion La Salle, Penthouse, Apartado 1930, Caracas
Venezuela

tel: 7828711, 7828522; telex: 21553

CONTACT PERSON: Hermano Gines, President

TYPE OF ORGANIZATION: --

TOTAL STAFF: 36

WORKING LANGUAGE(S): Spanish; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Scientific research and education and training.

SUBJECTS:

water supply; water quality; health aspects; technological aspects

INFORMATION SECTION:

Library holdings: 3,500

Doc/info staff: 5

Journal titles: 1,200

INFORMATION SERVICES:

Publications: Monographs, memoria, annual reports

Availability information: Free of charge, on exchange

Information supply by: Oral (phone); telex, public library and reading
facilities, photocopies

Services provided: Direct request handling, selective dissemination of
information, inter-documentation and library loan, photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Vanuatu
VU.001

ORGANIZATION:
PRESBYTERIAN CHURCH OF VANUATU
Kristian Institute Technology of Weasisi
Box 16, Tanna
Vanuatu
tel: Vila 3206

CONTACT PERSON: A.R. Lipscombe, Business Manager

TYPE OF ORGANIZATION: Private (Government assistance)

TOTAL STAFF: Approx. 20

WORKING LANGUAGE(S): English; Bislama

GEOGRAPHICAL SCOPE: National

ACTIVITIES
Youth skill training.

SUBJECTS:
water supply; water collection; wells; water distribution; pipes; networks;
water use; sanitation; onsite collection and treatment; pit latrines; septic
tanks and aqua privies; health aspects; technological aspects; sociological
aspects

INFORMATION SECTION:
Library holdings: Small
Doc/info staff: 2
Journal titles: --
Entry: Public

INFORMATION SERVICES:
Publications: Various articles in appropriate technology journals,
especially South Pacific Bulletin
Availability information: Information services and publications by
arrangement
Information supply by: Phone or mail
Services provided: Request handling

NETWORK RELATIONS:
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OTHER INFORMATION:
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ORGANIZATION:
INSTITUTE FOR DEVELOPMENT OF WATER RESOURCES
Jaroslav Cerni
P.O. Box 530, 11000 Belgrade
Yugoslavia
tel: 649266

CONTACT PERSON: Dr. M. Haijdukovic, Head Documentation and Library
Department

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 300

WORKING LANGUAGE(S): English; Serbo-Croatian

GEOGRAPHICAL SCOPE: National

ACTIVITIES

River training and basic management erosion studies, irrigation and drainage, soil science, hydraulics of structures, groundwater and rivers, research and testing in the field of engineering geology and rock mechanics, water management.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection; wells; infiltration galleries; dams; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water use; water demand; water wastage; water consumption; physical water treatment; chemical water treatment; sanitation; waste utilization; irrigation; technological aspects; organizational and management aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 13,000
Doc/info staff: 5
Journal titles: 90
Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual reports, bibliographies, manuals and product catalogues

Availability information: Information services and publications according to set charges or on exchange basis

Information supply by: Mail, visit, typed, photocopies

Services provided: Direct request handling service, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

South Africa
ZA.001

ORGANIZATION:
ENVIRONMENTAL AND DEVELOPMENT AGENCY

--
P.O. Box 62054, Marshall Town, Johannesburg 2107
South Africa
--

CONTACT PERSON: Gareth Williams

TYPE OF ORGANIZATION: --

TOTAL STAFF: 13

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Spring protection, micro irrigation, handpumps, shallow tubewells.

SUBJECTS:

water supply; water resources; water collection; wells; water distribution;
pumps; water use; water treatment; sanitation; onsite collection and
treatment; collection and offsite treatment; pit latrines; sociological
aspects; health aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --

INFORMATION SERVICES:

Publications: Book service: health, water supply etc., journal "Linic"
(occasional water supply articles), field reports
Availability information: Free of charge, scale of charges, as resources
permit
Information supply by: Oral (visit, phone), public library and reading
facilities, printed, photocopies
Services provided : Direct request handling, preparation of bibliographies,
photocopy services, translation services

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
SOUTH AFRICAN WATER INFORMATION CENTRE

--
P.O. Box 395, Pretoria 0001
South Africa
tel: (12) 869211 ext. 3083; telex: 3630

CONTACT PERSON: Mr. Steyn, Head

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 14

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National; Regional (Southern Africa)

ACTIVITIES

Provision of information on all the water-related subjects.

SUBJECTS:

water supply; groundwater; rainwater; surface water; re-use of water; wells; infiltration galleries; dams; rainwater collection; biological water quality; chemical water quality; physical water quality; analysis; control; standards; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: (CSIR library)
Doc/info staff: 11
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: South Africa Water abstracts, selected journals on water, Waterlit, register of research projects-scientists active in the fields of water, Water Patent Bulletin
Availability information: Information services free of charge
Information supply by: Phone, mail, telex, visit, typed, printed
Services provided: Request handling (direct and referral services), selective information dissemination, current awareness services, bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

Availability of computerized bibliographic databases.

81.11

Zambia
ZM.001

ORGANIZATION:
DEPARTMENT OF WATER AFFAIRS

--
P.O. Box 50288, Lusaka
Zambia
tel: 252100

CONTACT PERSON: Mr. C.R.W. Kayombo, Acting Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Responsible for the development of water resources in the country and all its aspects.

SUBJECTS:

water supply; water resources; water treatment; technological aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Not specific
Doc/info staff: --
Journal titles: Not specific

INFORMATION SERVICES:

Publications: Reports, annual reports
Availability information: As resources permit
Information supply by: Oral (phone, visit), public library and reading facilities, printed
Services provided: Photocopy services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Zambia
ZM.002

ORGANIZATION:
UNIVERSITY OF ZAMBIA
Technology Development and Advisory Unit
Box 32379, Lusaka
Zambia
tel: 213221 ext. 469; cable: unza lusaka

CONTACT PERSON: Dr. W.T. Weerakoon, Manager

TYPE OF ORGANIZATION: University

TOTAL STAFF: 4

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Design and development of simple water pumps and purification unit for community level.

SUBJECTS:

water supply; water collection; water use; water distribution; water treatment; sanitation; collection and offsite treatment; wastewater disposal

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 1

Journal titles: --

Entry: --

INFORMATION SERVICES:

Publications: Annual report

Availability information: Information services and publications free of charge or on exchange basis

Information supply by: Oral (phone, visit), photocopies

Services provided: Request handling (direct and referral services), retrospective literature searches, current awareness services, selective dissemination services, promotion of information use

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Zaire
ZR.001

ORGANIZATION:

BUREAU D'ETUDES ET DE RECHERCHES POUR LA PROMOTION DE LA SANTE

--
Boite Postale 1977, Kangu, Mayumbe (B.Z.)
Zaire
--

CONTACT PERSON: Dr. J. Courtejoie

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Education in sanitation.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: Catalogue

Availability information: No restrictions, no charges

Information supply by: --

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Zaire
ZR.002

ORGANIZATION:
INSTITUT SUPÉRIEUR DE DÉVELOPPEMENT RURAL (ISDR)

--
Boite Postale 2849, Bukavu
Zaire
tel: 3072

CONTACT PERSON: Georges Defour, Secrétaire Académique

TYPE OF ORGANIZATION: --

TOTAL STAFF: 24

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Consciousness of the rural community, design and construction of filters for small village communities, distillation (solar).

SUBJECTS:

water supply; water use; water treatment; sociological aspects; health aspects; technological aspects

INFORMATION SECTION:

Library holdings: 5,000 (not only on water supply and sanitation)
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: Journal "Amuka" (3 times a year)
Availability information: Free of charge, on exchange basis
Information supply by: Oral (phone, visit), handwritten
Services provided: Current awareness services, selective dissemination of information, promotion of information use, training of information and documentation staff and users

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Zimbabwe
ZW.001

ORGANIZATION:
MINISTRY OF HEALTH
Blair Research Laboratory
P.O. Box 8105, Causeway, Harare
Zimbabwe
tel: 74247

CONTACT PERSON: The Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 10

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Research malaria and bilharzia control and prevention; health technology.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; water quality; water distribution; pumps; sanitation; onsite collection and treatment; pit latrines

INFORMATION SECTION:

Library holdings: Small
Doc/info staff: None
Journal titles: --
Entry: Restricted

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports
Availability information: Information services free of charge
Information supply by: Phone, mail, printed documentation
Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Zimbabwe
ZW.002

ORGANIZATION:
ST. THERESA'S MISSION HOSPITAL

--
P.O. Box 7015, Umyuma
Zimbabwe

--

CONTACT PERSON: Sister Patricia Walsh

TYPE OF ORGANIZATION: --

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Hospital.

SUBJECTS:

water supply; sanitation; health aspects

INFORMATION SECTION:

Library holdings: --

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: --

Availability information: No restrictions, no charges

Information supply by: --

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Swaziland
SZ.001

ORGANIZATION:
MINISTRY OF EDUCATION
Department of Non-Formal and Adult Education
P.O. Box 39, Mbabane
Swaziland
tel: 42491

CONTACT PERSON: Mr. A. Kuneul, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National

ACTIVITIES

Provision of training in adult education. Training in practical subject fields such as agriculture, community water supply (construction and development of community wells, dams, rainwater harvesting etc.).

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; dams; rainwater collection; water quality; control; standards; analysis; water distribution; public standposts; water use; water demand; water savings; physical water treatment; chemical water treatment; biological water treatment

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: --
Availability information: --
Information supply by: --
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Burkina Faso
XA.001

ORGANIZATION:

COMITE INTER-AFRICAIN D'ETUDES HYDRAULIQUES (CIEH)

--

Boite Postale 369, Ouagadougou

Burkina Faso

tel: 333476, 333518; telex: eier 5266 uv

CONTACT PERSON: Mr. Ali Krissiamba, Head of Documentation Section

TYPE OF ORGANIZATION: Regional

TOTAL STAFF: --

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: Regional (Africa)

ACTIVITIES

CIEH coordinates activities in the field of hydrology, hydrogeology, water resources planning, rural water supply and sanitation. It covers technical, methodological, as well as institutional aspects in these fields.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; pumps; networks; water use; water demand; water wastage; leakage; water consumption; water savings; biological water quality; physical water quality; chemical water quality; plants; sanitation; waste utilization; irrigation; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 12,000 (approx. 100 microforms, 200 maps)

Doc/info staff: 5

Journal titles: 50

Entry: Public

INFORMATION SERVICES:

Publications: News bulletin, annual and technical reports, bibliographies, manuals, product catalogues, standards

Availability information: Information services by arrangement, free of charge or on exchange basis; publications by arrangement, according to set charges or on exchange basis

Information supply by: Mail, visit, typed, printed, photocopies

Services provided: Request handling (direct or referral), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents

NETWORK RELATIONS:

POETRI focal point; RESADOC

OTHER INFORMATION:

CIEH was founded in 1960 to coordinate activities in the field of water. Member states are Benin, Burkina Faso, Chad, Cameroon, Congo, Gabon, Ivory Coast, Mali, Mauritania, Niger, Senegal, Togo. In 1974, a CIEH information and documentation centre was set up to collect and disseminate information

ORGANIZATION:
UNITED NATIONS ECONOMIC COMMISSION FOR AFRICA (ECA)

--
P.O. Box 3001, Addis Ababa
Ethiopia
tel: 447200/09; telex: 21029

CONTACT PERSON: Mr. A.R. Tahir, Chief of ECA Library
Mr. K.J. Quirino-Lanhounmey,
Director of Pan African Documentation and Informati-
on Services (PADIS)

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 6

WORKING LANGUAGE(S): English; French; Arabic

GEOGRAPHICAL SCOPE: Regional (Africa)

ACTIVITIES

Intergovernmental organization resp. for the social & economic developmnt & coordination activities of member states in the Africa region, by providing advisory services, carrying out studies & missions, implementing projects and organising seminars, workshops and conferences

SUBJECTS:

water supply; water resources; groundwater; surface water; re-use of water; physical water quality; biological water quality; chemical water quality; water use; water demand; water wastage; water consumption

INFORMATION SECTION:

Library holdings: 75
Doc/info staff: 1
Journal titles: 13
Entry: Public

INFORMATION SERVICES:

Publications: Journals, newsletters, annual and other reports, bibliographies, manuals, standards (all only to ECA members)
Availability information: Information services and publications on request from governments or UN-agencies
Information supply by: Mail, typed or printed
Services provided: Request handling (direct and referral services), selective dissemination of information to ECA member states and UN organizations, preparation of bibliographies, loans of documents, translations, provision of copied documents

NETWORK RELATIONS: --

OTHER INFORMATION:

Is in general not directly involved in implementation of nat. projects, provides techn. cooperation & advisory services on req. Is involved in direct implementation of (sub)regional programmes within Africa. In the area of drinking water supply & sanitation, it coordinates and monitors water resources activities. ECA also promotes the exchange of info. & experiences, conducts specific case studies, organises seminars & workshops for training of personnel in water resources development.

81.11

Ivory Coast
XA.003

ORGANIZATION:

INSTITUT AFRICAIN POUR LE DÉVELOPPEMENT ECONOMIQUE ET SOCIAL
INADES Documentation
Boite Postale 8008, Abidjan 08
Ivory Coast
tel: 441594

CONTACT PERSON: Mlle. Vial

TYPE OF ORGANIZATION: --

TOTAL STAFF: 100

WORKING LANGUAGE(S): French

GEOGRAPHICAL SCOPE: Regional (Africa)

ACTIVITIES

INADES Documentation is a department of INADES. It helps the INADES-formation further in achieving its primary aim - the transformation of the rural world.

SUBJECTS:

water supply; sanitation; sociological aspects; manpower and training aspects; economic and financial aspects; technological aspects

INFORMATION SECTION:

Library holdings: 35,000
Doc/info staff: 8
Journal titles: 400

INFORMATION SERVICES:

Publications: Agriprono - Fichier Afrique, books, reports, bibliographies
Availability information: Free of charge, on exchange basis
Information supply by: Oral (visit), public library and reading facilities, handwritten, photocopies
Services provided: Request handling (direct and referral services), retrospective literature searches (manual), current awareness services, preparation of bibliographies, photocopy services, abstracting and indexing services, inter-documentation and library loan

NETWORK RELATIONS:

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OTHER INFORMATION:

INADES is working in: Burundi, Cameroon, Ethiopia, Rwanda, Togo, Burkina Faso and Zaire.

81.11

Cameroon
XA.004

ORGANIZATION:
PAN AFRICAN INSTITUTE FOR DEVELOPMENT (PAID)

--
P.O. Box 133, Buea, South West Province
Cameroon
tel: 328216

CONTACT PERSON: Philip Langley, Research worker and Eugene Nwanoske,
Librarian

TYPE OF ORGANIZATION: --

TOTAL STAFF: 14

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Africa)

ACTIVITIES

PAID is active in the field of integrated rural development organises long and short term inter-disciplinary training courses for analysis of development problems, design and management of development projects and programmes. Further activities include applied research and studies, support to local and national training institutions in different countries and consultancies.

SUBJECTS:

water supply; manpower and training aspects

INFORMATION SECTION:

Library holdings: 1,000
Doc/info staff: 1 senior; 2 juniors
Journal titles: 35

INFORMATION SERVICES:

Publications: PAID reports
Availability information: On exchange basis
Information supply by: Oral (phone, visit), public library and reading facilities, handwritten, photocopies, micro documents
Services provided: Request handling (direct and referral services)

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Kenya
XA.005

ORGANIZATION:
AFRICAN MEDICAL AND RESEARCH FOUNDATION

--
Wilson Airport, P.O. Box 30125, Nairobi
Kenya
tel: 501301

CONTACT PERSON: Michael Wood

TYPE OF ORGANIZATION: --

TOTAL STAFF: 120

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Africa)

ACTIVITIES

Continuing training, education for rural health personnel, primary health care, health behaviour, research

SUBJECTS:

water supply; water resources; water collection; water distribution; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; sociological aspects; health aspects; technological aspects

INFORMATION SECTION:

Library holdings: 1,000

Doc/info staff: 1

Journal titles: 15

INFORMATION SERVICES:

Publications: Journal Ajya, manuals for rural health services

Availability information: Visits free of charge, manuals charged, journal on exchange; some project reports that contain relevant material can be provided free as resources permit

Information supply by: Visit, printed, photocopies

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Senegal
XA.006

ORGANIZATION:

UNESCO
Division of Water Sciences
Rosta Dakar, Boite Postale 3311, Dakar
Senegal
tel: 225082, 214614; telex: 410 unesco sg

CONTACT PERSON: Mr. Dadzie, Librarian

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: Approx. 3

WORKING LANGUAGE(S): English; French

GEOGRAPHICAL SCOPE: Regional (Africa)

ACTIVITIES

UNESCO's decentralised services/offices in Africa serve member countries in the African region within the terms of reference. Training courses on water quality, engineering and hydrology. Formulation of projects on the utilization and conservation of water resources in rural areas of Africa.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; physical water quality; analysis; control; water distribution; water use; water demand; water wastage; water consumption; leakage; water savings; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: Numerous
Doc/info staff: 1
Journal titles: 11
Entry: Public

INFORMATION SERVICES:

Publications: Newsletter "Faits Nouveaux", annual and other reports, manuals, directories of scientists and water course
Availability information: Information services and publications free of charge within the limits of the allocated budget
Information supply by: Mail, visit, typed, printed, photocopies
Services provided: Request handling (direct or referral), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Tanzania
XA.007

ORGANIZATION:
ARDHI INSTITUTE
Centre for Housing Studies
P.O. Box 35124, Dar es Salaam
Tanzania
tel: 49112 ext. 260, 265

CONTACT PERSON: L.V.S. Uisso

TYPE OF ORGANIZATION: Semi autonomous body

TOTAL STAFF: 14

WORKING LANGUAGE(S): English; Kiswahili

GEOGRAPHICAL SCOPE: Regional (East and Southern African English speaking countries)

ACTIVITIES

Running of in-service, project and practice oriented courses in the field of human settlements planning and housing in particular; dissemination of information and consultancy services; carrying out problem oriented research.

SUBJECTS:

water supply; water resources; water collection; water distribution; water use; water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; collection and offsite treatment; composting; waste utilization; fertilization

INFORMATION SECTION:

Library holdings: Approx. 200
Doc/info staff: 3
Journal titles: 500-700
Entry: Public

INFORMATION SERVICES:

Publications: Bibliographies and manuals, seminar reports and research findings
Availability information: Information services and publications by arrangement
Information supply by: Oral (phone or visit), mail, typed or printed
Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

Related to Institute of Housing Studies/BIE Rotterdam, The Netherlands

OTHER INFORMATION:

Information dissemination by demonstration units.

83.10

Denmark
XE.001

ORGANIZATION:

WORLD HEALTH ORGANIZATION REGIONAL OFFICE FOR EUROPE (WHO EURO)

Health Documentation Services
8 Scherfigsvej, DK-2100 Copenhagen
Denmark

tel: (1) 290111; telex: 15348 who dk

CONTACT PERSON: Dr. A.A. Weber, Director Health Information

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 322

WORKING LANGUAGE(S): English; French; German; Russian

GEOGRAPHICAL SCOPE: International; Regional (Europe)

ACTIVITIES

The WHO Regional Office for Europe, as a technical agency of the UN, is dedicated to promoting health aspects of the UN programme, and supporting member states in the field of health development.

SUBJECTS:

water supply; water resources; groundwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public standposts; house connections; networks; leak detection; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; septic tanks and aqua privies; collection and offsite treatment; water carried systems; ponds; waste utilization; irrigation; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: ca. 5000 (also microforms available)

Doc/info staff: 22

Journal titles: 450

Entry: Public

INFORMATION SERVICES:

Publications: WHO Journals, bulletings, newsletters, annual and other reports, bibliographies, manuals, product catalogues and standards
Availability information: Information services by arrangement, on exchange basis; publications by arrangement, free of charge or according to set charges

Information supply by: Phone, mail, telex, visit, typed, photocopies
Services provided: Request handling (direct and referral services), selective dissemination of information, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Netherlands, The
XE.002

ORGANIZATION:
CONSERVATION OF CLEAN AIR AND WATER IN EUROPE (CONCAWE)

--
Babylon Offices A, Koningin Julianaplein 30-9, 2595 AA The Hague
Netherlands, The
tel: (70) 475494; telex: concawe via sipm 31005

CONTACT PERSON: Miss D. Selby Boothroyd, External Relations Manager

TYPE OF ORGANIZATION: Non-Governmental

TOTAL STAFF: 18

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Europe)

ACTIVITIES

Concawe was founded in 1963 by oil refining companies in Europe with the prime goal to study environmental aspects of the oil refinery industry. This includes the causes of air, water, soil and noise pollution, the effects of the pollution on the environment and preventive measures, the effect on people directly exposed to petroleum products and the scientific, economic and technical consequences of any preventive measures to be taken.

SUBJECTS:

water supply; water quality; control; water treatment; sanitation;
wastewater disposal

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --
Entry: By appointment

INFORMATION SERVICES:

Publications: Technical Reports
Availability information: Normally no charges
Information supply by: Oral (phone, visit), printed
Services provided: Direct request handling, library services, selective dissemination of information, referral services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.11

Barbados, West
Indies
XL.001

ORGANIZATION:
CARIBBEAN METEOROLOGICAL ORGANIZATION
Caribbean Operational Hydrology Institute Project
P.O. Box 130, Bridgetown
Barbados, West Indies
tel: 4251365

CONTACT PERSON: Mrs. Paulette Gooding, Librarian

TYPE OF ORGANIZATION: --

TOTAL STAFF: 52

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (English speaking Caribbean)

ACTIVITIES

Training activities and hydrological/meteorological investigations.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use
of water; water collection; wells; dams; rainwater collection; biological
water quality; physical water quality; chemical water quality; analysis;
water distribution; water use; sanitation; waste utilization; irrigation

INFORMATION SECTION:

Library holdings: 5,000
Doc/info staff: 2
Journal titles: 64
Entry: Public

INFORMATION SERVICES:

Publications: Annual reports and bibliographies
Availability information: Information services and publications by
arrangement or on exchange basis
Information supply by: Mail, visit, typed or photocopies
Services provided: Request handling (direct and referral services),
preparation of bibliographies, loans of documents, provision of copied
documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Barbados, West
Indies
XL.002

ORGANIZATION:
CARIBBEAN DEVELOPMENT BANK
Technology and Energy Unit
P.O. Box 408, Wildey, St. Michael
Barbados, West Indies
tel: 809 (42)61152; telex: 2287 wb

CONTACT PERSON: Project Officer, Documentation

TYPE OF ORGANIZATION: Development Bank

TOTAL STAFF: 12, and 5 consultants

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Caribbean)

ACTIVITIES

Energy conservation and the application of renewable energy sources in general, including water pumping systems. The Technology and Energy Unit provides a technical information service, small industry extension service and identification financing, and supervision of projects on renewable energy and small scale technology in CDB regional countries.

SUBJECTS:

water supply; water collection; water distribution; water use; sanitation; waste utilization; biogas; irrigation

INFORMATION SECTION:

Library holdings: 58,000
Doc/info staff: 2
Journal titles: 450
Entry: Public

INFORMATION SERVICES:

Publications: Bulletins and newsletters, annual and other reports, bibliographies, manuals, information publications and acquisition lists
Availability information: Information services free of charge, publications according to set charges or on exchange basis
Information supply by: Mail, phone, visit, telex, typed, printed or photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, bibliographies, copied documents provided, direct technical assistance in the field to small and medium scale enterprises

NETWORK RELATIONS:

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OTHER INFORMATION:

Research and development on solar/wind desalination.

83.11

Venezuela
XL.003

ORGANIZATION:

MINISTRY OF ENVIRONMENT AND NATURAL RENEWABLE RESOURCES

Centro Interamericano de Desarrollo Integral de Aguas y Tierras (CIDIAT)

Apartado 219, Merida

Venezuela

tel: (74) 522224; telex: 74104 cidiave

CONTACT PERSON: Virginia Contreras, Librarian

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 50

WORKING LANGUAGE(S): Spanish; English; Portuguese; French

GEOGRAPHICAL SCOPE: National; Regional (Latin America)

ACTIVITIES

Postgraduate programme in hydraulic work, irrigation and drainage, soils and irrigation, hydrology and hydraulic resources development planning. Short courses on environmental, water quality and previous issues. Technical and consulting services to government agencies.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; dams; biological water quality; physical water quality; chemical water quality; control; standards; water distribution; pumps; corrosion control; water use; water demand; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; collection and offsite treatment; ponds; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: 27,500

Doc/info staff: --

Journal titles: 286

Entry: Public

INFORMATION SERVICES:

Publications: Several publications, annual reports, bibliographies, books and thesis

Availability information: Information services on exchange basis, journals according to set charges

Information supply by: Mail, telex, phone, visits, typed, printed, photocopies

Services provided: Request handling (direct or referral), selective dissemination of information, bibliographies, loans of documents, provision of copies of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Mexico
XL.004

ORGANIZATION:

PAN AMERICAN HEALTH ORGANIZATION (PAHO)
Pan American Centre for Human Ecology and Health (ECO)
P.O. Box 249, Toluca, Edo. Mexico
Mexico
tel: 49290 ext. 214; telex: 01774561

CONTACT PERSON: Dr. Stephen W. Bennett, Director

TYPE OF ORGANIZATION: --

TOTAL STAFF:

WORKING LANGUAGE(S): Spanish; English

GEOGRAPHICAL SCOPE: Regional (Latin America)

ACTIVITIES

Chemical hazards and socio-cultural aspects of the re-use of waste water.
Community participation in the design and use of appropriate technology for
sanitation and waste disposal.

SUBJECTS:

water supply; water quality; sanitation; waste utilization; sociological
aspects; health aspects

INFORMATION SECTION:

Library holdings: 1,500 books; 2,500 separate
Doc/info staff: 2
Journal titles: 40

INFORMATION SERVICES:

Publications: --
Availability information: No restrictions, no charges
Information supply by: --
Services provided: Request handling (direct and referral services)

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

Guatemala
XL.005

ORGANIZATION:

CENTRO MESOAMERICANO DE ESTUDIO SOBRE TECNOLOGIA APROPIADA (CEMAT)

--
Apartado Postal 1160, Guatemala City
Guatemala
tel: 86512

CONTACT PERSON: Robin Nichols

TYPE OF ORGANIZATION: --

TOTAL STAFF: 3

WORKING LANGUAGE(S): Spanish; English; French

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Construction of biogas digesters, compost latrines, feasibility studies, construction of small rural water systems, aquaculture and agriculture with biodegraded wastes.

SUBJECTS:

water supply; water quality; water distribution; sanitation; collection and offsite treatment; waste utilization; fertilization; aquaculture; sociological aspects; economic and financial aspects; technological aspects

INFORMATION SECTION:

Library holdings: 3,500
Doc/info staff: 1 full time; 2 part time
Journal titles: --

INFORMATION SERVICES:

Publications: Quarterly bulletin, annual reports, rednewsletter
Availability information: Local consultation free of charges, institutional and international consultations special prices
Information supply by: Oral (visit), public library and reading facilities, photocopies
Services provided: Request handling, appropriate technology, documentation service, research, development, dissemination of appropriate technologies, network relations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Peru
XL.006

ORGANIZATION:

WORLD HEALTH ORGANIZATION, PANAMERICAN SANITARY BUREAU
Centro Panamericano de Ingenieria Sanitaria y Ciencias del Ambiente (CEPIS)
Casilla Postal 4337, Lima 100
Peru
tel: 354135; telex: 21052 pe cepis

CONTACT PERSON: As from early 1986: Mr. E. Alberto Florez Munoz,
Director of CEPIS

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 50

WORKING LANGUAGE(S): Spanish; English; Portuguese

GEOGRAPHICAL SCOPE: Regional (Latin America and Caribbean)

ACTIVITIES

CEPIS is a regional centre for sanitary engineering and environmental science technology that offers technical cooperation to Latin America and the Caribbean countries.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 16,000 (approx. 20,000 microforms)

Doc/info staff: 6

Journal titles: 100

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, reports, bibliographies, manuals, printed library catalogue

Availability information: Information services and publications according to set charges

Information supply by: Phone, visit, mail, telex, typed, printed, photo- or microcopies

Services provided: Request handling (direct or referral), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

REPIDISCA; POETRI focal point

OTHER INFORMATION: --

81.11

Guatemala
XL.007

ORGANIZATION:
AGUA DEL PUEBLO

--
3 Calle 6-352, Zona 4, Chimaltenango
Guatemala
tel: (39) 1412

CONTACT PERSON: Carlos Gomez

TYPE OF ORGANIZATION: --

TOTAL STAFF: 15

WORKING LANGUAGE(S): Spanish; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Development and institution of para-professional training courses, formation of regional sanitation programs with emphasis on potable water and sanitary waste disposal facilities.

SUBJECTS:

water supply; water distribution; sociological aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --

INFORMATION SERVICES:

Publications: Annual report
Availability information: --
Information supply by: Oral (phone, visit), photocopies
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Guatemala
XL.008

ORGANIZATION:

INSTITUTO DE NUTRICION DE CENTRO AMERICA Y PANAMA (INCAP)

--

P.O. Box 1188, Carretera Roosevelt, Zona 11, Guatemala City.

Guatemala

tel: 43762/5; telex: 5696 incap

CONTACT PERSON: Lic. Magda Fischer

TYPE OF ORGANIZATION: --

TOTAL STAFF: 165

WORKING LANGUAGE(S): Spanish; English

GEOGRAPHICAL SCOPE: Regional (Central America and Panama)

ACTIVITIES

INCAP is a scientific organization which provides technical assistance to its member countries (Central America & Panama). Its main objective is to contribute to the development of nutritional science, to promote the practical application of the various results of the investigations, and to strengthen the technical capacity of the member countries.

SUBJECTS:

water supply; biological water quality; physical water quality; chemical water quality; water distribution; water use; sanitation; onsite collection and treatment

INFORMATION SECTION:

Library holdings: 23,000

Doc/info staff: 9

Journal titles: 850

Entry: Public

INFORMATION SERVICES:

Publications: INCAP informal newsletter, annual and other reports, bibliographies, manuals and publication for seminars, workshops etc.

Availability information: Information services free of charge, publications on exchange basis

Information supply by: Mail, visit, typed or photocopies

Services provided: Request handling (direct or referral services), current awareness services, loans of documents, copies, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

Regional centre for promotion of breastfeeding.

83.10

Spain
XL.009

ORGANIZATION:
CENTRO DE ESTUDIOS Y EXPERIMENTACION DE OBRAS PUBLICAS

--
C/Alfonso XII 3, Madrid 7
Spain
tel: 4673708; telex: 45022 cdxe

CONTACT PERSON: Juan Ignacio Cuesta B, Head Info-Doc. Department

TYPE OF ORGANIZATION: Governmental

TOTAL STAFF: 900 (on engineering matters)

WORKING LANGUAGE(S): Spanish; English; French

GEOGRAPHICAL SCOPE: National; Regional (Latin America)

ACTIVITIES

Technical assistance in civil engineering, building and construction, research and including planning, design, construction, maintenance and operation of public works. Fields of interest are: roads, traffic, geotechnique, building materials, structures, hydraulics, hydrology and water works, ports and harbours, coastal management, oceanography, environmental effects of public works, use of nuclear radiology in water pollution, etc.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; control; standards; analysis; water use; water demand; water wastage; leakage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 45,000
Doc/info staff: 15
Journal titles: 800
Entry: Public

INFORMATION SERVICES:

Publications: Journals, annual and other reports, bibliographies, manuals and standards
Availability information: Information services according to set charges, publications by arrangement, according to set charges or on exchange basis
Information supply by: Phone, mail, telex, visit, typed printed, photocopies, microcopies or on-line services by phone
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translations, on-line searching in database (and training courses in on-line searching)

NETWORK RELATIONS: --

OTHER INFORMATION: --

83.09

Peru
XL.010

ORGANIZATION:

COOPERACION TECNICA DEL GOBIERNO SUIZO (COTESU)
Departamento Federal de Relaciones Exteriores
c/o Embajada Suiza, Casilla Postal 378, Lima 100
Peru
tel: 479825; telex: 21269 pe cotesu

CONTACT PERSON: Jean Bernard Dubois, Agregado Adjunto

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 20

WORKING LANGUAGE(S): Spanish; French; German

GEOGRAPHICAL SCOPE: Regional (Peru and Ecuador)

ACTIVITIES

Forestry science.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; dams; rainwater collection; water distribution; pumps; water use; sanitation; waste utilization; irrigation; fertilization; biogas

INFORMATION SECTION:

Library holdings: 5
Doc/info staff: 1
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: --

Availability information: Information services by arrangement, free of charge or on exchange basis

Information supply by: Oral (phone or visit), mail, telex, typed or photocopies

Services provided: Direct request handling, selective dissemination of information, current awareness services, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

India
XP.001

ORGANIZATION:

WORLD HEALTH ORGANIZATION REGIONAL OFFICE FOR SOUTH-EAST ASIA (WHO SEARO)

--

World Health House, Indraprastha Estate, Ring Road, New Delhi 110 002

India

tel: 270181/9; telex: 312241, 312195

CONTACT PERSON: Mr. C. Zielinski, Reports and Documents Officer

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 510

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (South-East Asia)

ACTIVITIES

Activities in the field of water supply and sanitation. Technical cooperation with member states to achieve national development targets, with emphasis on the International Drinking Water Supply and Sanitation Decade.

SUBJECTS:

water supply; water resources; water collection; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 25,000

Doc/info staff: 13

Journal titles: 375

Entry: Public

INFORMATION SERVICES:

Publications: WHO journals, bulletins, newsletter, annual and other reports, bibliographies, manuals, monographs on health related subjects

Availability information: Information services by arrangement, publications free of charge or according to set charges or on exchange basis

Information supply by: Phone, mail, telex, visit, typed, printed, photocopies

Services provided: Request handling (direct or referral services), MEDLINES/MEDLARS searches, selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

HELLIS National Focal Point

OTHER INFORMATION:

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83.09

Thailand
XP.002

ORGANIZATION:

FOOD AND AGRICULTURAL ORGANIZATION (FAO)
Regional Office for Asia and the Pacific (RAPA)
Phra Atit Road, Bangkok 10200
Thailand
tel: 2817844; telex: 82815 foodag th

CONTACT PERSON: Mr. Masaki Shimizu, Regional Water Development and
Management Officer

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: --

WORKING LANGUAGE(S): English; French

GEOGRAPHICAL SCOPE: Regional (Asia and the Pacific)

ACTIVITIES

Food supply and agriculture development. The FAO agency is mainly dealing with water for agriculture, irrigation and drainage.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; re-use of water; water collection; rainwater collection; dams; physical water quality; chemical water quality; water distribution; pipes; specials; pumps; water use; water demand; water wastage; leakage; water consumption; water savings; sanitation; waste utilization; irrigation; aquaculture

INFORMATION SECTION:

Library holdings: 70
Doc/info staff: 1
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports, bibliographies, manuals
Availability information: Information services without charges, by arrangement
Information supply by: Oral (phone, visit), mail, telex, typed, printed, photocopies
Services provided: Request handling (direct and referral services), current awareness services, preparation of bibliographies, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Thailand
XP.003

ORGANIZATION:

ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC (ESCAP)

--

United Nations Building, Rajadamnern Avenue, Bangkok 10200

Thailand

tel: 2829161; telex: 82392, 82315 escap th

CONTACT PERSON: S.A.M.S. Kibria, Executive Secretary

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: Approx. 1000

WORKING LANGUAGE(S): English; French; Chinese; Russian

GEOGRAPHICAL SCOPE: Regional (Asia and the Pacific)

ACTIVITIES

Major aims to help member countries to speed up their economic development and to improve the living standards of their peoples. ESCAP provides technical assistance, conducts research, disseminates development information and serves as a regionally unique intergovernmental forum.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; dams; water quality; water distribution; water use; water consumption; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; irrigation; aquaculture; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 101,000

Doc/info staff: 17

Journal titles: 3,000

Entry: Restricted

INFORMATION SERVICES:

Publications: Annual and other reports, journals (Water Resources Journal and Water Resources Series), bulletins and newsletters, bibliographies, manuals

Availability information: Information services by arrangement and publications on exchange basis

Information supply by: Oral (phone or visit), mail, telex, typed, photocopies or computer printouts

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

Undertakes promotion activities for information exchange systems.

81.11

Philippines
XP.004

ORGANIZATION:

WORLD HEALTH ORGANIZATION REGIONAL OFFICE FOR THE WESTERN PACIFIC (WHO WPRO)

--

P.O. Box 2932, 12115 Manila
Philippines
tel: 592041; telex: unisante manila

CONTACT PERSON: Ms. B. Agoncillo, WPRO Librarian

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: --

WORKING LANGUAGE(S): English; French

GEOGRAPHICAL SCOPE: Regional (Pacific Region)

ACTIVITIES

Advisory services to member states in community water supply and sanitation

SUBJECTS:

water supply; water resources; rainwater; groundwater; water collection; water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; composting toilets; septic tanks and aqua privies; collection and offsite treatment; waste utilization; irrigation; fertilization; biogas; wastewater disposal; sociological aspects; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 6,200
Doc/info staff: 14
Journal titles: 175

INFORMATION SERVICES:

Publications: Annual list of WPRO reports, Annual report "Biennial", WHO Catalogue of publications (latest 1947-1979)
Availability information: Free of charge, as resources permit
Information supply by: Oral (phone, visit), telex, public library and reading facilities, handwritten, printed, photocopies, microformat
Services provided: Request handling (direct and referral services), retrospective literature searches (manual, on-line), current awareness services, selective dissemination of information, preparation of bibliographies, inter-documentation and library loan, photocopy services, translation services, abstracting and indexing services (limited), reference tools compilation, advisory services (upon request), information user courses (including briefing)

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Thailand
XP.005

ORGANIZATION:

ASIAN INSTITUTE FOR TECHNOLOGY (AIT)
Environmental Engineering Division
P.O. Box 2754, Bangkok
Thailand
telex: 84276 ait th

CONTACT PERSON: --

TYPE OF ORGANIZATION: --

TOTAL STAFF: Teaching Faculty and Research Staff: 15

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Asia and Pacific)

ACTIVITIES

The Division of Environmental Engineering has at its disposal laboratory facilities for physical, chemical and bacteriological water examination, a mobile laboratory, pilot plants for water, sewage and industrial waste treatment and an oxidation pond. Academic specializations include water and waste engineering and environmental technology and management.

SUBJECTS:

water supply; water collection; water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 120,000
Doc/info staff: none
Journal titles: 800

INFORMATION SERVICES:

Publications: Theses, research reports, reprints
Availability information: Photo duplication on non-profit basis
Information supply by: --
Services provided: Request handling, training

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.01

Malaysia
XP.006

ORGANIZATION:

WORLD HEALTH ORGANIZATION WESTERN PACIFIC REGIONAL CENTRE FOR PROMOTION OF ENVIRONMENTAL PLANNING (WHO PEPAS)

--

P.O. Box 12550, Kuala Lumpur
Malaysia
tel: 356101 ext. 609; telex: ma 31064

CONTACT PERSON: Dr. K.M. Yao, Officer in Charge

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 12

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Western Pacific)

ACTIVITIES

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SUBJECTS:

water supply; water resources; surface water; water collection; biological water quality; physical water quality; chemical water quality; analysis; control; water distribution; leak detection; water use; leakage; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 500

Doc/info staff: 1

Journal titles: 10

Entry: On request from governments and universities

INFORMATION SERVICES:

Publications: Annual and seminar reports, bibliographies, selected papers for educational activities

Availability information: Publications and information services by arrangement, free of charge or on exchange basis

Information supply by: Mail, typed, printed, photocopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents, announcements of seminars and workshops

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Egypt, Arab
Republic of
XW.001

ORGANIZATION:

WORLD HEALTH ORGANIZATION EASTERN MEDITERRANEAN REGIONAL OFFICE (WHO EMRO)

--
P.O. Box 1517, Alexandria
Egypt, Arab Republic of
tel: 802318; telex: 54028 who un

CONTACT PERSON: Mr. G.A. Guirquis, Librarian

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 350

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Eastern Mediterranean)

ACTIVITIES

Promotion of public health.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 2

Journal titles: --

Entry: --

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual reports, reports, bibliographies, manuals, product catalogues, standards

Availability information: Information services free of charge; publications are made available by government bodies and educational institutions and are available by arrangement

Information supply by: Mail and telex (only governments), printed or photocopies

Services provided: Referral request handling services (limited to governmental health officers), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Lebanon
XW.002

ORGANIZATION:

AMERICAN UNIVERSITY OF BEIRUT

Department of Environmental Health, Faculty of Health Sciences

Beirut

Lebanon

tel: 340740 ext. 2405

CONTACT PERSON: Professor Aftim Acra

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 5

WORKING LANGUAGE(S): English; Arabic

GEOGRAPHICAL SCOPE: Regional (Middle East)

ACTIVITIES

Teaching and research.

SUBJECTS:

water supply; water resources; groundwater; surface water; re-use of water; water collection; wells; infiltration galleries; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; leak detection; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas

INFORMATION SECTION:

Library holdings: 3,100

Doc/info staff: None

Journal titles: 15

Entry: Restricted

INFORMATION SERVICES:

Publications: Reports

Availability information: Publications by arrangement

Information supply by: Visit

Services provided: Direct request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Syria
XW.003

ORGANIZATION:

ARAB CENTRE FOR STUDIES OF ARID ZONES AND DRY LANDS (ACSAD)

The Arab League

P.O. Box 2440, Damascus

Syria

tel: 755713/4; telex: acsad 412697 sy

CONTACT PERSON: Ouni Jalahij, Librarian

TYPE OF ORGANIZATION: Inter-governmental

TOTAL STAFF: 60

WORKING LANGUAGE(S): Arabic; English; French

GEOGRAPHICAL SCOPE: Regional (Arab States)

ACTIVITIES

Regional research programmes and studies related to arid zones such as water resources, soils, plants and animal production as well as farming, exchange of knowledge and experience among Arab states, cooperation with other Arab and international organizations.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater;
physical water quality; chemical water quality; analysis

INFORMATION SECTION:

Library holdings: Approx. 750

Doc/info staff: 2

Journal titles: 21

Entry: Special restrictions

INFORMATION SERVICES:

Publications: Annual and other reports, papers and maps

Availability information: Information services and publications by arrangement, free of charge or on exchange basis

Information supply by: Mail, visit, typed, printed, or photocopied

Services provided: Referral services on request, selective dissemination of information, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

United States of
America
XZ.001

ORGANIZATION:

UNITED NATIONS WATER RESOURCES BRANCH, DIVISION OF NATIONAL RESOURCES AND ENERGY

Department of Technical Cooperation for Development
Room DC1 752, Grand Central Station, P.O. Box 20, New York, N.Y. 10017
United States of America
tel: (212) 7548585; telex: unations

CONTACT PERSON: Margaret Cullimore, Research Assistant

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 24

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Activities are geared towards the achievement of greater efficiency in the use of water, increasing the supplies of groundwater and enhancing the availability of surface water through surveys, exploration, development and management programmes, including creation or strengthening of national technical services, artificial recharge, etc.

SUBJECTS:

water supply; water resources; groundwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; physical water quality; chemical water quality; control; water distribution; pumps; networks; water use; water demand; water treatment

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 1
Journal titles: --
Entry: Restricted

INFORMATION SERVICES:

Publications: Reports and manuals
Availability information: Publications by arrangement or on exchange basis
Information supply by: Phone or mail
Services provided: Direct request handling services

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

United States of
America
XZ.002

ORGANIZATION:
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)
Division of Information
1 United Nations Plaza, New York, N.Y. 10017
United States of America
tel: (212) 9065558

CONTACT PERSON: Mr. Erskine Childers, Director

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: Approx. 10,000

WORKING LANGUAGE(S): English; French; Spanish; Arabic

GEOGRAPHICAL SCOPE: International

ACTIVITIES

UNDP is the world's largest grant multilateral technical cooperation programme. It helps developing countries to find the technical skills for developing programmes and to coordinate the technical efforts that are needed to turn finance for development into development itself.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: No estimates available

Doc/info staff: 2

Journal titles: --

Entry: Restricted

INFORMATION SERVICES:

Publications: Decade Watch newsletter, bibliography IDWSSD, manuals, reports and guidelines on water supply and sanitation

Availability information: Information services by arrangement, free of charge, publications according to set charges or by arrangement

Information supply by: Phone, mail, telex, visit, printed

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, copies of documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Italy
XZ.003

ORGANIZATION:

UNITED NATIONS FOOD AND AGRICULTURE ORGANIZATION (FAO)

--

Via delle Terme di Caracalla, 00100 Rome

Italy

tel: 57971; telex: 610181 fao i

CONTACT PERSON: Mr. K. Harada, Chief Librarian

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: --

WORKING LANGUAGE(S): English; French; Spanish; Arabic; Chinese

GEOGRAPHICAL SCOPE: International

ACTIVITIES

In the field of agriculture, fisheries and forestry: collection, analysis and dissemination of information, advising governments on policy and planning, promoting consultations and cooperation amongst other member countries, providing technical advice and assistance.

SUBJECTS:

water supply; sanitation; waste utilization; irrigation; fertilization

INFORMATION SECTION:

Library holdings: Large collection (also microforms)

Doc/info staff: 52

Journal titles: 7,500

Entry: Restricted

INFORMATION SERVICES:

Publications: Many reports, FAO documentation, current bibliographies

Availability information: Information services free of charge, publications according to set charges

Information supply by: Mail, telex, photocopies, or microcopies

Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Kenya
XZ.004

ORGANIZATION:

UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

International Referral System for Sources of Environmental Information

(INFOTERRA)

P.O. Box 30552, Nairobi

Kenya

tel: 333930 ext. 4182; telex: 22068

CONTACT PERSON: Dr. Woyen Lee, Acting Director

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 14

WORKING LANGUAGE(S): English; French; Spanish; Russian

GEOGRAPHICAL SCOPE: International

ACTIVITIES

INFOTERRA is a worldwide network of national and other centres or "focal points" which assists organizations and individuals in locating sources of technical, scientific and development-oriented information on the environment. It is the channel through which such information may be obtained.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; chemical water quality; physical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; water use; water demand; water wastage; water consumption; water savings; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; septic tanks and aqua privies; collection and offsite treatment; water carried systems; ponds; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: --

Doc/info staff: 9

Journal titles: --

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, bibliographies and directory of sources (Infoterra directory on drinking water supply and sanitation), manuals and standards

Availability information: Information services and publications free of charge or according to set charges

Information supply by: Phone, mail, telex, typed, printed or photocopies

Services provided: Request handling (direct or referral service), bibliographies, loans of documents, copies of documents

NETWORK RELATIONS: --

OTHER INFORMATION: --

83.09

United States of
America
XZ.006

ORGANIZATION:
UNITED NATIONS CHILDREN'S FUND (UNICEF)

--
866 United Nations Plaza, New York, N.Y. 10017
United States of America
tel: (212) 75403270/1; telex: 62346

CONTACT PERSON: Martin G. Beyer, Senior Policy Specialist, Water and
Environmental Sanitation Team (WET)

TYPE OF ORGANIZATION: UN organization

TOTAL STAFF: 3,000 (in water supply and sanitation field:130)

WORKING LANGUAGE(S): English; French; Spanish; Chinese; Russian; Arabic

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Advocacy and active support to government programmes benefiting children and mothers, particularly in the developing countries in the field of health, education, nutrition, social welfare, water and sanitation.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; chemical water quality; physical water quality; water distribution; public standposts; pipes; specials; pumps; water use; water demand; water wastage; water consumption; physical water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; waste utilization; irrigation; aquaculture; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 900
Doc/info staff: 1
Journal titles: 15
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters, annual and other reports, bibliographies, manuals, product catalogues (UNIPAC Catalogue)
Availability information: Information services and publications by arrangement, on exchange basis or free of charge
Information supply by: --
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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NETWORK RELATIONS:

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OTHER INFORMATION:

The Related Programme Activity Centre at the Geneva Office: Palais des Nations, CH-1211 Geneva 10, Switzerland

34.06

Netherlands, The
XZ.007

ORGANIZATION:

INTERNATIONAL REFERENCE CENTRE FOR COMMUNITY WATER SUPPLY AND SANITATION
(IRC)

--
Prinses Margrietplantsoen 20, P.O. Box 93190, 2509 AD The Hague
Netherlands, The
tel: (70) 814911; telex: 33296 irc nl

CONTACT PERSON: D. de Jong, Information Manager

TYPE OF ORGANIZATION: WHO Collaborating Centre

TOTAL STAFF: 28

WORKING LANGUAGE(S): English; German; French; Spanish; Dutch

GEOGRAPHICAL SCOPE: International

ACTIVITIES

The IRC promotes international cooperation in the water supply and sanitation field with the emphasis on developing countries. The centre coordinates research and development activities and related information exchange and transfer through an inquiry service, documentation of the literature, clearing house activities, and a newsletter.

SUBJECTS:

water supply; water resources; groundwater; rainwater; water collection; wells; rainwater collection; biological water quality; chemical water quality; physical water quality; water distribution; public standposts; pumps; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 9,500
Doc/info staff: 7
Journal titles: 200
Entry: Public

INFORMATION SERVICES:

Publications: IRC Newsletter (English and French), annual and other reports, bibliographies, technical papers, bulletins and occasional papers related to water supply and sanitation
Availability information: Information services free of charge, publications according to set charges or on exchange basis (organizations in developing countries free of charge)
Information supply by: Phone, mail, telex, visit, printed or photocopies
Services provided: Request handling (direct and referral services), selective of information, current awareness services, bibliographies, copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

At present also working on renewable energy sources for pumping water.

83.12

Switzerland
XZ.008

ORGANIZATION:

SWISS FEDERAL INSTITUTE FOR WATER RESOURCES AND WATER POLLUTION CONTROL (EAWAG)

International Reference Centre for Waste Disposal (IRCWD)

Ueberlandstrasse 133, 8600 Duebendorf

Switzerland

tel: (1) 8235017/8; telex: 53817 ch

CONTACT PERSON: Ms. Sylvie Peter

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 5

WORKING LANGUAGE(S): German; English; French

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research, consultancy and teaching in sanitation and water pollution control in developing countries.

SUBJECTS:

water supply; water resources; surface water; re-use of water; water collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; water use; physical water treatment; chemical water treatment; biological water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: 650

Doc/info staff: 1

Journal titles: 200

Entry: Public

INFORMATION SERVICES:

Publications: IRCWD Newsletter, reports, bibliographies, state-of-the-art reviews

Availability information: Information services and publications by arrangement or on exchange basis

Information supply by: Mail, telex, visit, typed, photocopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of state-of-the-art reviews

NETWORK RELATIONS:

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OTHER INFORMATION:

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33.12

France
XZ.009

ORGANIZATION:

INTERNATIONAL TRAINING CENTRE FOR WATER RESOURCES MANAGEMENT (CEFIGRE)

--
P.O. Box 13, Sophia Antipolis, 06561 Valbonne cedex 1
France
tel: (93) 43100; telex: 461311 f

CONTACT PERSON: Mme Ghafoorian

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 23

WORKING LANGUAGE(S): French; English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Training and further education of medium and high level officials from developing countries in the field of water and sanitation.

SUBJECTS:

water supply; water resources; water distribution; water use; water treatment; sanitation; collection and offsite treatment

INFORMATION SECTION:

Library holdings: 2,500
Doc/info staff: 4
Journal titles: 4
Entry: Public (trainees of the centre)

INFORMATION SERVICES:

Publications: Newsletter, annual and other reports, bibliographies, manuals
Availability information: Information services by arrangement, publications by arrangement, according to set charges or on exchange basis
Information supply by: Mail, telex, visit, typed, photocopies
Services provided: Direct request handling services, preparation of bibliographies for trainees, loans of documents to trainees, translations

NETWORK RELATIONS:

Water World Data Bank

OTHER INFORMATION:

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83.12

United Kingdom
XZ.010

ORGANIZATION:
WATER RESEARCH CENTRE (WRC)

--
Henley Road, Medmenham, P.O.Box 16, Marlow, Bucks. SL7 2HD
United Kingdom
tel: (491) 571531; telex: 848632

CONTACT PERSON: Mrs. L.E. Newman, Technical Information Manager (WRC
Environment)

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 560

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research in water supply, waste water treatment and aquatic environmental pollution.

SUBJECTS:

water supply; water resources; groundwater; surface water; re-use of water; water collection; wells; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; septic tank and aqua privies; collection and offsite treatment; water carried systems; waste utilization; irrigation; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 52,000
Doc/info staff: 20
Journal titles: 450
Entry: By appointment

INFORMATION SERVICES:

Publications: Journals, newsletters, annual and other reports, bibliographies, manuals, standards
Availability information: Information services and publications according to set charges
Information supply by: Phone, visit, mail, telex, typed, printed, photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies of documents, translations, online searchable database (Aqualine)

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

Bangladesh
XZ.011

ORGANIZATION:
INTERNATIONAL CENTRE FOR DIARRHOEAL DISEASE RESEARCH

--
P.O. Box 128, Dhaka 2
Bangladesh
tel: 600171/8 (pabx); telex: 65612 icdd bj

CONTACT PERSON: M. Shamsul Islam Khan, Head, Library and Publication
Branch

TYPE OF ORGANIZATION: Autonomous

TOTAL STAFF: 1,070

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research on diarrhoeal diseases and related subjects of nutrition and fertility. Relationship between diarrhoeal diseases, water supply and sanitation.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: Approx. 23,500
Doc/info staff: 18
Journal titles: 463
Entry: Public

INFORMATION SERVICES:

Publications: (Special) publications, annual and other reports, working and scientific papers, bibliographies, manuals, brochures

Availability information: Information services and publications by arrangement, according to set charges or on exchange basis

Information supply by: Phone, mail, telex, visit, typed, photocopies or microcopies

Services provided: Request handling (direct or referral services), selective dissemination of information, current awareness services, bibliographies, loans of documents, provision of copies, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.12

Philippines
XZ.012

ORGANIZATION:
INTERNATIONAL INSTITUTE OF RURAL RECONSTRUCTION

--
P.O. Box 967, Makati Commercial Center, Makati, Metro Manila
Philippines
tel: 582659; cable: irrinc Manila

CONTACT PERSON: Jaime Ronquille, Manager, Media Production Unit

TYPE OF ORGANIZATION: --

TOTAL STAFF: 126

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: National; International

ACTIVITIES

Water-sealed toilet and hydraulic ram model for village use.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; water collection; wells; rainwater collection; physical water quality; water distribution; house connections; pipes; pumps; water use; water demand; water consumption; water savings; chemical water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; collection and offsite treatment; water carried systems; ponds; composting; waste utilization; irrigation; aquaculture; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 6000
Doc/info staff: 8
Journal titles: 92
Entry: Public

INFORMATION SERVICES:

Publications: *Rural reconstruction review, annual and other reports, bibliographies, handbooks, product catalogues*
Availability information: Information services and publications by arrangement, according to set charges or on exchange basis
Information supply by: Phone, mail, telex, visit, typed or printed
Services provided: Direct request handling services, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

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ORGANIZATION:
INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC)

--
P.O. Box 8500, 60 Queen Street, Ottawa, K1G 3H6
Canada
tel: (613) 23661630; telex: 0533753

CONTACT PERSON: Dr. John Gill, Director, Health Sciences Division

TYPE OF ORGANIZATION: --

TOTAL STAFF: 400

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

IDRC provides financial support for research in developing countries. Over 40 projects in water supply and sanitation are presently receiving support throughout the world. Research support to this sector is applied in nature and covers technical, social and managerial, economic, manpower, development and institutional aspects, as well as information dissemination.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --

INFORMATION SERVICES:

Publications: Newsletter, report series, bibliography: "Low cost Technology Options for Sanitation", publication
Availability information: Free of charge, as resources permit; scale of charges
Information supply by: Oral (phone and visit), telex, public library and reading facilities, handwritten, printed, photocopies, microformat
Services provided: Request handling (direct and referral services), retrospective literature searches, selective dissemination of information, preparation of bibliographies, inter-documentation and library loan, abstracting and indexing services, advisory service

NETWORK RELATIONS:

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OTHER INFORMATION:

IDRC has regional offices in Singapore, Nairobi, New Delhi, Dakar, Cairo and Bogota.

83.09

Israel
XZ.014

ORGANIZATION:
INTERNATIONAL IRRIGATION INFORMATION CENTRE

--
P.O. Box 49, Bet Dagan, 50 250, Volcani Center
Israel
tel: (03) 980-3561386; telex: 03-2332 costi

CONTACT PERSON: Shelagh Shalegh, General Manager

TYPE OF ORGANIZATION: Semi-governmental/private

TOTAL STAFF: 20

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

The International Irrigation Information Center (IIIC) was set up by the International Developing Research Centre (IDRC) of Canada in cooperation with the State of Israel. The objectives of the Center are to operate and maintain a clearing house for information on irrigation from around the world and to process and disseminate this information in a form which is easily available to the international irrigation community, especially in developing countries.

SUBJECTS:

water supply; sanitation; waste utilization; irrigation

INFORMATION SECTION:

Library holdings: 22,000
Doc/info staff: 3
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Irrinews (newsletter in English, Spanish, Arabic), Irricab, abstract journal, publications of directories, manuals, bibliographies and other reviews

Availability information: --

Information supply by: Phone, mail, telex, visit, typed, printed, photocopies

Services provided: Direct request handling, current awareness services, bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

IDRC Canada (P.O.Box 8500, Ottawa K1G 3H9, Canada, telephone (613) 9962321, telex 0533753)

OTHER INFORMATION:

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83.12

United States of
America
XZ.015

ORGANIZATION:

AGENCY FOR INTERNATIONAL DEVELOPMENT (AID)

Development Information Centre

320 Twenty First Street N.W., Room 209, SA-18, Washington D.C. 20523

United States of America

tel: (703) 2358936

CONTACT PERSON: Ms. Joanne Paskar

TYPE OF ORGANIZATION: Governmental

TOTAL STAFF: Approx. 15

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Provides access to AID operated report materials concerning community water supply and sanitation.

SUBJECTS:

water supply; water resources; water quality; water use; water treatment; sanitation; collection and offsite treatment; wastewater disposal

INFORMATION SECTION:

Library holdings: 60,000 (1981)

Doc/info staff: Approx. 10

Journal titles: 150 (1981)

Entry: --

INFORMATION SERVICES:

Publications: AID research and development abstracts

Availability of information: As resources permit

Information supply by: Oral (phone, visit), public library and reading facilities, printed, photocopies, microformat

Services provided: Direct request handling, retrospective literature searches (on-line), inter-documentation and library loan

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Netherlands, The
XZ.016

ORGANIZATION:

SOCIALLY APPROPRIATE TECHNOLOGY INTERNATIONAL INFORMATION SERVICES (SATIS)

--

Mauritskade 61a, 1092 AD Amsterdam
Netherlands, The
tel: (20) 926892; telex: 15080 kit nl

CONTACT PERSON: P.R. Osborn, Secretary General

TYPE OF ORGANIZATION: Non-governmental organization

TOTAL STAFF: 4

WORKING LANGUAGE(S): French; English; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

SATIS is an international association, working to promote popular development through the appropriation of technology. A central feature of SATIS programmes is the management, exchange and dissemination of information on appropriate technologies. In local development networks, many SATIS members have selected and developed a wide range of publications for development workers.

SUBJECTS:

water supply; water resources; water collection; wells; dams; rainwater collection; biological water quality; water distribution; public standposts; pipes; pumps; water use; water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; ponds; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 300 (Central holding)
Doc/info staff: 4
Journal titles: 20
Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletin, newsletters, annual and other reports, bibliographies, manuals
Availability information: Information services by arrangement or on exchange basis, publications according to set charges or on exchange basis
Information supply by: Phone, mail, visit, printed or photocopies
Services provided: Direct request handling services, current awareness services, preparation of bibliographies, provision of copied documents

NETWORK RELATIONS:

SATIS

OTHER INFORMATION:

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84.01

United States of
America
XZ.017

ORGANIZATION:
VOLUNTEERS IN TECHNICAL ASSISTANCE (VITA)

--
1815 North Lynn Street, Suite 200, Arlington, Va 22209
United States of America
tel: (703) 2761800; telex: 440192 vitau

CONTACT PERSON: Brij Mathur, Deputy Director, Information Resources

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 45

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Provide technical assistance to developing countries through: on-site consultations, distribution of information, information resources development training programmes, and project implementation.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; re-use of water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; control; standards; water distribution; public stand-posts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; aquatic weeds; waste utilization; irrigation; aquaculture; algae; fertilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 20,000 (also microfiche holding)
Doc/info staff: 13
Journal titles: Approx. 300 (1981)
Entry: By appointment

INFORMATION SERVICES:

Publications: VITA News (journal), annual and other (technical) reports, bibliographies, handbooks
Availability information: Information services and publications by arrangement, according to set charges, free of charge or on exchange basis
Information supply by: Phone, mail, telex, visit, typed, printed, photocopies and microfiches
Services provided: Request handling (direct and referral services), current awareness services, bibliographies, loans of documents, translations, copies of documents

NETWORK RELATIONS: --

OTHER INFORMATION: --

83.11

Netherlands, The
XZ.018

ORGANIZATION:
TOOL (TECHNICAL DEVELOPMENT DEVELOPING COUNTRIES)

--
Entrepotdok 68a/69a, 1018 AD Amsterdam
Netherlands, The
tel: (20) 264409; telex: 15080 kit nl attention tool

CONTACT PERSON: J. van de Voort
TYPE OF ORGANIZATION: Non-governmental
TOTAL STAFF: 13
WORKING LANGUAGE(S): Dutch; English
GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research, information collection and dissemination, publishing, application projects, technical advice centre for developing countries.

SUBJECTS:

water supply; water resources; groundwater; surface water; water distribution; public standposts; specials; pumps; water treatment; sanitation waste utilization; biogas

INFORMATION SECTION:

Library holdings: 6,800
Doc/info staff: 2
Journal titles: 172
Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports: Journal Vraagbaak (French/English), newsletter TOOLichting (Dutch), books on appropriate technology
Availability information: Publications according to set charges, information services free of charge
Information supply by: Oral (phone or visit), mail, telex, typed, printed or photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, preparation of bibliographies, loans of documents, provision of copied documents

NETWORK RELATIONS:

SATIS

OTHER INFORMATION:

Special project: application of wind energy for water pumping.

83.09

United Kingdom
XZ.019

ORGANIZATION:

OXFAM

--
274 Bambery Road, Oxford OX2 7DZ
United Kingdom
tel: (865) 56777; telex: 83610

CONTACT PERSON: Jim Howard, Technical Officer

TYPE OF ORGANIZATION: Charity organization

TOTAL STAFF:

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

OXFAM is a British charity organization for the relief of human suffering. It finances relief and development projects throughout the developing world. It has a technical unit which has carried out research and development in sanitation, water supply etc.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; infiltration galleries; dams; rainwater collection; water distribution; public standposts; pipes; pumps; networks; physical water treatment; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; ponds; waste utilization; irrigation

INFORMATION SECTION:

Library holdings: Approx. 20
Doc/info staff: 10
Journal titles: --
Entry: Upon request

INFORMATION SERVICES:

Publications: Annual and other reports on water supply/sanitation and low-cost housing, manuals
Availability information: Information services by arrangement; publications by arrangement according to set charges
Information supply by: Phone, mail, visit, telex, printed or photocopies
Services provided: Request handling (direct or referral services), selective dissemination of information, preparation of bibliographies

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.10

United Kingdom
XZ.020

ORGANIZATION:

WATER AND WASTE ENGINEERING FOR DEVELOPING COUNTRIES (WEDC)
Loughborough University of Technology, Department of Civil Engineering
Loughborough, Leics. LE11 3TU
United Kingdom
tel: (509) 263171; telex: 34319 unitec g

CONTACT PERSON: Mrs. Tricia Jackson, Information Officer

TYPE OF ORGANIZATION: University

TOTAL STAFF: Approx. 25

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Training of engineers, scientists and other professionals involved in water supply and sanitation in developing countries by programmes at Loughborough and worldwide; consultancy and research in technological, economic, management and social aspects related to water supply and sanitation.

SUBJECTS:

water supply; water resources; groundwater; rainwater; surface water; water collection; wells; infiltration galleries; dams; rainwater collection; biological water quality; physical water quality; chemical water quality; analysis; water distribution; public standposts; house connections; pipes; specials; pumps; networks; leak detection; corrosion control; water use; water demand; water wastage; leakage; water consumption; water savings; water treatment; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; ponds; composting; waste utilization; irrigation; biogas; wastewater disposal; sociological aspects; health aspects; technological aspects; institutional aspects; economic and financial aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: Approx. 1,000
Doc/info staff: 2
Journal titles: 40
Entry: Restricted

INFORMATION SERVICES:

Publications: Journals, bulletins and newsletters, reports, manuals, bibliographies, proceedings of WEDC conferences
Availability information: Information services by arrangement or on exchange basis, publications according to set charges (bulletin free of charge)
Information supply by: Phone, mail, visit, printed
Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents

NETWORK RELATIONS: --

OTHER INFORMATION: --

ORGANIZATION:
LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE
Department of Tropical Hygiene
Keppel Street, London WC1E 7HT
United Kingdom
tel: (1) 6368636; telex: 8953474 lshtm g

CONTACT PERSON: Dr. R.G. Feachem, Head

TYPE OF ORGANIZATION: University

TOTAL STAFF: 47

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Research, teaching and consultancy work in epidemiology and control of the major communicable diseases of the tropics. Major focussing points are: health aspects of water supply and sanitation and the provision of low cost excreta disposal systems for rural and semi urban communities.

SUBJECTS:

water supply; water resources; water collection; water treatment; standards; water distribution; public standposts; house connections; water use; biological water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: Numerous
Doc/info staff: 1
Journal titles: Numerous
Entry: --

INFORMATION SERVICES:

Publications: Annual and other reports, bibliographies, handbooks
Availability information: Information services and publications by arrangement
Information supply by: Phone, mail, telex, visit, typed
Services provided: Selective dissemination of information

NETWORK RELATIONS:

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OTHER INFORMATION:

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83.09

Spain
XZ.022

ORGANIZATION:
CURSO INTERNACIONAL DE HIDROLOGIA SUBTERRANEA

--
Beethoven 15/3, Barcelona 21
Spain
tel: (93) 3221951; telex: 52455 coabn e

CONTACT PERSON: Emilio Custodio, Director
TYPE OF ORGANIZATION: Agreement between government and university
TOTAL STAFF: 11
WORKING LANGUAGE(S): Spanish
GEOGRAPHICAL SCOPE: International

ACTIVITIES

Postgraduate courses on groundwater hydrology (6 months), emphasis on groundwater exploration, evaluation, exploitation and management.

SUBJECTS:

water supply; water resources; groundwater; water collection; wells; infiltration galleries; chemical water quality; water use; water demand; water consumption; water savings; sanitation; waste utilization; irrigation

INFORMATION SECTION:

Library holdings: 800
Doc/info staff: --
Journal titles: 12
Entry: Public (with permission)

INFORMATION SERVICES:

Publications: Reports on study areas, manuals and papers, Hidrologia Subterranea, 2 vol., 2400 pp
Availability information: Publications according to set charges or on exchange basis
Information supply by: Visit, printed, photocopies
Services provided: Teaching facilities

NETWORK RELATIONS:

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OTHER INFORMATION:

Short courses on new topics (groundwater pollution, modelling) are organized incidentally.

83.11

Switzerland
XZ.023

ORGANIZATION:

HELVETAS (SWISS ASSOCIATION FOR TECHNICAL ASSISTANCE/SATA)

--
St. Moritzstrasse 15, 8042 Zurich
Switzerland
tel: (1) 3635060; telex: 58946

CONTACT PERSON: Hugo Luchinger, Desk Officer Cameroon, Mozambique,
Lesotho

TYPE OF ORGANIZATION: Private

TOTAL STAFF: 25 (headquarters) + approx. 100 overseas

WORKING LANGUAGE(S): German; English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Construction activities of drinking water supplies, bridges, roads, etc.,
vocational training, social-medical and general village development
programmes, agriculture, dairy farms, forestry.

SUBJECTS:

water supply; water resources; groundwater; surface water; water collection;
wells; physical water quality; control; water distribution; public
standposts; pipes; specials; pumps; water use; water demand; water wastage;
water consumption; water savings; physical water treatment; chemical water
treatment; sanitation; onsite collection and treatment; collection and
offsite treatment; waste utilization; wastewater disposal

INFORMATION SECTION:

Library holdings: --
Doc/info staff: 4
Journal titles: Approx 50
Entry: --

INFORMATION SERVICES:

Publications: Annual and other reports, manuals (manual for rural water
supply), bulletins, newsletters
Availability information: Information services and publications by
arrangement
Information supply by: Mail, visit, typed, or photocopies
Services provided: Request handling

NETWORK RELATIONS:

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OTHER INFORMATION:

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84.09

United States of
America
XZ.024

ORGANIZATION:

WATER AND SANITATION FOR HEALTH (WASH) PROJECT

--
1611 N. Kent Street, Arlington, Va 22209
United States of America

tel: (203) 2438200; telex: wui 64552; cable: washaid

CONTACT PERSON: James Beverly, Information Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 16

WORKING LANGUAGE(S): English; French; Spanish

GEOGRAPHICAL SCOPE: International

ACTIVITIES

WASH project provides assistance in rural and urban fringe water supply and sanitation projects. Areas of assistance are technical assistance, technology transfer, manpower development and information support.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; infiltration galleries; rainwater collection; biological water quality; physical water quality; chemical water quality; standards; water distribution; public standposts; house connections; pipes; specials; pumps; networks; water use; water demand; water wastage; leakage; water savings; biological water treatment; physical water treatment; chemical water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; cartage; water carried systems; waste utilization; biogas; wastewater disposal

INFORMATION SECTION:

Library holdings: Approx. 4500

Doc/info staff: 2

Journal titles: 60

Entry: Public

INFORMATION SERVICES:

Publications: Annual and other reports, bibliographies, manuals and product catalogues

Availability information: Information services and publications on exchange basis (to AID assisted agencies free of charge)

Information supply by: Phone, mail, telex. visit, typed, printed, photocopies

Services provided: Request handling (direct and referral services), selective dissemination of information, current awareness services, preparation of bibliographies, loans of documents, provision of copied documents, translations

NETWORK RELATIONS:

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OTHER INFORMATION:

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85.11

Thailand
XZ.025

ORGANIZATION:

ASIAN INSTITUTE OF TECHNOLOGY (AIT)
Environmental Sanitation Information Centre (ENSIC)
P.O. Box 2754, Bangkok
Thailand
tel: 5290100/13; telex: 84276 ait th

CONTACT PERSON: The Director

TYPE OF ORGANIZATION:

TOTAL STAFF: --

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Developing countries worldwide

ACTIVITIES

The purpose of ENSIC is to make available relevant information on sanitation problems to people in developing countries.

SUBJECTS:

water supply; water collection; water quality; water distribution; water use; water treatment; sanitation; onsite collection and treatment; collection and offsite treatment; waste utilization; irrigation; fertilization; biogas; aquaculture; algae; wastewater disposal

INFORMATION SECTION:

Library holdings: 120,000 (for AIT)
Doc/info staff: 5 (in ENSIC)
Journal titles: 800 (for AIT)
Entry: Public

INFORMATION SERVICES:

Publications: Environmental Sanitation Abstracts (low cost options), Environmental Sanitation state-of-the-art reviews, newsletter "Enfo", holdings list, occasional publications
Availability information: Microfiches and hard copies are available at minimal cost, publications only available to members of ENSIC (modest membership fee)
Information supply by: Phone, visit, public library and reading facilities, handwritten, printed, photocopies, microformat, computerized data-base
Services provided: request handling, photocopying, abstracting, publishing, retrospective literature searches (manual, on-line), inter-documentation and library loan, user profile preparation, advisory service, information and documentation staff training

NETWORK RELATIONS:

POETRI focal point; ASTINFO

OTHER INFORMATION:

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85.06

United States of
America
XZ.026

ORGANIZATION:
PEACE CORPS

Office of Information Collection and Exchange (ICE)
806 Connecticut Avenue N.W. (M-701), Washington D.C. 20526
United States of America
tel: (202) 2547386

CONTACT PERSON: Mrs. T. Heady, Resource Development Specialist

TYPE OF ORGANIZATION: Non-governmental organization

TOTAL STAFF: 6

WORKING LANGUAGE(S): English; Spanish; French

GEOGRAPHICAL SCOPE: International

ACTIVITIES

The ICE is the Peace Corps' central technical information resource in all programme areas from agriculture to women in development. ICE's role is to support volunteers and staff in the field with the most relevant, up-to-date technical materials available.

SUBJECTS:

water supply; water resources; groundwater; surface water; rainwater; water collection; wells; dams; water quality; analysis; water distribution; pipes; pumps; water use; water demand; water treatment; plants; sanitation; onsite collection and treatment; pit latrines; composting toilets; septic tanks and aqua privies; collection and offsite treatment; wastewater disposal; technological aspects; health aspects; sociological aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: --
Doc/info staff: --
Journal titles: --
Entry: Public

INFORMATION SERVICES:

Publications: Catalogue of manuals, reprints, case studies and resource packets, ICE Almanac, bi-monthly newspaper Peace Corps Times, technical monographs and training aid materials
Availability information: Information services free of charge, on exchange basis or according to set charges; publications according to set charges, but free to Peace Corps volunteers, host country counterparts, university libraries and development agencies
Information supply by: Phone, mail, printed, typed or photocopies
Services provided: Request handling (direct and referrals services), selective dissemination of information, provision of copied documents

NETWORK RELATIONS:

Network of contacts in other organizations.

OTHER INFORMATION:

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84.01

United Kingdom
XZ.027

ORGANIZATION:

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE

Bureau of Hygiene and Tropical Diseases

Keppel Street, London WC1E 7HT

United Kingdom

tel: (1) 6368636; telex: 8953474

CONTACT PERSON: D.W. Fitz Simons, Director

TYPE OF ORGANIZATION: Government

TOTAL STAFF: 11

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: International

ACTIVITIES

Collection and dissemination of information on tropical and communicable diseases, their control, environmental health and community health aspects.

SUBJECTS:

water supply; water resources; water quality; water distribution; water treatment; sanitation

INFORMATION SECTION:

Library holdings: Approx. 7,000 (+ audiovisual teaching aids)

Doc/info staff: 2

Journal titles: 1,000

Entry: Public

INFORMATION SERVICES:

Publications: Journals, bulletins, newsletters and manuals

Availability information: Information services by arrangement or on exchange basis, publications according to set charges or on exchange basis

Information supply by: Phone, mail, telex, visit, typed, printed, photocopied or on computer tapes

Services provided: Request handling (direct and referral services), selective dissemination of information, preparation of bibliographies, provision of copied documents

NETWORK RELATIONS:

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OTHER INFORMATION:

See also XZ.021

81.11

France
XZ.028

ORGANIZATION:
GROUPE DE RECHERCHES ET D'ECHANGES TECHNOLOGIQUES (GRET)

--
34 rue Dumont d'Urville, 75116 Paris
France
tel: (14) 5021010; telex: 612315 f

CONTACT PERSON: Yves Cabannes (housing), Philippe Lamy (health)

TYPE OF ORGANIZATION: --

TOTAL STAFF: 20

WORKING LANGUAGE(S): French; Spanish; English

GEOGRAPHICAL SCOPE: --

ACTIVITIES

Monography on alternative water supply systems for urban areas. Contacts in France with people dealing with these topics. Information on water and sanitation.

SUBJECTS:

water supply; sanitation

INFORMATION SECTION:

Library holdings: 5,000

Doc/info staff: 4

Journal titles: 70

INFORMATION SERVICES:

Publications: Newsletter "La Lettre du GRET", bibliographies on water and sanitation, books, technical data sheets

Availability information: Free of charge, except publications

Information supply by: Oral (phone, visit), telex, public library and reading facilities, handwritten, printed, photocopies

Services provided: Direct request handling, selective dissemination of information, photocopy services

NETWORK RELATIONS:

SATIS

OTHER INFORMATION:

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1.11

United Kingdom
XZ.029

ORGANIZATION:
APPROPRIATE HEALTH RESOURCES AND TECHNOLOGIES ACTION GROUP (AHRTAG)

--
85 Marylebone High Street, London W2M 3DF
United Kingdom
tel: (1) 864175

CONTACT PERSON: Dr. Katherine Elliott, Honorary Director

TYPE OF ORGANIZATION: Non-governmental organization

TOTAL STAFF: 9

WORKING LANGUAGE(S): English

GEOGRAPHICAL SCOPE: Regional (Europe)

ACTIVITIES

AHRTAG is concerned with the development of equipment and techniques for health care at community level. It also provides an information service on appropriate technology for health - answering enquiries, organising discussions and recommending technical consultants. Special areas of interest include the cold chain, dental health, disability prevention and rehabilitation, diarrhoeal diseases and community health education. Since it began in 1977, AHRTAG has been in touch with overseas groups with similar interests and is part of an informal world network linking people interested in primary health care. AHRTAG is a sister organization to the Intermediate Technology Development Group (ITDG) and is a WHO Collaborating Centre for Appropriate Technology for Health.

SUBJECTS:

water supply; sanitation; health aspects; technological aspects; institutional aspects; manpower and training aspects

INFORMATION SECTION:

Library holdings: 2,000
Doc/info staff: 2
Journal titles: 150

INFORMATION SERVICES:

Publications: Diarrhoea Dialogue - a free quarterly newsletter on all aspects of the prevention and control of diarrhoeal diseases, auxiliaries in primary health care
Availability information: Free of charge, as resources permit, on exchange basis
Information supply by: Oral (phone, visit), public library and reading facilities, printed
Services provided: Direct request handling, current awareness services, photocopy services; other: in the field of water and sanitation there is only a small library in London

NETWORK RELATIONS:

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OTHER INFORMATION:

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81.11

France
XZ.030

ORGANIZATION:
ORGANIZATION OF EUROPEAN COOPERATION AND DEVELOPMENT (OECD)

--
94 rue Chardon Lagache, 75016 Paris
France
tel: (14) 5239630; telex: 62160

CONTACT PERSON: Mr. Hartmut Schneider, Principal Administrator

TYPE OF ORGANIZATION: Non-governmental organization

TOTAL STAFF: --

WORKING LANGUAGE(S): English; French

GEOGRAPHICAL SCOPE: Regional (Europe)

ACTIVITIES

Since its establishment in 1962, the role of the OECD development centre is to undertake research activities, to promote cooperation between research and training institutes, to exchange development experiences, to collect and disseminate information and documentation on development. Water supply problems were studied from 1976-1979. No on-going work in this field at present.

SUBJECTS:

water supply; sociological aspects

INFORMATION SECTION:

Library holdings: Public library

Doc/info staff: --

Journal titles: --

INFORMATION SERVICES:

Publications: Studies on rural water supply systems (D. Miller), Self-help and popular participation in rural water systems" (D. Miller)

Availability information: Depending on type of report

Information supply by: Public library and reading facilities, printed

Services provided: Request handling

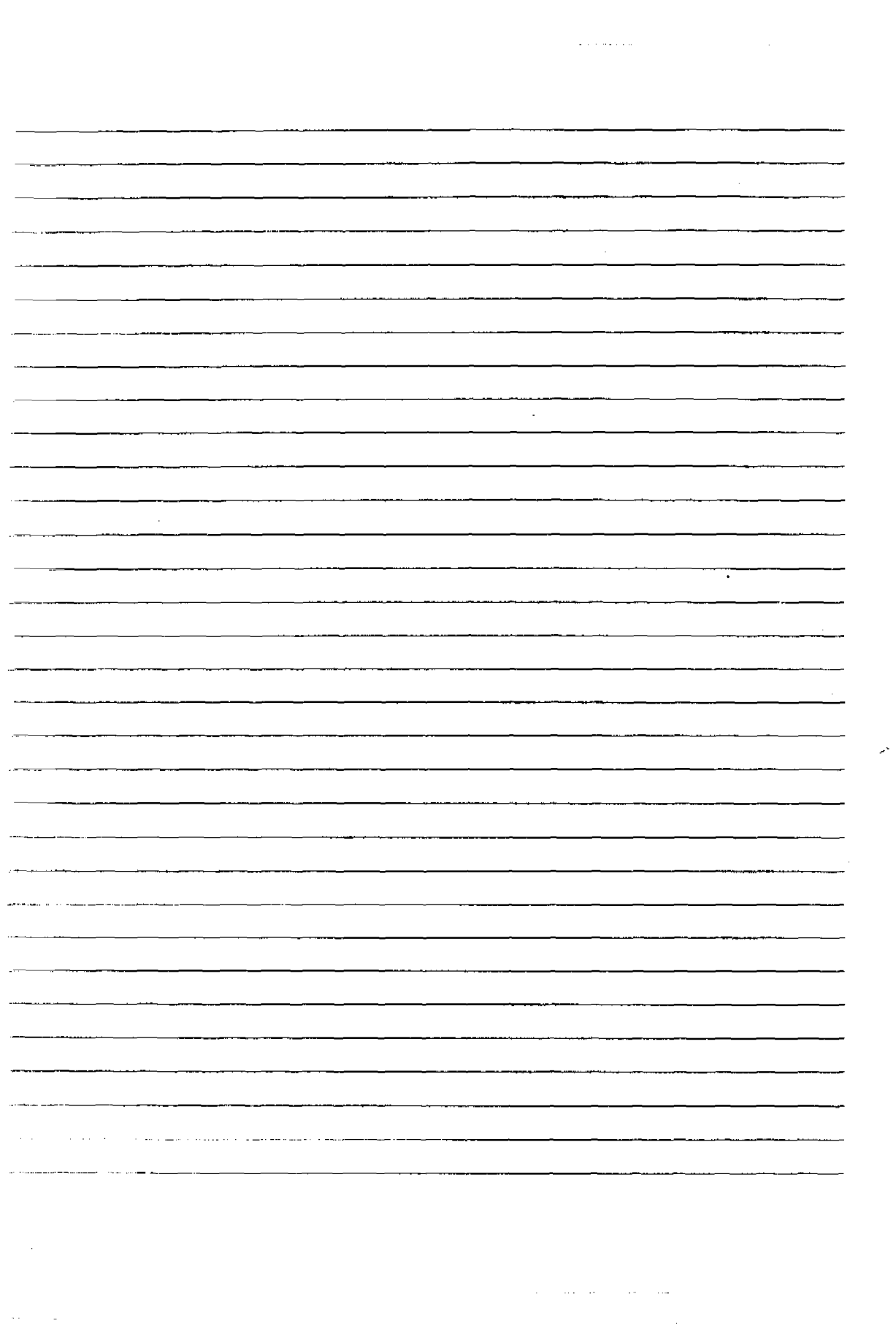
NETWORK RELATIONS:

--

OTHER INFORMATION:

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A P P E N D I C E S



APPENDIX I - LIST OF COUNTRY CODES
 REGIONAL CODES used in this Directory

AFRICA XA
 EUROPE XE
 NORTH AMERICA XN
 LATIN AMERICA XL
 ASIA AND THE PACIFIC XP
 MIDDLE EAST XW

INTERNATIONAL CENTRES XZ

COUNTRY CODES used in this Directory

ARGENTINA	AR	MOROCCO	MA
BAHRAIN, STATE OF	BH	MOZAMBIQUE	MZ
BANGLADESH	BD	NEPAL	NP
BARBADOS, WEST INDIES	BB	NETHERLANDS, THE	NL
BELGIUM	BE	NICARAGUA	NI
BENIN	BJ	NIGER	NE
BOLIVIA	BO	OMAN	OM
BOTSWANA	BW	PAKISTAN	PK
BRAZIL	BR	PANAMA	PA
CAMEROON	CM	PAPUA NEW GUINEA	PG
CANADA	CA	PERU	PE
CHILE	CL	PHILIPPINES	PH
COLOMBIA	CO	POLAND	PL
COSTA RICA	CR	PUERTO RICO	PR
CYPRUS	CY	SAUDI ARABIA	SA
DENMARK	DK	SIERRA LEONE	SL
ECUADOR	EC	SOUTH AFRICA	ZA
EGYPT	EG	SOVIET UNION (USSR)	SU
EL SALVADOR	SV	SPAIN	ES
ETHIOPIA	ET	SRI LANKA	LK
FRANCE	FR	ST. LUCIA	LC
GABON	GA	SUDAN	SD
GERMANY, FED. REPUBLIC OF	DE	SWAZILAND	SZ
GHANA	GH	TANZANIA	TZ
GUATEMALA	GT	THAILAND	TH
INDIA	IN	TOGO	TG
INDONESIA	ID	TRINIDAD	TT
IRAN	IR	UNITED KINGDOM	UK
IRELAND	IE	UNITED STATES OF AMERICA	US
ISRAEL	IL	URUGUAY	UY
JAMAICA	JM	VANUATU	VU
JORDAN	JO	VENEZUELA	VET
KENYA	KE	YUGOSLAVIA	YU
KIRIBATI	KI	ZAIRE	ZR
KUWAIT	KW	ZAMBIA	ZM
MADAGASCAR	MG	ZIMBABWE	ZW
MALAWI	MW		
MALAYSIA	MY		
MALI	ML		
MEXICO	MX		

AR	ARGENTINIA	MY	MALAYSIA
BB	BARBADOS	MZ	MOZAMBIQUE
BD	BANGLADESH	NE	NIGER
BE	BELGIUM	NI	NICARAGUA
BH	BAHRAIN, STATE OF	NP	NEPAL
BJ	BENIN	OM	OMAN
BO	BOLIVIA	PA	PANAMA
BR	BRAZIL	PE	PERU
BW	BOTSWANA	PG	PAPUA NEW GUINEA
CA	CANADA	PH	PHILIPPINES
CL	CHILE	PK	PAKISTAN
CM	CAMEROON	PL	POLAND
CO	COLOMBIA	PR	PUERTO RICO
CR	COSTA RICA	SA	SAUID ARABIA
CY	CYPRUS	SD	SUDAN
DE	GERMANY, FED. REP. OF,	SL	SIERRA LEONE
EC	ECUADOR	SU	SOVIET UNION (USSR)
ES	SPAIN	SV	EL SALVADOR
FR	FRANCE		
GA	GABON		
GB	GREAT BRITAIN		
GH	GHANA		
GT	GUATAMALA		
ID	INDONESIA		
IE	IRELAND		
IL	ISRAEL		
IN	INDIA		
IR	IRAN		
JM	JAMAICA		
JO	JORDAN		
KE	KENYA		
KI	KIRIBATI		
KW	KUWAIT		
LC	ST. LUCIA		
LK	SRI LANKA		
MA	MOROCCO		
MG	MADAGASCAR		
ML	MALI		
MW	MALAWI		
MX	MEXICO		

Appendix II

LIST OF DIRECTORIES ON WATER SUPPLY AND SANITATION

BOURNE, Peter G
Directory of National Action Committee for the International Water Decade (comp. by Peter G. Bourne - New York: UNDP), 1981, p57, + addendum p.7.

INFOTERRA
Drinking Water Supply and Sanitation: information sources - Eau potable et assainissement: sources d'information - Agua potable y saneamiento ambiental: fuentes de informacion - Infoterra. Nairobi: Infoterra, 1982. - x, p. 232; includes index and bibliography: p. 219-232

INTERNATIONAL Reference Centre for Community Water Supply and Sanitation
Directory of organisations involved in community education and participation in water supply and sanitation; International Reference Centre for Community Water Supply and Sanitation, Rijswijk. Water and Sanitation for Health Project, Arlington Va.
WASH. 1983 - p.167

INTERNATIONAL Water Supply Association
IWSA year book ... - Annuaire de l'AIDE ... - Jahrbuch der IVWV ...
- London: International Water Supply Association, ca. 1982.
Annual
Continues: The International "Who's who" in Water Supply =
ISN 0260-4604
ISN 0254-0592

NATIONAL Council for International Health (Washington, D.C.)
Guide to U.S. based organizations involved in water supply and sanitation in developing countries / National Council for International Health, Water and Sanitation for Health Project. - Washington, D.C.: NCIH; Arlington, Va.: WASH., 1983 - ii, 103 p.
Bibliography: p. 10 - 11

SUNDARESAN, B.B.
Directory of institutions in the ESCAP region active in environmental quality monitoring. editor in chief B.B. Sundaresan; assoc. editors J.M. Dave, R.K. Saraf, S.G. Bhat; Nagpur: National Environmental Engineering Research Institute; Nairobi: United Nations Environment Programme, (ca, 1978) - Looseleaf

WATER and Sanitation for Health Project
WASH project information/exchange roster of organizations related to water Decade; 2nd. ed., Arlington, Va.: Water and Sanitation for Health Project, 1983, p. 90.

WORLD

World environmental directory: standard environmental reference, 3rd ed.
Silver Spring, Maryland: Business Publishers, 2 vol.

**Vol. 1: Africa, Asia, Australia, New-Zealand, Europe, Middle East,
South America, p. 534.**

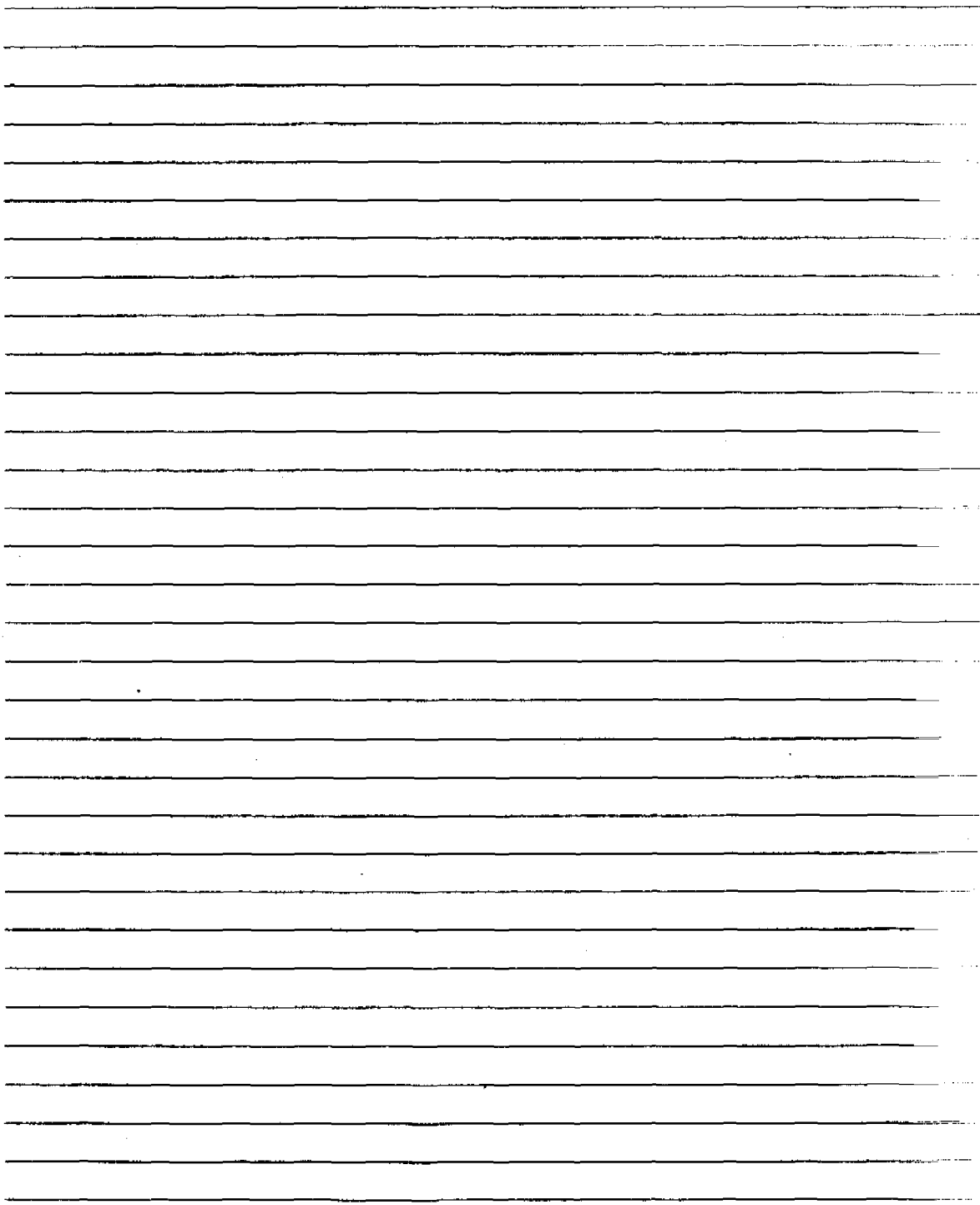
WORLD Health Organization.

**Unit for Global Promotion and Cooperation for Water Supply and
Sanitation. Catalogue of external support (Comp. by the Unit for
Global Promotion and Cooperation for Water Supply and Sanitation (GWS),
Division of Environmental Health, World Health Organization, 2nd. ed.
Geneva: WHO, 1983 (GWS series for cooperative action for the IDWSSD: no.3
At head cover: International Drinking Water Supply and Sanitation Decade
Includes References**

WASH/IRC

CEP DIRECTORY

I N D E X E S



LIST OF INSTITUTIONS

NATIONAL INSTITUTIONS

CARIS - Instituto Nacional de Ciencia y Tecnicas Hidricas, Centro Argentino de Referencia en Ingenieria Sanitaria y Ciencias del Ambiente (CARIS)	AR.001
Direccion Nacional de Saneamiento Ambiental	AR.002
Barbados Water Authority, Ministry of Transport and Works	BB.001
Bangladesh National Scientific and Technical Documentation Center (BANSDOC)	BD.001
Bangladesh University of Engineering and Technology, Department of Civil Engineering	BD.002
Bangladesh Academy for Rural Development, Health and Nutrition Program and Small Farmers Development Project	BD.003
Appropriate Technology for Developing Countries (ATOL)	BE.001
Manama Public Library, Ministry of Education	BH.001
Departement de la Recherche Agronomique, Direction de la Recherche Scientifique et Technique	BJ.001
Centre National d'Agro-pedologie,	BJ.002
Direccion Nacional de Saneamiento Ambiental	B0.001
Centro Para el Desarrollo Social y Economico (DESEC)	B0.002
Centro Nacional de Documentacion Cientifica y Tecnologica (CNDCT)	B0.003
Companhia de Agua e Esgoto da Paraiba (CAGEPA)	BR.001
Companhia de Aguas e Esgotos do Rio Grande do Norte (CAERN)	BR.002
Companhia Catarinense de Aguas e Saneamento (CASAN)	BR.003
Instituto Brasileiro de Informacao em Ciencia e Tecnologia (IBICT)	BR.004
Instituto de Pesquisas Hidraulicas Universida de Federal do Rio Grande do Sul (UFRGS)	BR.005
Companhia de Saneamento Basico do Estado de Sao Paulo (SABESP), Central Technical Library	BR.006

Sanemat	BR.007
Companhia de Saneamento do Parana (SANEPAR),	BR.008
Secretaria Especial do Meio Ambiente, Ministerio do Interior (SEMA)	BR.009
Companhia de Saneamento do Estado de Minas Gerais (COPASA-MG) SPTA - Tecnologia Ambiental	BR.010
Fundacao Instituto Tecnologico do Estado de Pernambuco (ITEP), Secretaria da Industria, Comercio e Minas	BR.011
Centro de Documentacao, Ministerio da Saude	BR.012
Fundacao Servicos de Saude Publica	BR.013
Botswana Technology Centre,	BW.001
Rural Industries Innovation Centre (RIIC)	BW.002
Brace Research Institute, MacDonald College of McGill University	CA.001
WATDOC Environment Canada, Inland Waters Directorate Environment Canada	CA.002
(CIDA) Canadian International Development Agency, Development Information Centre (DIC)	CA.003
Centro de Investigaciones Hidrológicas (CIH), Universidad de la Serena	CL.001
Centro Nacional de Informacion y Documentacion, (CENID) Commission Nacional de Investigacion Cientifica y Technologica (CONICYT)	CL.002
Corporacion Industrial Para el Desarrollo Regional del BIOBIO (CIDERE)	CL.003
Empresa Metropolitana de Obras Sanitarias (EMOS)	CL.004
Departamento Programas Sobre el Ambiente, Ministerio de Salud	CL.005
Servicio Nacional de Geologia y Minería (Sernageomin)	CL.006
Servicio Nacional de Obras Sanitarias (SENDOS)	CL.007
Seccion Ingeieria Sanitaria y Ambiental, Universidad de Chile, Departamento de Ingeniera Civil ambiental	CL.008
Centre de Recherches Hydrauliques Délégation Générale à la Recherche Scientifique et Technique (DGRST), Institut de Recherches Géologiques et Minières	CM.001

Direction du Génie Rural et de l'Hydraulique Agricole, Ministry of Agriculture	CM.002
Department of Community Development, Ministry of Agriculture	CM.003
Centro de Investigaciones Multidisciplinarias en Desarrollo (CIMDER)	CO.001
Centro de Investigaciones para el Desarrollo Integral (CIDI), Universidad Pontificia Bolivariana	CO.002
Instituto Nacional de Investigaciones Geológico-Mineras (Ingeominas)	CO.003
Instituto Costarricense de Acueductos y Alcantarillados (AYA)	CR.001
Water Development Department, Ministry of Agriculture and Natural Resources	CY.001
Interdisziplinäre Projektgruppe fuer Angepasste Technolgie (IPAT) Technical Univeristy Berlin	DE.001
Institut fuer Wasserforschung GmbH, Dortmund, Dortmunder Stadtwerke AG.	DE.002
Centro Medico San Jose	EC.001
Instituto Nacional de Meteorologica y Hidrologia (INAMHI)	EC.002
Servicio de Informacion Tecnica (CENDES)	EC.003
Instituto Ecuatoriano de Obras Sanitarias (IEOS), Ministry of Water Supply	EC.004
National Information and Documentation Centre (NIDOC)	EG.001
Centro de Estudios, Investigacion y Aplicaciones del Agua, Sociedad General de Aguas de Barcelona, S.A.	ES.001
Centro de Estudios Hidrograficos, Centro de Estudios y Experimentacion de Obras Publicas	ES.002
Institute of Information and Documentation in Science and Technology (ICYT)	ES.003
Centro de Estudios y Experimentacion de Obras Publicas	ES.004
Association Francaise pour l'Etude de l'Eau (AFEE)	FR.001
Sociète Lyonnaise des Eaux et de l'Eclairage	FR.002
Centre National d'Antipollution Ministère de la Recherche Scientifique, Chargé de l'Environnement et de la Protection de la Nature	GA.001

Department of Civil Engineering, University of Leeds	GB.001
Centre for Alternative Technology	GB.002
Intermediate Technology Development Group Limited (ITDG)	GB.003
Water Research Centre (WRC), Information Service on Toxicity and Biodegradability (INSTAB)	GB.004
Biodeterioration Centre	GB.005
Technology Consultancy Centre (TCC), Univeristy of Science and Technology	GH.001
Ghana Water and Sewerage Corporation	GH.002
Escuela Regional de Ingenieria Sanitaria y Recursos Hidraulicos (ERIS), Facultad del Ingenieria, Universidad de San Carlos de Guatemala	GT.001
Badan Urusan Tenaga Keya Sukarela Indonesia (BUTSI), Department of Manpower, Village Technology Unit (VTU)	ID.001
Institute of Hydraulic Engineering, Ministry of Public Works, Directorate General of Water Resources Development	ID.002
P.T. Deserco Development Services	ID.003
National Scientific Documentation Centre (LIPI) (Pusat Dokumentasi Ilmian Nasional/PDIN), Indonesian Institute of Sciences	ID.004
Save the Children	ID.005
Yayasan Dian Desa (Light of the Village Foundation)	ID.006
Dinas Kesehatan Propinsi Daerah Istimewa Aceh, Sub. Dinas Pembinaan Kesehatan Lingkungan	ID.007
Central Library (Perpustakaan Sentral-lipi), Indonesian Institute of Sciences	ID.008
An Foras Forbartha	IE.001
National Institute for Physical Planning and Construction Research, Department of the Environment	IE.002
Groundwater Research Centre, Hebrew University, Faculty of Agriculture	IL.001
National Centre for Scientific and Technological Information	IL.002
Civil Engineering Faculty, Univeristy of Haifa	IL.003

Water Workers Association	IL.004
Central Public Health and Environmental Engineering Organization (CPHEED), Ministry of Works and Housing	IN.001
Council of Scientific and Industrial Research (CSIR), National Environmental Engineering Research Institute (NEERI)	IN.002
Indian Institute of Technology, Dept. of Civil Engineering, Environmental Engineering Section	IN.003
Faculty of Rural Health and Sanitation, Gandhigram Rural Institute (Deemed University)	IN.004
Institution of Public Health Engineers, All India Institute of Hygiene and Public Health, Dept. of Sanitary Engineering	IN.005
Public Health Engineering Section, All India Institute of Hygiene and Public Health	IN.006
Civil Engineering Department, Indian Institute of Technology, Environmental Engineering Section (Kanpur)	IN.007
Department of Civil Engineering, Indian Institute of Technology, Environmental Engineering Section (New Delhi)	IN.008
Gandhigram Institute of Rural Health and Family Welfare Trust	IN.009
Victoria Jubilee Technical Institute, (Central Technological Institute, Maharashtra State)	IN.010
Institute for Research and Planning in Science and Education, Iranian Documentation Centre (IRANDOC)	IR.001
Teheran Regional Water Board	IR.002
Natural Resource Conservation Department (NRCD)	JM.001
National Resources Conservation Department, Ministry of Environment, Science and Technology	JM.002
Amman Water and Sewerage Authority	JO.001
Water Supply Corporation	JO.002
Department of Mechanical, Civil and Agricultural Engineering, Faculty of Engineering, University of Nairobi	KE.001
Housing Research and Development Unit (HRDU), University of Nairobi	KE.002
Women' Bureau, Department of Social Services, Ministry of Culture and Social Services	KE.003

Kenya National Archives, Constitutional Affairs Office	KE.004
Bukura Institute of Agriculture	KE.005
Ministry of Water Development	KE.006
Ministry of Health	KE.007
Ministry of Health and Family Planning	KI.001
Water Resources Development Centre, Ministry of Electricity and Water	KW.001
St. Lucia Central Water Authority	LC.001
Sri Lanka Institute of Scientific and Industrial Research	LK.001
National Institute of Health Sciences (NIHS)	LK.002
Mahaweli Authority of Sri Lanka	LK.003
Lanka Jatika Sarvodaya Shramadana Sangamayo Movement	LK.004
National Water Supply and Drainage Board (NWS&DB)	LK.005
Central Environmental Authority	LK.006
Sri Lanka Scientific and Technical Information Centre (SLSTIC)	
Sri Lanka Scientific and Technical Information Centre	LK.007
Office National d'Eau Potable (ONEP)	MA.001
National Centre of Documentation, Ministry of Planning and Human Resources Development	MA.002
Service of Energy, Direction of Mines and Energy	MG.001
Direction Nationale de l'Hydraulique et de l'Energie	ML.001
Christian Service Committee	MW.001
The Polytechnic Department, University of Malawi	MW.002
Comision de Aguas del Valle de Mexico (CAVM)	MX.001
Piact de Mexico AC	MX.002
Public Health Engineering Section, Ministry of Health, Division of Engineering Services	MY.001
Direccao Nacional de Aquas	MZ.001
Unidade de Direccao de Abastecimento de Aqua e Saneamento	MZ.002
Direction des Resources en Eau	NE.001

Complejo Civico Camilo Orrega, Ministerio de Salud	NI.001
DHV Consulting Engineers, Technical Working Group on Development Cooperation	NL.001
United Mission to Nepal, Health Services Office	NP.001
Public Authority for Water Resources	OM.001
Direccion de Investigaciones, Ministerio de Salud	PA.001
Direccion General de Obras Sanitarias (DGOS), Ministerio de Vivienda y Construccion	PE.001
Empresa de Saneamiento de Lima (ESAL)	PE.002
Empresa de Saneamiento de Arequipa	PE.003
Direccion General Aguas, Suelos e Irrigaciones	PE.004
Servicio Nacional de Abastecimiento de Aqua Potable y Alcantarillado (SENAPA)	PE.005
Department of Community Medice, University of Papua New Guinea	PG.001
National Water Supply and Sewerage Board, Department of Works and Supply	PG.002
Highlands Agricultural College	PG.003
Immanuel Lutheran Hospital	PG.004
National APO Training School, c/o Division of Health	PG.005
South Pacific Appropriate Technology Foundation (SPATF), Office of Village Development	PG.006
Vudal Agricultural College, Department of Primary Industry	PG.007
Liklik Buk Information Centre, Approppiate Technology Development Institute (ATDI) University of Technology	PG.008
Barangay Water Programme, Ministry of Local Government	PH.001
Bureau of Health Services, Ministry of Health, Division of Environmental Sanitation	PH.002
Institute for Small-Scale Industries (ISSI), University of the Philippines	PH.003
Laguna Lake Development Authority, Environmental Protection Division	PH.004

Local Water Utilities Administration, Public Affairs Office	PH.005
Metropolitan Waterworks and Sewerage Systems, Public Information Office	PH.006
National Hydraulic Research Centre, U.P. College of Engineering	PH.007
Water Information Centre of the Philippines, National Resources Council	PH.008
National Institute of Science and Technology (NIST), Division of Information and Documentation, University of the Philippines	PH.009
Well Drillers Association of the Philippines	PH.010
Institute of Public Health Engineering and Research, University of Engineering and Technology	PK.001
Pakistan Academy for Rural Development	PK.002
Pakistan Scientific and Technological Information Centre, Pakistan Science Foundation	PK.003
Biblioteka Glowna i Osrodek Informacji Naukowo Technicznej, Politechniki Wroclawskiej (Central library and scientific information centre)	PL.001
Centre of Scientific, Technical and Economic Information (CSTEI), Institute of Meteorology and Water Management	PL.002
National State Institute of Hygiene	PL.003
Centro de Informacion Technica de Puerto Rico, Universidad de Puerto Rico	PR.001
Faculty of Earth Sciences, King Abdulaziz University, Hydrology Department	SA.001
National Administration for Water Corporation	SD.001
Mofinko Development Association (MDA)	SL.001
Peace Corps	SL.002
Nixon Memorial Methodist Hospital	SL.003
Faculty of Engineering, University of Sierra Leone	SL.004
Scientific Research Institute of General and Communal Hygiene, Academy of Medical Sciences of USSR	SU.001
Administracion Nacional de Acueductos y Alcantarillados (ANDA)	SV.001

Department of Non-Formal and Adult Education, Ministry of Education	SZ.001
Forage Villageois pour l'Eau Potable	TG.001
Division de l'Hydraulique Urbaine et Rurale, Direction de l'Hydraulique et de l'Energie	TG.002
Institute of Nutrition, Mahidol University	TH.001
Thailand Institute of Scientific and Technological Research, Thai National Documentation Centre	TH.002
Trintoplan Consultants Ltd.	TT.001
National Documentation Centre, Tanzania Library Service	TZ.001
Department of Civil Engineering, University of Dar es Salaam	TZ.002
Rwegarurila Water Resources Institute, Ministry of Water and Energy, Ubungo	TZ.003
American Society of Civil Engineers	US.001
Engineering Index Inc. (EI)	US.002
National Referral Centre, U.S. Library of Congress	US.003
National Technical Information Service (NTIS), US Department of Commerce	US.004
Department of Civil Engineering, University of Maryland International Rural Water Resources Development Laboratory	US.005
Division de Higiene Ambiental, Ministerio de Salud Publica	UY.001
Fundacion la Salle de Ciencias Naturales (FLASA)	VE.001
Kristian Institute Technology of Weasisi, Presbyterian Church of Vanuatu	VU.001
Institute for Development of Water Resources, Jaroslav Cerni	YU.001
Environmental and Development Agency	ZA.001
South African Water Information Centre	ZA.002
Department of Water Affairs	ZM.001
Technology Development and Advisory Unit, University of Zambia	ZM.002
Bureau d'Etudes et de Recherches pour la Promotion de la Santé	ZR.001
Institut Supérieur de Développement Rural (ISDR)	ZR.002
Blair Research Laboratory, Ministry of Health	ZW.001
St. Theresa's Mission Hospital	ZW.002

REGIONAL INSTITUTIONS

AFRICA

Comité Inter-africain d'Etudes Hydrauliques (CIEH)	XA.001
United Nations Economic Commission for Africa (ECA)	XA.002
Institut Africain pour le Développement Economique et Social, INADES Documentation	XA.003
Pan African Institute for Development (PAID)	XA.004
African Medical and Research Foundation	XA.005
UNESCO, Division of Water Sciences	XA.006
Ardhi Institute, Centre for Housing Studies	XA.007

EUROPE

World Health Organization Regional Office for Europe (WHO EURO), Health Documentation Services	XE.001
Conservation of Clean Air and Water in Europe (CONCAWE)	XE.002

LATIN AMERICA AND THE CARIBBEAN

Caribbean Meteorological Organization, Caribbean Operational Hydrology Institute Project	XL.001
Technology and Energy Unit, Caribbean Development Bank	XL.002
Centro Interamericano de Desarrollo Integral de Aguas y Tierras (CIDIAT), Ministry of Environment and Natural Renewable Resources	XL.003
Pan American Centre for Human Ecology and Health (ECO), Pan American Health Organization (PAHO)	XL.004
Centro Mesoamericano de Estudio Sobre Tecnologia Apropriada (CEMAT)	XL.005
Centro Panamericano de Ingenieria Sanitaria y Ciencias del Ambiente (CEPIS), World Health Organization, Panamerican Sanitary Bureau	XL.006
Agua del Pueblo	XL.007
Instituto de Nutricion de Centro America y Panama (INCAP)	XL.008
Centro de Estudios y Experimentacion de Obras Publicas	XL.009
Cooperacion Tecnica del Gobierno Suizo (COTESU), Departamento Federal de Relaciones Exteriores	XL.010

ASIA AND THE PACIFIC

World Health Organization Regional Office for South-East Asia (WHO SEARO)	XP.001
Food and Agricultural Organization, Regional Office for Asia and the Pacific (FAO/RAPA)	XP.002
Economic and Social Commission for Asia and the Pacific (ESCAP)	XP.003
World Health Organization Regional Office for the Western Pacific (WHO WPRO)	XP.004
Asian Institute for Technology (AIT), Environmental Sanitation Information Centre (ENSIC)	XP.005
World Health Organization Western Pacific Regional Centre for Promotion of Environmental Planning (WHO PEPAS)	XP.006

MIDDLE EAST

World Health Organization Eastern Mediterranean Regional Office (WHO EMRO)	XW.001
American University of Beirut, Department of Environmental Health, Faculty of Health Sciences	XW.002
Arab Centre for Studies of Arid Zones and Dry Lands (ACSAD), The Arab League	XW.003

INTERNATIONAL INSTITUTIONS

United Nations Water Resources Branch, Division of National Resources and Energy, Department of Technical Cooperation for Development	XZ.001
United Nations Development Programme (UNDP), Division of Information	XZ.002
United Nations Food and Agriculture Organization (FAO)	XZ.003
International Referral System for Sources of Environmental Information (INFOTERRA), United Nations Environment Programme (UNEP)	XZ.004
United Nations Children's Fund (UNICEF)	XZ.005
World Health Organization, Division of Environmental Health	XZ.006
International Reference Centre for Community Water Supply and Sanitation (IRC)	XZ.007
International Reference Centre for Waste Disposal (IRCWD), Swiss Federal Institute for Water Resources and Water Pollution Control	XZ.008
International Training Centre for Water Resources Management (CEFIGRE)	XZ.009
Water Research Centre (WRC)	XZ.010
International Centre for Diarrhoeal Disease Research	XZ.011
International Institute of Rural Reconstruction	XZ.012
International Development Research Centre (IDRC)	XZ.013
International Irrigation Information Centre (IIIC)	XZ.014
Development Information Centre, Agency for International Development	XZ.015
Socially Appropriate Technology International Information Services (SATIS)	XZ.016
Volunteers in Technical Assistance (VITA)	XZ.017
TOOL (Technical Development Developing Countries)	XZ.018
OXFAM	XZ.019
Water and Waste Engineering for Developing Countries (WEDC), Loughborough University of Technology, Department of Civil Engineering	XZ.020
London School of Hygiene and Tropical Medicine, Department of Tropical Hygiene	XZ.021
Curso Internacional de Hidrologia Subterranea	XZ.022
HELVETAS (Swiss Association for Technical Assistance/SATA)	XZ.023
Water and Sanitation for Health (WASH) Project	XZ.024
Asian Institute of Technology (AIT), Environmental Sanitation Information Centre (ENSIC)	XZ.025
Peace Corps, Office of Information Collection and Exchange (ICE)	XZ.026
London School of Hygiene and Tropical Medicine, Bureau of Hygiene and Tropical Diseases	XZ.027
Groupe de Recherches et d'Echanges Technologiques (GRET)	XZ.028
Appropriate Health Resources and Technologies Action Group (AHRTAG)	XZ.029
Organization of Economic Cooperation and Development (OECD)	XZ.030

COUNTRY INDEX

ARGENTINA

DIRECCION NACIONAL DE SANEAMIENTO AMBIENTAL AR.002
INSTITUTO NACIONAL DE CIENCIA Y TECNICAS HIDRICAS AR.001

BAHRAIN, STATE OF

MINISTRY OF EDUCATION BH.001

BANGLADESH

BANGLADESH ACADEMY FOR RURAL DEVELOPMENT BD.003
BANGLADESH NATIONAL SCIENTIFIC AND TECHNICAL DOCUMENTATION
CENTER (BANSDOC) BD.001
BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY BD.002
INTERNATIONAL CENTRE FOR DIARRHOEAL DISEASE RESEARCH XZ.011

BARBADOS, WEST INDIES

CARIBBEAN DEVELOPMENT BANK XL.002
CARIBBEAN METEOROLOGICAL ORGANIZATION XL.001
MINISTRY OF TRANSPORT AND WORKS BB.001

BELGIUM

APPROPRIATE TECHNOLOGY FOR DEVELOPING COUNTRIES (ATOL) BE.001

BENIN

CENTRE NATIONAL D'AGRO-PEDOLOGIE BJ.002
DIRECTION DE LA RECHERCHE SCIENTIFIQUE ET TECHNIQUE BJ.001

BOLIVIA

CENTRO NACIONAL DE DOCUMENTACION CIENTIFICA Y TECNOLOGICA
(CNDCT) BO.003
CENTRO PARA EL DESARROLLO SOCIAL Y ECONOMICO (DESEC) BO.002
DIRECCION NACIONAL DE SANEAMIENTO AMBIENTAL BO.001

BOTSWANA

BOTSWANA TECHNOLOGY CENTRE BW.001
RURAL INDUSTRIES INNOVATION CENTRE (RIIC) BW.002

BRAZIL

CIA. DE AGUA E ESGOTO DA PARAIBA (CAGEPA)	BR.001
CIA. DE AGUAS E ESGOTOS DO RIO GRANDE DO NORTE (CAERN)	BR.002
COMPANHIA CATARINENSE DE AGUAS E SANEAMENTO (CASAN)	BR.003
COMPANHIA DE SANEAMENTO BASICO DO ESTADO DE SAO PAULO (SABESP)	BR.006
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BURKINA FASO

COMITÉ INTER-AFRICAIN D'ETUDES HYDRAULIQUES (CIEH)	XA.001
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MINISTRY OF AGRICULTURE	CM.003
PAN AFRICAN INSTITUTE FOR DEVELOPMENT (PAID)	XA.004

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INTERNATIONAL DEVELOPMENT RESEARCH CENTRE (IDRC)	XZ.013
WATDOC ENVIRONMENT CANADA	CA.002

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CORPORACIÓN INDUSTRIAL PARA EL DESARROLLO REGIONAL DEL BIOBIO (CIDERE)	CL.003
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INSTITUTO COSTARRICENSE DE ACUEDUCTOS Y ALCANTARILLADOS CR.001

CYPRUS

MINISTRY OF AGRICULTURE AND NATURAL RESOURCES CY.001

DENMARK

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EURO) XE.001

ECUADOR

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NATIONAL INFORMATION AND DOCUMENTATION CENTRE (NIDOC) EG.001

EGYPT, ARAB REPUBLIC OF

WORLD HEALTH ORGANIZATION EASTERN MEDITERRANEAN REGIONAL
OFFICE (WHO EMRO) XW.001

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ORGANIZATION OF ECONOMIC COOPERATION AND DEVELOPMENT (OECD)	XZ.030
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TECHNICAL UNIVERSITY BERLIN	DE.001

GHANA

GHANA WATER AND SEWERAGE CORPORATION	GH.002
UNIVERSITY OF SCIENCE AND TECHNOLOGY	GH.001

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ALL INDIA INSTITUTE OF HYGIENE AND PUBLIC HEALTH	IN.006
CENTRAL PUBLIC HEALTH AND ENVIRONMENTAL ENGINEERING ORGANIZATION	IN.001
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR)	IN.002
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GANDHIGRAM RURAL INSTITUTE (DEEMED UNIVERSITY)	IN.004
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VICTORIA JUBILEE TECHNICAL INSTITUTE	IN.010
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TEHERAN REGIONAL WATER BOARD	IR.002

IRELAND

AN FORAS FORBARTHA	IE.001
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NATIONAL CENTRE FOR SCIENTIFIC AND TECHNOLOGICAL INFORMATION	IL.002
WATER WORKERS ASSOCIATION	IL.004

ITALY

UNITED NATIONS FOOD AND AGRICULTURE ORGANIZATION (FAO)	XZ.003
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IVORY COAST

INSTITUT AFRICAIN POUR LE DÉVELOPPEMENT ECONOMIQUE ET SOCIAL	XA.003
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JAMAICA

MINISTRY OF ENVIRONMENT, SCIENCE AND TECHNOLOGY	JM.002
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JORDAN

AMMAN WATER AND SEWERAGE AUTHORITY	JO.001
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AFRICAN MEDICAL AND RESEARCH FOUNDATION	XA.005
BUKURA INSTITUTE OF AGRICULTURE	KE.005
CONSTITUTIONAL AFFAIRS OFFICE	KE.004
FACULTY OF ENGINEERING, UNIVERSITY OF NAIROBI	KE.001
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MINISTRY OF WATER DEVELOPMENT	KE.006
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KIRIBATI, GILBERT ISLANDS (KINGSMILL GROUP)

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KUWAIT

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MADAGASCAR

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UNIVERSITY OF MALAWI	MW.002

MALAYSIA

MINISTRY OF HEALTH	MY.001
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OFFICE NATIONAL D'EAU POTABLE (ONEP) MA.001

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UNIDADE DE DIRECCAO DE ABASTECIMENTO DE AQUA E SANEAMENTO MZ.002

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MINISTERIO DE SALUD NI.001

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PUBLIC AUTHORITY FOR WATER RESOURCES OM.001

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PAKISTAN ACADEMY FOR RURAL DEVELOPMENT PK.002
PAKISTAN SCIENCE FOUNDATION PK.003
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PANAMA

MINISTERIO DE SALUD PA.001

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IMMANUEL LUTHERAN HOSPITAL	PG.004
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MINISTRY OF LOCAL GOVERNMENT	PH.001
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NATIONAL WATER RESOURCES COUNCIL	PH.008
U.P. COLLEGE OF ENGINEERING	PH.007
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WORLD HEALTH ORGANIZATION REGIONAL OFFICE FOR THE WESTERN PACIFIC (WHO WPRO)	XP.004

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SENEGAL

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 PEACE CORPS SL.002
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 SOCIEDAD GENERAL DE AGUAS DE BARCELONA, S.A. ES.001

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CENTRAL ENVIRONMENTAL AUTHORITY LK.006
 LANKA JATIKA SARVODAYA SHRAMADANA SANGAMAYO MOVEMENT LK.004
 MAHAWELI AUTHORITY OF SRI LANKA LK.003
 NATIONAL INSTITUTE OF HEALTH SCIENCES (NIHS) LK.002
 NATIONAL WATER SUPPLY AND DRAINAGE BOARD (NWS&DB) LK.005
 NATURAL RESOURCES, ENERGY AND SCIENCE AUTHORITY OF SRI LANKA LK.007
 SRI LANKA INSTITUTE OF SCIENTIFIC AND INDUSTRIAL RESEARCH LK.001

ST. LUCIA, WEST INDIES

ST. LUCIA CENTRAL WATER AUTHORITY LC.001

SUDAN

NATIONAL ADMINISTRATION FOR WATER CORPORATION SD.001

SWAZILAND

MINISTRY OF EDUCATION SZ.001

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NATIONAL DOCUMENTATION CENTRE	TZ.001
RWEGARURILA WATER RESOURCES INSTITUTE	TZ.003
UNIVERSITY OF DAR ES SALAAM	TZ.002

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ASIAN INSTITUTE OF TECHNOLOGY (AIT)	XZ.025
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FOOD AND AGRICULTURAL ORGANIZATION (FAO)	XP.002
INSTITUTE OF NUTRITION	TH.001
THAILAND INSTITUTE OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH	TH.002

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DIVISION DE L'HYDRAULIQUE URBAINE ET RURALE	TG.002
FORAGE VILLAGEOIS POUR L'EAU POTABLE	TG.001

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WATER RESEARCH CENTRE (WRC)	XZ.010
WATER RESEARCH CENTRE (WRC)	GB.004

UNITED STATES OF AMERICA

AGENCY FOR INTERNATIONAL DEVELOPMENT (AID)	XZ.015
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NATIONAL REFERRAL CENTRE	US.003
PEACE CORPS	XZ.026
UNITED NATIONS CHILDREN'S FUND (UNICEF)	XZ.005
UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP)	XZ.002
UNITED NATIONS WATER RESOURCES BRANCH, DIVISION OF NATIONAL RESOURCES AND ENERGY	XZ.001
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YUGOSLAVIA

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S U B J E C T H E A D I N G S

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ML.001 / MW.001 / MX.001 / MY.001 / MZ.001 / NE.001 / OM.001 /
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CR.001 / CY.001 / DE.002 / EC.003 / EC.004 / ES.001 / ES.002 /
ES.004 / FR.001 / FR.002 / GB.003 / GH.001 / GH.002 / ID.001 /
ID.004 / ID.005 / ID.006 / ID.007 / ID.008 / IE.002 / IL.004 /
IN.001 / IN.002 / IN.003 / IN.004 / IN.008 / IN.010 / IR.002 /
JM.001 / JM.002 / JO.001 / KE.001 / KE.002 / KE.003 / KE.005 /
KE.007 / KI.001 / KW.001 / LK.002 / LK.005 / LK.006 / MG.001 /
ML.001 / MW.001 / MW.002 / MY.001 / MZ.001 / NE.001 / NI.001 /
NP.001 / PA.001 / PE.001 / PE.003 / PE.005 / PG.002 / PG.003 /
PG.004 / PG.005 / PG.006 / PG.008 / PH.001 / PH.002 / PH.004 /
PH.005 / PH.006 / PH.008 / PH.010 / PK.001 / PK.003 / SA.001 /
SD.001 / SL.001 / SL.002 / SL.003 / SL.004 / SV.001 / SZ.001 /
TG.001 / TG.002 / TH.001 / TH.002 / TT.001 / TZ.001 / TZ.002 /
TZ.003 / US.001 / US.005 / VU.001 / XA.001 / XA.005 / XA.006 /
XA.007 / XE.001 / XL.001 / XL.002 / XL.003 / XL.006 / XL.009 /
XL.010 / XP.001 / XP.002 / XP.003 / XP.004 / XP.005 / XP.006 /
XW.002 / XZ.001 / XZ.004 / XZ.005 / XZ.007 / XZ.008 / XZ.010 /
XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.021 / XZ.022 /
XZ.023 / XZ.024 / XZ.025 / XZ.026 / YU.001 / ZA.001 / ZM.002 /
ZW.001 /

WELLS

BB.001 / BD.002 / BO.001 / BR.001 / BR.005 / BR.006 / BR.010 /
BR.013 / BW.001 / CA.001 / CL.001 / CM.002 / CM.003 / CY.001 /
DE.001 / DE.002 / ES.002 / ES.004 / FR.001 / FR.002 / GB.003 /
GH.001 / ID.001 / ID.005 / ID.008 / IE.002 / IL.004 / IN.002 /
IN.003 / IN.008 / IR.002 / JO.001 / KE.007 / KI.001 / KW.001 /
LK.002 / LK.005 / LK.006 / MG.001 / ML.001 / MW.001 / MY.001 /
MZ.001 / NE.001 / NI.001 / PE.005 / PG.002 / PG.004 / PG.005 /
PG.008 / PH.001 / PH.005 / PH.006 / PH.010 / PK.003 / SL.001 /
SL.002 / SL.003 / SL.004 / SV.001 / SZ.001 / TG.001 / TG.002 /
TH.001 / TH.002 / TZ.001 / TZ.002 / US.001 / US.005 / VU.001 /
XA.001 / XA.006 / XE.001 / XL.001 / XL.006 / XL.009 / XL.010 /
XP.003 / XW.002 / XZ.001 / XZ.004 / XZ.005 / XZ.007 / XZ.010 /
XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.022 / XZ.023 /
XZ.024 / XZ.026 / YU.001 / ZA.001 / ZA.002 /
ZW.001 /

INFILTRATION GALLERIES

BR.005 / BR.010 / BR.013 / CY.001 / DE.002 / ES.002 / ES.004 /
FR.002 / ID.001 / ID.007 / IE.002 / IL.004 / IN.002 / IN.008 /
KI.001 / LK.002 / LK.005 / LK.006 / MG.001 / MY.001 / NE.001 /
PE.003 / PE.005 / PK.003 / TZ.002 / US.001 / XA.001 / XA.006 /
XE.001 / XL.006 / XL.009 / XW.002 / XZ.001 / XZ.004 / XZ.005 /
XZ.017 / XZ.019 / XZ.020 / XZ.022 / XZ.024 / YU.001 / ZA.002 /

DAMS

BH.001 / BR.003 / BR.005 / BR.006 / BR.009 / BR.010 / BR.013 /
BW.001 / CM.002 / CY.001 / ES.002 / ES.004 / FR.001 / FR.002 /
GH.002 / ID.005 / ID.008 / IN.002 / IN.008 / IR.002 / KE.005 /
LK.002 / LK.005 / LK.006 / ML.001 / MY.001 / MZ.001 / NE.001 /
PE.005 / PH.006 / PK.003 / PL.002 / SD.001 / SV.001 / SZ.001 /
TG.002 / TH.002 / TT.001 / TZ.002 / US.001 / XA.001 / XA.006 /
XE.001 / XL.001 / XL.003 / XL.006 / XL.009 / XL.010 / XP.002 /
XP.003 / XZ.001 / XZ.004 / XZ.005 / XZ.016 / XZ.017 / XZ.019 /
XZ.020 / XZ.026 / YU.001 / ZA.002 /

RAINWATER COLLECTION

BO.001 / BR.005 / BW.001 / CA.001 / CM.001 / CY.001 / ES.002 /
ES.004 / FR.001 / GB.003 / ID.001 / ID.005 / ID.006 / IE.002 /
IL.004 / IN.001 / IN.008 / IR.002 / KE.001 / KE.002 / KE.007 /
KI.001 / LK.002 / LK.005 / LK.006 / MG.001 / MY.001 / NE.001 /
PG.002 / PG.004 / PG.007 / PG.008 / PK.003 / PL.002 / SL.004 /
SZ.001 / TH.002 / TZ.002 / US.001 / XA.001 / XA.006 / XE.001 /
XL.001 / XL.006 / XL.009 / XL.010 / XP.002 / XZ.001 / XZ.004 /
XZ.005 / XZ.007 / XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 /
XZ.024 / ZA.002 /

WATER QUALITY

AR.001 / AR.002 / BH.001 / BJ.002 / BO.002 / BR.001 / BR.002 /
BR.003 / BR.012 / CL.004 / CL.005 / CL.008 / CR.001 / EC.001 /
EC.004 / ES.004 / FR.001 / GA.001 / GB.004 / ID.003 / IE.001 /
IL.001 / IL.003 / IN.003 / IN.005 / IN.006 / IN.009 / JM.001 /
KE.005 / LK.001 / NI.001 / PG.005 / PH.007 / PH.008 / PH.009 /
PL.003 / SA.001 / SD.001 / SZ.001 / TH.001 / TZ.003 / US.004 /
UY.001 / VE.001 / XZ.029 / XL.004 / XL.005 / XP.003 / XP.004 /
XP.005 / XZ.015 / XZ.025 / XZ.026 / XZ.027 / ZW.001 /

BIOLOGICAL WATER QUALITY

AR.001 / BB.001 / BD.002 / BD.002 / BO.001 / BR.005 / BR.006 /
BR.009 / BR.010 / BR.011 / BR.013 / BW.001 / CA.002 / CL.007 /
CM.003 / CO.002 / CO.003 / CY.001 / DE.002 / ES.001 / ES.002 /
ES.004 / FR.001 / FR.002 / GH.002 / GT.001 / ID.002 / ID.004 /
ID.005 / ID.007 / ID.008 / IE.002 / IL.004 / IN.001 / IN.002 /
IN.007 / IN.008 / IN.010 / JM.002 / KE.007 / KI.001 / KW.001 /
LC.001 / LK.002 / LK.005 / LK.006 / MA.001 / MG.001 / MW.001 /
MW.002 / MY.001 / PE.001 / PE.003 / PG.002 / PG.007 / PG.008 /
PH.001 / PH.002 / PH.004 / PH.005 / PH.006 / PH.010 / PK.001 /
PK.003 / PL.002 / SL.002 / SL.004 / SU.001 / SV.001 / TH.002 /
TT.001 / TZ.001 / TZ.002 / US.001 / XA.001 / XA.002 / XE.001 /
XL.001 / XL.003 / XL.006 / XL.008 / XL.009 / XP.006 / XW.002 /
XZ.004 / XZ.005 / XZ.007 / XZ.008 / XZ.010 / XZ.016 / XZ.017 /
XZ.020 / XZ.024 / YU.001 / ZA.002 /

PHYSICAL WATER QUALITY

AR.001 / BB.001 / BD.002 / BO.001 / BR.005 / BR.006 / BR.009 /
BR.010 / BR.011 / BR.013 / BW.001 / CA.001 / CA.002 / CL.007 /
CM.001 / CM.003 / CO.002 / CO.003 / CY.001 / DE.001 / DE.002 /
ES.001 / ES.002 / ES.004 / FR.001 / FR.002 / GH.002 / ID.002 /
ID.008 / IE.002 / IL.004 / IN.001 / IN.002 / IN.007 / IN.008 /
IN.010 / JM.002 / KE.007 / KI.001 / KW.001 / LC.001 / LK.002 /
LK.005 / LK.006 / MA.001 / MG.001 / ML.001 / MW.001 / MY.001 /
NE.001 / PE.001 / PE.003 / PE.005 / PG.002 / PG.008 / PH.001 /
PH.002 / PH.004 / PH.005 / PH.006 / PH.010 / PK.001 / PK.003 /
PL.002 / SL.001 / SL.004 / SU.001 / SV.001 / TH.002 / TT.001 /
TZ.001 / TZ.002 / US.001 / XA.001 / XA.002 / XA.006 / XE.001 /
XL.001 / XL.003 / XL.006 / XL.008 / XL.009 / XP.002 / XP.006 /
XW.002 / XW.003 / XZ.001 / XZ.004 / XZ.005 / XZ.007 / XZ.008 /
XZ.010 / XZ.012 / XZ.017 / XZ.020 / XZ.023 / XZ.024 / YU.001 /
ZA.002 /

CHEMICAL WATER QUALITY

AR.001 / BB.001 / BD.002 / BD.002 / BO.001 / BO.001 / BR.005 /
BR.006 / BR.009 / BR.010 / BR.011 / BR.013 / BR.001 / CA.001 /
CA.002 / CL.007 / CM.001 / CM.003 / CO.002 / CO.003 / CY.001 /
DE.002 / ES.001 / ES.002 / ES.004 / FR.001 / FR.002 / GB.004 /
GH.002 / ID.002 / ID.007 / ID.008 / IE.002 / IL.004 / IN.001 /
IN.002 / IN.007 / IN.008 / IN.010 / IR.002 / JM.002 / KE.007 /
KI.001 / KW.001 / LK.002 / LK.005 / LK.006 / MA.001 / MG.001 /
ML.001 / MW.001 / MY.001 / NE.001 / PE.001 / PE.003 / PE.005 /
PG.002 / PG.007 / PG.008 / PH.001 / PH.002 / PH.004 / PH.005 /
PH.006 / PH.010 / PK.001 / PK.003 / PL.002 / SL.004 / SU.001 /
SV.001 / TH.002 / TZ.001 / TZ.002 / US.001 / XA.001 / XA.002 /
XE.001 / XL.001 / XL.003 / XL.006 / XL.008 / XL.009 / XP.002 /
XP.006 / XW.002 / XW.003 / XZ.001 / XZ.004 / XZ.005 / XZ.007 /
XZ.008 / XZ.010 / XZ.017 / XZ.020 / XZ.022 / XZ.024 / YU.001 /
ZA.002 /

ANALYSIS

AR.001 / BD.002 / BJ.002 / BR.005 / BR.006 / BR.010 / BR.011 /
BR.012 / BR.013 / BW.001 / CA.002 / CM.001 / CM.003 / CO.002 /
CO.003 / CY.001 / DE.002 / ES.001 / ES.002 / ES.004 / FR.001 /
FR.002 / GB.004 / GT.001 / ID.002 / ID.003 / IE.002 / IL.004 /
IN.002 / IN.003 / IN.007 / IN.008 / IN.010 / IR.002 / JM.002 /
KE.007 / KI.001 / KW.001 / LK.002 / LK.005 / LK.006 / MA.001 /
MG.001 / ML.001 / MY.001 / NE.001 / NI.001 / PE.003 / PE.005 /
PG.002 / PH.001 / PH.002 / PH.004 / PH.006 / PH.010 / PK.001 /
PK.003 / PL.002 / PL.003 / SU.001 / SV.001 / SZ.001 / TH.001 /
TH.002 / TZ.002 / US.001 / UY.001 / XA.001 / XA.006 / XE.001 /
XL.001 / XL.006 / XL.009 / XP.006 / XW.002 / XW.003 / XZ.004 /
XZ.008 / XZ.010 / XZ.017 / XZ.020 / XZ.026 / YU.001 / ZA.002 /

CONTROL

AR.001 / AR.002 / BD.002 / BO.001 / BR.001 / BR.005 / BR.006 /
BR.010 / BR.012 / BR.013 / BW.001 / CA.002 / CL.005 / CO.003 /
CY.001 / ES.001 / ES.002 / ES.004 / FR.001 / FR.002 / GA.001 /
ID.002 / ID.007 / ID.008 / IE.002 / IL.004 / IN.002 / IN.006 /
IN.008 / IN.010 / IR.002 / JM.001 / KE.007 / KI.001 / KW.001 /
LK.001 / LK.002 / LK.005 / LK.006 / MA.001 / MA.001 / MG.001 /
MY.001 / NE.001 / NI.001 / PE.003 / PE.005 / PG.002 / PG.005 /
PG.007 / PH.001 / PH.002 / PH.004 / PH.006 / PH.010 / PK.003 /
PL.002 / PL.003 / SL.002 / SZ.001 / TH.002 / TZ.001 / TZ.002 /
US.001 / UY.001 / XA.001 / XA.006 / XE.001 / XZ.029 / XL.003 /
XL.006 / XL.009 / XP.006 / XW.002 / XZ.001 / XZ.004 / XZ.008 /
XZ.010 / XZ.017 / XZ.023 / YU.001 / ZA.002 /

STANDARDS

AR.001 / BD.002 / BH.001 / BR.001 / BR.005 / BR.010 / BR.012 /
BR.013 / BW.001 / CA.002 / CL.005 / CM.003 / CY.001 / DE.001 /
DE.002 / ES.002 / ES.004 / GA.001 / GB.004 / ID.002 / IE.002 /
IL.004 / IN.001 / IN.002 / IN.003 / IN.005 / IN.006 / IN.008 /
IR.002 / KE.007 / KI.001 / KW.001 / LC.001 / LK.002 / LK.005 /
LK.006 / MA.001 / MG.001 / MY.001 / NE.001 / PE.005 / PH.001 /
PH.002 / PH.004 / PH.010 / PK.003 / PL.002 / PL.003 / SD.001 /
SU.001 / SV.001 / SZ.001 / TH.002 / TZ.001 / TZ.002 / US.001 /
UY.001 / XA.001 / XE.001 / XL.003 / XL.006 / XL.009 / XW.002 /
XZ.004 / XZ.008 / XZ.010 / XZ.017 / XZ.021 / XZ.024 / YU.001 /
ZA.002 /

WATER DISTRIBUTION

AR.001 / BB.001 / BD.003 / BH.001 / BO.001 / BO.002 / BR.001 /
BR.002 / BR.003 / BR.005 / BR.006 / BR.010 / BR.012 / BR.013 /
BW.001 / BW.002 / CL.003 / CL.004 / CL.007 / CL.008 / CM.002 /
CM.003 / CR.001 / CY.001 / DE.001 / DE.002 / EC.001 / EC.004 /
ES.001 / FR.001 / FR.002 / GB.003 / GH.001 / GH.002 / ID.001 /
ID.003 / ID.004 / ID.005 / ID.006 / ID.007 / IE.002 / IL.003 /
IL.004 / IN.001 / IN.002 / IN.003 / IN.004 / IN.005 / IN.006 /
IN.007 / IN.008 / IN.009 / IN.010 / IR.002 / JO.001 / JO.002 /
KE.001 / KE.002 / KE.003 / KE.005 / KI.001 / KW.001 / LC.001 /
LK.002 / LK.005 / LK.006 / MA.001 / MG.001 / ML.001 / MW.001 /
MW.002 / MY.001 / NE.001 / NP.001 / PE.001 / PE.002 / PE.003 /
PE.005 / PG.002 / PG.004 / PG.005 / PG.006 / PG.007 / PG.008 /
PH.001 / PH.002 / PH.003 / PH.004 / PH.005 / PH.006 / PH.008 /
PH.009 / PH.010 / PK.001 / PK.003 / PL.001 / SD.001 / SL.001 /
SL.002 / SL.003 / SV.001 / SZ.001 / TG.001 / TG.002 / TH.001 /
TH.002 / TT.001 / TZ.001 / TZ.002 / TZ.003 / US.001 / US.005 /
VU.001 / XA.001 / XA.005 / XA.006 / XA.007 / XE.001 / XL.001 /
XL.002 / XL.003 / XL.005 / XL.006 / XL.007 / XL.008 / XL.010 /
XP.001 / XP.002 / XP.003 / XP.004 / XP.005 / XP.006 / XW.002 /
XZ.001 / XZ.004 / XZ.005 / XZ.007 / XZ.008 / XZ.009 / XZ.010 /
XZ.012 / XZ.016 / XZ.017 / XZ.018 / XZ.019 / XZ.020 / XZ.021 /
XZ.023 / XZ.024 / XZ.025 / XZ.026 / XZ.027 / ZA.001 / ZM.002 /
ZW.001 /

PUBLIC STANDPOSTS

BO.001 / BR.005 / BR.010 / BR.013 / BW.001 / CM.003 / CY.001 /
GH.002 / ID.001 / ID.005 / ID.006 / IE.002 / IN.002 / IN.008 /
KI.001 / KW.001 / LC.001 / LK.002 / LK.005 / LK.006 / MA.001 /
MA.001 / MG.001 / MW.001 / PE.001 / PE.003 / PG.002 / PG.008 /
PH.001 / PK.003 / SZ.001 / TZ.002 / US.001 / US.005 / XA.001 /
XE.001 / XL.006 / XZ.004 / XZ.005 / XZ.007 / XZ.016 / XZ.017 /
XZ.018 / XZ.019 / XZ.020 / XZ.021 / XZ.023 / XZ.024 / ZA.002 /

HOUSE CONNECTIONS

BB.001 / BO.001 / BR.005 / BR.006 / BR.010 / BR.013 / BW.001 /
CY.001 / FR.002 / GH.002 / ID.001 / ID.005 / IN.008 / IR.002 /
KI.001 / KW.001 / LC.001 / LK.002 / LK.005 / LK.006 / MA.001 /
MG.001 / MW.001 / MY.001 / PE.001 / PE.003 / PE.005 / PG.002 /
PH.001 / PH.005 / PH.010 / PK.003 / SV.001 / US.001 / US.005 /
XE.001 / XL.006 / XZ.004 / XZ.012 / XZ.017 / XZ.020 / XZ.021 /
XZ.024 / ZA.002 /

PIPES

BB.001 / BO.001 / BR.003 / BR.005 / BR.006 / BR.010 / BR.013 /
BW.001 / CL.004 / CM.002 / CY.001 / FR.001 / FR.002 / GH.002 /
ID.001 / ID.005 / ID.006 / IE.002 / IL.004 / IN.002 / IN.008 /
IR.002 / KE.003 / KE.005 / KI.001 / KW.001 / LC.001 / LK.002 /
LK.005 / LK.006 / MA.001 / MG.001 / MY.001 / NE.001 / NP.001 /
PE.003 / PE.005 / PG.002 / PG.007 / PG.008 / PH.001 / PH.005 /
PH.010 / PK.003 / SL.001 / SV.001 / TH.002 / TT.001 / TZ.002 /
TZ.003 / US.001 / VU.001 / XL.006 / XP.002 / XZ.004 / XZ.005 /
XZ.010 / XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.023 /
XZ.024 / XZ.026 / ZA.002 /

SPECIALS

BH.001 / BO.001 / BR.005 / BR.006 / BR.010 / BR.012 / BR.013 /
BW.001 / CM.002 / CY.001 / FR.001 / FR.002 / GH.002 / ID.006 /
IE.002 / IL.004 / IN.004 / IN.008 / IR.002 / KW.001 / LC.001 /
LK.002 / LK.005 / LK.006 / MA.001 / MG.001 / NE.001 / PE.003 /
PE.005 / PG.002 / PG.005 / PH.001 / PH.005 / PH.010 / PK.003 /
SV.001 / TH.002 / TT.001 / TZ.002 / TZ.003 / US.001 / US.005 /
XL.006 / XP.002 / XZ.004 / XZ.005 / XZ.010 / XZ.017 / XZ.018 /
XZ.020 / XZ.023 / XZ.024 / ZA.002 /

PUMPS

BO.001 / BR.003 / BR.005 / BR.006 / BR.010 / BR.012 / BR.013 /
BW.001 / CL.003 / CM.002 / CY.001 / DE.001 / FR.001 / FR.002 /
GH.001 / GH.002 / ID.001 / ID.005 / ID.006 / ID.007 / ID.008 /
IE.002 / IN.002 / IN.003 / IN.004 / IN.008 / IR.002 / KI.001 /
KW.001 / LC.001 / LK.002 / LK.005 / LK.006 / MA.001 / MA.001 /
MG.001 / ML.001 / MW.001 / NE.001 / PE.003 / PE.005 / PG.002 /
PG.007 / PG.008 / PH.001 / PH.003 / PH.005 / PH.010 / PK.003 /
SL.002 / TG.002 / TH.001 / TH.002 / TT.001 / TZ.002 / TZ.003 /
US.005 / XA.001 / XL.003 / XL.006 / XL.010 / XP.002 / XZ.001 /
XZ.005 / XZ.007 / XZ.010 / XZ.012 / XZ.016 / XZ.017 / XZ.018 /
XZ.019 / XZ.020 / XZ.023 / XZ.024 / XZ.026 / ZA.001 / ZA.002 /
ZW.001 /

NETWORKS

BR.001 / BR.003 / BR.005 / BR.006 / BR.010 / BR.012 / BR.013 /
CM.002 / CM.003 / CR.001 / CY.001 / FR.001 / FR.002 / GH.002 /
IE.002 / IN.002 / IN.003 / IN.008 / IR.002 / KI.001 / KW.001 /
LC.001 / LK.002 / LK.005 / LK.006 / MA.001 / MG.001 / MW.001 /
PE.005 / PG.002 / PG.005 / PG.008 / PH.001 / PH.005 / PH.010 /
PK.003 / VU.001 / TT.001 / TZ.002 / US.001 / XA.001 / XE.001 /
XL.006 / XZ.001 / XZ.010 / XZ.017 / XZ.019 / XZ.020 / XZ.024 /
ZA.002 /

LEAK DETECTION

BB.001 / BR.005 / BR.006 / BR.010 / BR.013 / CY.001 / FR.001 /
FR.002 / GH.002 / IE.002 / IN.002 / IN.003 / IN.008 / IR.002 /
KI.001 / KW.001 / LC.001 / LK.002 / LK.005 / LK.006 / MA.001 /
MG.001 / MW.001 / PE.005 / PG.002 / PH.001 / PH.005 / PH.010 /
PK.003 / XE.001 / XL.006 / XP.006 / XW.002 / XZ.010 / XZ.017 /
XZ.020 / ZA.002 / ZA.002 /

CORROSION CONTROL

BB.001 / BR.005 / BR.006 / BR.010 / BR.013 / CY.001 / FR.001 /
FR.002 / IE.002 / IN.002 / IN.008 / IR.002 / KI.001 / KW.001 /
LK.002 / LK.005 / LK.006 / MA.001 / MW.001 / PG.002 / PH.010 /
PK.003 / US.001 / XL.003 / XL.006 / XZ.010 / XZ.017 / XZ.020 /
ZA.002 /

WATER USE

AR.001 / BB.001 / BD.002 / BD.003 / BH.001 / BO.001 / BO.002 /
BR.001 / BR.003 / BR.005 / BR.006 / BR.010 / BR.011 / BR.012 /
BR.013 / BW.001 / CA.001 / CA.002 / CL.004 / CL.007 / CL.008 /
CM.003 / CO.003 / CR.001 / CY.001 / DE.001 / EC.001 / EC.004 /
ES.001 / ES.002 / ES.004 / FR.001 / FR.002 / GA.001 / GB.002 /
GH.002 / GT.001 / ID.001 / ID.003 / ID.004 / ID.006 / ID.007 /
ID.008 / IE.002 / IL.001 / IN.001 / IN.002 / IN.003 / IN.004 /
IN.005 / IN.007 / IN.008 / IN.009 / IN.010 / IR.002 / JM.002 /
JO.001 / KE.001 / KE.002 / KE.003 / KE.004 / KE.005 / KI.001 /
KW.001 / LC.001 / LK.001 / LK.002 / LK.005 / LK.006 / MA.001 /
MG.001 / ML.001 / MW.001 / MW.002 / MX.001 / MY.001 / PE.003 /
PE.004 / PE.005 / PG.001 / PG.002 / PG.005 / PG.008 / PH.001 /
PH.002 / PH.005 / PH.006 / PH.008 / PH.010 / PK.001 / PK.003 /
SA.001 / SD.001 / SL.001 / SL.002 / SL.003 / SL.004 / SU.001 /
SZ.001 / TG.002 / TH.001 / TH.002 / TT.001 / TZ.001 / TZ.002 /
TZ.003 / US.004 / VU.001 / XA.001 / XA.002 / XA.006 / XA.007 /
XE.001 / XL.001 / XL.002 / XL.003 / XL.006 / XL.008 / XL.009 /
XL.010 / XP.001 / XP.002 / XP.003 / XP.004 / XP.005 / XP.006 /
XW.002 / XZ.001 / XZ.004 / XZ.005 / XZ.008 / XZ.009 / XZ.010 /
XZ.012 / XZ.015 / XZ.016 / XZ.017 / XZ.020 / XZ.021 / XZ.022 /
XZ.023 / XZ.024 / XZ.025 / XZ.026 / YU.001 / ZA.001 / ZM.002 /
ZR.002 /

WATER DEMAND

BB.001 / BO.001 / BR.005 / BR.006 / BR.013 / BW.001 / CA.001 /
CA.002 / CM.003 / CO.003 / CY.001 / DE.001 / ES.002 / ES.004 /
FR.001 / FR.002 / GH.002 / ID.001 / ID.008 / IE.002 / IN.007 /
IN.008 / IR.002 / KE.003 / KI.001 / KW.001 / LC.001 / LK.002 /
LK.005 / LK.006 / MA.001 / MG.001 / ML.001 / MW.001 / MY.001 /
PE.003 / PE.005 / PG.002 / PG.008 / PH.001 / PH.005 / PH.010 /
PK.003 / SL.004 / SZ.001 / TG.002 / TH.002 / TT.001 / TZ.002 /
US.001 / XA.001 / XA.002 / XA.006 / XE.001 / XL.003 / XL.006 /
XL.009 / XP.002 / XW.002 / XZ.001 / XZ.004 / XZ.005 / XZ.010 /
XZ.012 / XZ.017 / XZ.020 / XZ.022 / XZ.023 / XZ.024 / XZ.026 /
YU.001 / ZA.002 /

WATER WASTAGE

BB.001 / BO.001 / BR.005 / BR.013 / BW.001 / CA.001 / CA.002 /
CY.001 / ES.002 / ES.004 / FR.001 / FR.002 / ID.008 / IE.002 /
IN.002 / IN.008 / IR.002 / KI.001 / KW.001 / LC.001 / LK.005 /
LK.006 / MA.001 / MY.001 / PE.005 / PG.002 / PH.005 / PH.010 /
PK.003 / TZ.002 / US.001 / XA.001 / XA.001 / XA.002 / XA.006 /
XE.001 / XL.006 / XL.009 / XP.002 / XW.002 / XZ.004 / XZ.005 /
XZ.010 / XZ.017 / XZ.020 / XZ.023 / XZ.024 / YU.001 / ZA.002 /

LEAKAGE

BB.001 / BR.005 / BR.006 / BR.013 / BW.001 / CY.001 / ES.002 /
ES.004 / FR.001 / FR.002 / GH.002 / ID.008 / ID.008 / IE.002 /
IN.002 / IN.008 / IR.002 / KI.001 / KW.001 / LC.001 / LK.002 /
LK.005 / LK.006 / MA.001 / PG.002 / PH.005 / PH.010 / PK.003 /
TZ.002 / XA.001 / XA.006 / XE.001 / XL.006 / XL.009 / XP.002 /
XP.006 / XW.002 / XZ.010 / XZ.017 / XZ.020 / XZ.024 / ZA.002 /
ZA.002 /

WATER CONSUMPTION

BB.001 / BR.005 / BR.011 / BR.013 / BW.001 / CA.001 / CA.002 /
CO.003 / CY.001 / ES.002 / ES.004 / FR.001 / FR.002 / ID.001 /
IE.002 / IN.002 / IN.008 / IR.002 / KE.002 / KI.001 / KW.001 /
LC.001 / LK.002 / LK.005 / LK.006 / MA.001 / MG.001 / ML.001 /
MW.001 / MY.001 / PE.004 / PE.005 / PG.002 / PH.001 / PH.005 /
PK.003 / SL.001 / SV.001 / TH.001 / TH.002 / TT.001 / TZ.002 /
US.001 / XA.001 / XA.002 / XA.006 / XE.001 / XL.006 / XL.009 /
XP.002 / XP.003 / XW.002 / XZ.004 / XZ.005 / XZ.010 / XZ.012 /
XZ.017 / XZ.020 / XZ.022 / XZ.023 / YU.001 / ZA.002 /

WATER SAVINGS

BB.001 / BR.005 / BR.013 / BW.001 / CY.001 / ES.002 / ES.004 /
FR.001 / FR.002 / GB.002 / ID.001 / ID.007 / ID.008 / IE.002 /
IL.004 / IN.002 / IN.008 / IR.002 / KI.001 / KW.001 / LC.001 /
LK.002 / LK.005 / LK.006 / MA.001 / ML.001 / MY.001 / PE.003 /
PE.005 / PG.002 / PH.001 / PH.005 / PK.003 / SL.002 / SV.001 /
SZ.001 / TH.001 / US.001 / XA.001 / XA.006 / XE.001 / XL.006 /
XL.009 / XP.002 / XP.006 / XW.002 / XZ.004 / XZ.010 / XZ.012 /
XZ.017 / XZ.020 / XZ.022 / XZ.023 / XZ.024 / ZA.002 /

WATER TREATMENT

AR.001 / BD.002 / BE.001 / BR.001 / BR.002 / BR.003 / BR.006 /
BR.007 / BR.011 / CL.007 / CL.008 / CR.001 / DE.001 / EC.004 /
ES.001 / ES.004 / FR.001 / GA.001 / GB.003 / GB.004 / GH.002 /
ID.007 / IL.003 / IN.001 / IN.003 / IN.004 / IN.006 / IN.009 /
IN.010 / JO.001 / JO.002 / KE.001 / KE.003 / KE.004 / KE.005 /
MW.001 / MW.001 / MW.002 / MX.001 / NL.001 / PE.001 / PG.003 /
PG.008 / PH.002 / PH.008 / PK.001 / SD.001 / SL.003 / TG.002 /
TZ.003 / US.004 / XA.006 / XA.007 / XZ.029 / XP.001 / XP.003 /
XP.004 / XP.005 / XZ.001 / XZ.007 / XZ.009 / XZ.015 / XZ.016 /
XZ.018 / XZ.020 / XZ.021 / XZ.025 / XZ.026 / XZ.027 / ZA.001 /
ZM.001 / ZM.002 / ZR.002 /

BIOLOGICAL WATER TREATMENT

BB.001 / BO.001 / BR.005 / BR.010 / BR.012 / BW.001 / CM.003 /
CY.001 / DE.002 / ES.002 / ES.004 / FR.001 / FR.002 / ID.002 /
IE.002 / IL.004 / IN.002 / IN.007 / IN.008 / IR.002 / KI.001 /
KW.001 / LC.001 / LK.002 / LK.005 / LK.006 / MG.001 / MG.001 /
MY.001 / PE.003 / PG.002 / PH.004 / PH.010 / PK.003 / SV.001 /
SZ.001 / TH.002 / TZ.001 / TZ.002 / US.001 / XE.001 / XL.003 /
XL.006 / XL.009 / XP.006 / XW.002 / XZ.004 / XZ.008 / XZ.010 /
XZ.017 / XZ.020 / XZ.021 / XZ.024 / ZA.002 / ZA.002 /

PHYSICAL WATER TREATMENT

BD.002 / BO.001 / BR.005 / BR.010 / BR.013 / BW.001 / CM.002 /
CM.003 / CY.001 / ES.002 / ES.004 / FR.001 / FR.002 / ID.001 /
ID.002 / ID.008 / IE.002 / IL.004 / IN.002 / IN.007 / IN.008 /
IR.002 / KI.001 / KW.001 / LC.001 / LK.002 / LK.005 / LK.006 /
MA.001 / MG.001 / MY.001 / PE.005 / PG.002 / PH.001 / PH.004 /
PH.005 / PH.006 / PH.010 / PK.003 / SL.004 / SV.001 / SZ.001 /
TH.001 / TH.002 / TT.001 / TZ.001 / TZ.002 / US.001 / XE.001 /
XL.003 / XL.006 / XL.009 / XP.006 / XW.002 / XZ.004 / XZ.005 /
XZ.008 / XZ.010 / XZ.017 / XZ.019 / XZ.020 / XZ.023 / XZ.024 /
YU.001 / ZA.002 /

CHEMICAL WATER TREATMENT

BD.002 / BD.002 / BO.001 / BR.005 / BR.010 / BR.013 / BW.001 /
CA.001 / CM.002 / CY.001 / ES.002 / ES.004 / FR.001 / FR.002 /
ID.002 / ID.008 / IE.002 / IL.004 / IN.002 / IN.007 / IN.008 /
IR.002 / KI.001 / KW.001 / LC.001 / LK.002 / LK.005 / LK.006 /
MA.001 / MG.001 / MY.001 / PE.003 / PE.005 / PG.002 / PG.007 /
PH.004 / PH.005 / PH.006 / PH.010 / PK.003 / SL.004 / SV.001 /
SZ.001 / TH.002 / TT.001 / TZ.001 / TZ.002 / US.001 / XE.001 /
XL.003 / XL.006 / XL.009 / XP.006 / XW.002 / XZ.004 / XZ.008 /
XZ.010 / XZ.012 / XZ.017 / XZ.020 / XZ.023 / XZ.024 / YU.001 /
ZA.002 /

PLANTS

BO.001 / BR.005 / BR.010 / BW.001 / CY.001 / DE.001 / ES.002 /
ES.004 / FR.001 / FR.002 / ID.002 / ID.008 / IE.002 / IN.002 /
IN.007 / IN.008 / IR.002 / KE.003 / KI.001 / KW.001 / LK.002 /
LK.005 / LK.006 / MA.001 / MG.001 / MY.001 / PE.003 / PE.005 /
PG.002 / PH.004 / PH.006 / PK.003 / SV.001 / TG.002 / TH.002 /
TT.001 / TZ.001 / TZ.002 / US.001 / XA.001 / XE.001 / XL.003 /
XL.006 / XL.009 / XP.006 / XZ.004 / XZ.008 / XZ.010 / XZ.017 /
XZ.020 / XZ.024 / XZ.026 / ZA.002 /

Sanitation

ONSITE COLLECTION AND TREATMENT

BB.001 / BD.002 / BH.001 / BO.001 / BR.002 / BR.003 / BR.005 /
BR.010 / BR.011 / BR.012 / BR.013 / BW.001 / CA.001 / CM.003 /
CO.001 / CR.001 / CY.001 / EC.001 / EC.003 / EC.004 / FR.001 /
FR.002 / GA.001 / GB.001 / GB.002 / GH.001 / GH.002 / GT.001 /
ID.004 / ID.005 / ID.007 / IE.002 / IL.003 / IN.001 / IN.002 /
IN.003 / IN.004 / IN.006 / IN.007 / IN.008 / IN.009 / IN.010 /
JO.001 / JO.002 / KE.002 / KE.003 / KE.004 / KE.005 / KE.007 /
KI.001 / LK.001 / LK.005 / LK.006 / MW.002 / MY.001 / MZ.001 /
MZ.002 / NI.001 / PA.001 / PE.001 / PE.003 / PE.005 / PG.002 /
PG.003 / PG.004 / PG.005 / PG.006 / PG.007 / PG.008 / PH.002 /
PH.004 / PH.006 / PH.008 / PH.010 / PK.001 / PK.003 / SL.001 /
SL.002 / SL.003 / SL.004 / SV.001 / TH.001 / TH.002 / TT.001 /
TZ.001 / TZ.002 / US.001 / VU.001 / XA.005 / XA.006 / XA.007 /
XE.001 / XL.003 / XL.006 / XL.008 / XP.001 / XP.003 / XP.004 /
XP.005 / XP.006 / XW.002 / XZ.004 / XZ.005 / XZ.007 / XZ.008 /
XZ.010 / XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.021 /
XZ.023 / XZ.024 / XZ.025 / XZ.026 / ZA.001 / ZA.002 / ZW.001 /

PIT LATRINES

BD.002 / BO.001 / BR.005 / BR.010 / BR.012 / BW.001 / CA.001 /
CM.003 / CY.001 / GH.001 / GH.002 / ID.005 / IE.002 / IN.002 /
IN.003 / IN.004 / IN.006 / IN.009 / KE.002 / KE.003 / KE.005 /
KE.007 / KI.001 / LK.002 / LK.006 / MW.002 / MY.001 / MZ.002 /
PA.001 / PK.003 / SL.001 / SL.002 / SL.004 / SV.001 / TZ.002 /
VU.001 / XA.007 / XE.001 / XL.006 / XP.005 / XP.006 / XW.002 /
XZ.005 / XZ.008 / XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 /
XZ.024 / XZ.026 / ZA.001 / ZA.002 / ZW.001 /

COMPOSTING TOILETS

BR.005 / BR.010 / BR.012 / BR.013 / BW.001 / CA.001 / CY.001 /
GB.002 / ID.005 / IE.002 / IN.002 / IN.003 / IN.006 / IN.007 /
IN.007 / IN.008 / KE.002 / KE.003 / LK.006 / MY.001 /
PE.005 / PK.003 / SL.004 / SV.001 / TH.001 / TH.002 / TZ.002 /
XA.007 / XL.006 / XP.004 / XP.005 / XP.006 / XW.002 / XZ.005 /
XZ.008 / XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.024 /
XZ.026 / ZA.002 /

SEPTIC TANKS AND AQUA PRIVIES

BO.001 / BR.005 / BR.010 / BR.011 / BR.012 / BW.001 / CA.001 /
CM.003 / CY.001 / FR.001 / FR.002 / GH.002 / IE.002 / IN.001 /
IN.002 / IN.003 / IN.006 / IN.007 / IN.008 / IN.009 / IN.010 /
KE.002 / KE.007 / KI.001 / LK.002 / LK.005 / LK.006 / MW.002 /
MY.001 / PE.005 / PG.002 / PG.004 / PG.007 / PH.006 / PH.010 /
PK.003 / SL.004 / SV.001 / TH.002 / TT.001 / TZ.002 / VU.001 /
XE.001 / XL.006 / XP.004 / XP.005 / XP.006 / XW.002 / XZ.004 /
XZ.005 / XZ.008 / XZ.010 / XZ.016 / XZ.017 / XZ.019 / XZ.020 /
XZ.024 / XZ.026 / ZA.002 /

COLLECTION AND OFFSITE TREATMENT

AR.001 / BB.001 / BD.002 / BJ.002 / BR.002 / BR.003 / BR.005 /
BR.006 / BR.010 / BR.012 / BR.013 / BW.001 / CA.002 / CL.008 /
CO.001 / CR.001 / DE.001 / EC.001 / EC.003 / EC.004 / FR.001 /
FR.002 / GA.001 / GB.001 / GB.002 / GH.002 / GT.001 / ID.001 /
ID.003 / ID.004 / ID.005 / ID.007 / IL.003 / IL.004 / IN.001 /
IN.002 / IN.003 / IN.004 / IN.006 / IN.007 / IN.008 / IN.009 /
IR.002 / JO.001 / JO.002 / KE.002 / KE.005 / KE.007 / KI.001 /
LK.001 / LK.002 / LK.004 / LK.005 / LK.006 / MW.002 / MY.001 /
MZ.002 / NI.001 / PE.001 / PE.003 / PE.005 / PG.002 / PG.003 /
PG.004 / PG.008 / PH.001 / PH.002 / PH.004 / PH.006 / PH.008 /
PK.001 / PK.003 / SL.003 / SL.004 / SV.001 / TH.001 / TH.002 /
TT.001 / TZ.002 / US.001 / XA.005 / XA.006 / XA.007 / XE.001 /
XL.003 / XL.005 / XL.006 / XP.001 / XP.003 / XP.004 / XP.005 /
XP.006 / XW.002 / XZ.004 / XZ.007 / XZ.008 / XZ.009 / XZ.010 /
XZ.012 / XZ.015 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.021 /
XZ.023 / XZ.024 / XZ.025 / XZ.026 / ZA.001 / ZA.002 / ZM.002 /

CARTAGE

BR.005 / BR.010 / BR.013 / FR.002 / IN.002 / IN.008 / KI.001 /
LK.002 / LK.006 / MY.001 / PE.005 / PG.002 / PK.003 / SL.004 /
SV.001 / TZ.002 / XL.006 / XP.005 / XW.002 / XZ.008 / XZ.016 /
XZ.017 / XZ.019 / XZ.020 / XZ.024 / ZA.002 /

WATER CARRIED DISPOSAL SYSTEMS

BB.001 / BR.005 / BR.006 / BR.010 / BW.001 / FR.002 / GH.002 /
ID.001 / IL.004 / IN.002 / IN.003 / IN.007 / IN.008 / KE.007 /
KI.001 / LK.002 / LK.005 / LK.006 / MY.001 / PG.002 / PG.008 /
PH.001 / PH.006 / PK.003 / SL.004 / SV.001 / TH.002 / TT.001 /
TZ.002 / XE.001 / XL.006 / XP.005 / XW.002 / XZ.004 / XZ.008 /
XZ.010 / XZ.012 / XZ.017 / XZ.020 / XZ.024 / ZA.002 /

OXIDATION PONDS

BD.002 / BR.005 / BR.006 / BR.010 / BW.001 / DE.001 / FR.001 /
FR.002 / ID.007 / IL.004 / IN.002 / IN.003 / IN.007 / IN.008 /
KE.007 / LK.002 / LK.006 / MY.001 / PE.005 / PG.002 / PH.004 /
PH.006 / PK.003 / SV.001 / TH.002 / TT.001 / TZ.002 / US.001 /
XE.001 / XL.003 / XL.006 / XP.005 / XW.002 / XZ.004 / XZ.008 /
XZ.012 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / ZA.002 /

COMPOSTING

BJ.002 / BR.005 / BR.010 / BR.013 / BW.001 / DE.001 / FR.001 /
FR.002 / GB.002 / ID.003 / ID.005 / IN.002 / IN.003 / IN.008 /
IN.009 / LK.002 / LK.006 / MY.001 / PK.003 / TH.002 / TZ.002 /
US.001 / XA.007 / XL.006 / XP.005 / XW.002 / XZ.008 / XZ.012 /
XZ.017 / XZ.020 / ZA.002 /

AQUATIC WEEDS

BR.005 / BR.010 / BR.013 / BW.001 / FR.001 / IN.002 / IN.008 /
LK.002 / LK.006 / MY.001 / PK.003 / SV.001 / TH.002 / US.001 /
XL.006 / XP.005 / XW.002 / XZ.004 / XZ.008 / XZ.016 / XZ.017 /
ZA.002 /

WASTE UTILIZATION

AR.001 / BB.001 / BD.002 / BJ.002 / BR.002 / BR.003 / BR.005 /
BR.006 / BR.008 / BR.009 / BR.010 / BR.011 / BR.012 / BR.013 /
BW.001 / BW.002 / CA.001 / CA.002 / CL.003 / CL.005 / CL.007 /
CL.008 / CO.002 / CO.003 / CR.001 / DE.001 / DE.002 / EC.001 /
EC.003 / EC.004 / ES.002 / ES.004 / FR.001 / FR.002 / GB.001 /
GB.002 / GH.001 / GT.001 / ID.002 / ID.003 / ID.004 / ID.005 /
ID.006 / ID.007 / ID.008 / IE.002 / IL.003 / IL.004 / IN.001 /
IN.002 / IN.003 / IN.004 / IN.007 / IN.008 / IN.009 / IN.010 /
IR.002 / JM.001 / JO.001 / KE.002 / KE.003 / KE.005 / KE.007 /
LK.001 / LK.002 / LK.006 / ML.001 / ML.001 / MW.001 / MW.002 /
MW.002 / MX.001 / MY.001 / MZ.001 / NL.001 / PE.003 / PE.004 /
PG.003 / PG.004 / PG.005 / PH.001 / PH.002 / PH.004 / PH.008 /
PH.009 / PK.001 / PK.003 / PL.002 / SL.004 / TH.001 / TH.002 /
TT.001 / TZ.001 / TZ.002 / US.001 / US.004 / XA.001 / XA.001 /
XA.005 / XA.006 / XA.007 / XE.001 / GB.005 / XL.001 / XL.002 /
XL.003 / XL.004 / XL.005 / XL.006 / XL.009 / XL.010 / XP.001 /
XP.002 / XP.003 / XP.004 / XP.005 / XP.006 / XW.002 / XZ.003 /
XZ.004 / XZ.005 / XZ.007 / XZ.008 / XZ.010 / XZ.012 / XZ.014 /
XZ.016 / XZ.017 / XZ.018 / XZ.019 / XZ.020 / XZ.021 / XZ.022 /
XZ.023 / XZ.024 / XZ.025 / YU.001 / ZA.002 /

IRRIGATION

BR.003 / BR.005 / BR.010 / BR.011 / BW.001 / CL.007 / CO.003 /
DE.001 / ES.002 / ES.004 / FR.001 / FR.002 / ID.002 / ID.003 /
ID.005 / ID.006 / ID.008 / IE.002 / IL.001 / IL.004 / IN.001 /
IN.002 / IN.003 / IN.007 / IN.008 / IR.002 / KE.005 / KE.007 /
LK.002 / LK.006 / PE.003 / PE.004 / PK.003 / PL.002 / TH.002 /
TZ.001 / TZ.002 / US.001 / XA.001 / XE.001 / GB.005 / XL.001 /
XL.002 / XL.006 / XL.009 / XL.010 / XP.002 / XP.003 / XP.004 /
XP.005 / XW.002 / XZ.003 / XZ.004 / XZ.005 / XZ.008 / XZ.010 /
XZ.012 / XZ.014 / XZ.016 / XZ.017 / XZ.019 / XZ.020 / XZ.022 /
XZ.025 / YU.001 / ZA.002 /

AQUACULTURE

BR.005 / BR.010 / BR.013 / BW.001 / CO.003 / ES.002 / ES.004 /
FR.001 / GH.001 / ID.005 / ID.006 / ID.008 / IE.002 / IN.002 /
IN.008 / KE.007 / LK.002 / LK.006 / PH.004 / PK.003 / TH.002 /
US.001 / US.004 / XL.005 / XL.006 / XL.009 / XP.002 / XP.003 /
XP.005 / XW.002 / XZ.004 / XZ.005 / XZ.008 / XZ.012 / XZ.016 /
XZ.017 / XZ.025 / ZA.002 /

ALGAE

BR.005 / BR.010 / BR.013 / CA.001 / DE.002 / ES.002 / ES.004 /
FR.001 / GH.001 / ID.008 / ID.008 / IE.002 / IE.002 / IN.002 /
IN.007 / IN.008 / LK.002 / LK.006 / PH.004 / PK.003 / TH.002 /
TZ.002 / US.001 / XL.006 / XL.009 / XP.005 / XW.002 / XZ.004 /
XZ.008 / XZ.016 / XZ.017 / XZ.025 / ZA.002 / ZA.002 /

FERTILIZATION

BB.001 / BJ.002 / BR.003 / BR.005 / BR.010 / BR.013 / BW.001 /
ES.002 / ES.004 / FR.001 / FR.002 / ID.005 / ID.008 / IE.002 /
IN.002 / IN.003 / IN.008 / KE.005 / LK.002 / LK.006 / MW.001 /
PE.003 / PH.002 / PK.003 / TH.001 / TH.002 / TZ.001 / TZ.002 /
US.001 / XA.007 / GB.005 / XL.005 / XL.006 / XL.009 / XL.010 /
XP.004 / XP.005 / XW.002 / XZ.003 / XZ.004 / XZ.005 / XZ.008 /
XZ.010 / XZ.012 / XZ.016 / XZ.017 / XZ.025 / ZA.002 /

BIOGAS

BJ.002 / BR.003 / BR.005 / BR.006 / BR.008 / BR.010 / BR.011 /
BR.013 / BW.001 / BW.002 / CA.001 / CL.003 / CO.002 / ES.002 /
ES.004 / FR.001 / FR.002 / GB.002 / ID.006 / ID.007 / ID.008 /
IE.002 / IN.001 / IN.002 / IN.003 / IN.007 / IN.008 / IN.009 /
IN.010 / KE.005 / LK.002 / LK.006 / ML.001 / ML.001 / MY.001 /
PG.004 / PH.002 / PK.003 / SL.004 / TH.002 / TZ.001 / TZ.002 /
US.001 / XA.001 / XE.001 / XL.002 / XL.006 / XL.009 / XL.010 /
XP.003 / XP.004 / XP.005 / XW.002 / XZ.004 / XZ.005 / XZ.007 /
XZ.008 / XZ.010 / XZ.012 / XZ.016 / XZ.017 / XZ.018 / XZ.020 /
XZ.024 / XZ.025 / ZA.002 /

WASTEWATER DISPOSAL

AR.001 / BB.001 / BH.001 / BO.001 / BR.001 / BR.002 / BR.003 /
BR.005 / BR.006 / BR.007 / BR.008 / BR.010 / BR.012 / BW.001 /
CA.002 / CL.005 / CL.007 / CL.008 / CM.003 / CO.001 / CR.001 /
CY.001 / DE.001 / EC.003 / EC.004 / ES.002 / ES.004 / FR.001 /
FR.002 / GA.001 / ID.003 / ID.004 / ID.007 / ID.008 / IE.002 /
IL.001 / IL.003 / IL.004 / IN.001 / IN.002 / IN.003 / IN.004 /
IN.005 / IN.006 / IN.008 / IN.009 / IN.010 / JM.001 / JO.001 /
JO.002 / KE.002 / KE.003 / KE.005 / KE.007 / LK.001 / LK.002 /
LK.004 / LK.005 / LK.006 / MW.002 / MY.001 / MZ.001 / MZ.002 /
NL.001 / PE.001 / PE.002 / PE.003 / PG.002 / PG.003 / PG.004 /
PG.005 / PH.001 / PH.002 / PH.004 / PH.006 / PH.008 / PH.009 /
PH.010 / PK.001 / PK.003 / PL.001 / PL.002 / SL.004 / SU.001 /
TH.002 / TZ.001 / TZ.002 / US.001 / US.004 / XA.001 / XA.006 /
XE.001 / XZ.029 / XL.003 / XL.006 / XL.009 / XP.001 / XP.003 /
XP.004 / XP.005 / XP.006 / XZ.004 / XZ.005 / XZ.007 / XZ.008 /
XZ.010 / XZ.012 / XZ.015 / XZ.016 / XZ.017 / XZ.020 / XZ.021 /
XZ.023 / XZ.024 / XZ.025 / XZ.026 / ZA.002 / ZM.002 /

Sociological aspects

BE.001 / BO.002 / BR.003 / BW.002 / CM.003 / EC.001 / IN.001 /
IN.005 / JO.001 / JO.002 / KE.002 / KE.003 / KE.004 / KE.007 /
KI.001 / KW.001 / LK.005 / LK.006 / MW.002 / PE.001 / PG.001 /
PG.003 / PG.005 / SL.001 / TG.001 / TH.001 / TZ.001 / VU.001 /
XA.003 / XA.005 / XZ.030 / XL.004 / XL.005 / XL.007 / XP.004 /
XZ.020 / XZ.026 / ZA.001 / ZR.002 /

Health aspects

AR.002 / BD.003 / BE.001 / BO.001 / BO.002 / BO.003 / BR.001 /
BR.002 / BR.003 / CL.005 / CO.001 / ES.001 / FR.001 / GA.001 /
GB.001 / ID.007 / IN.001 / IN.003 / IN.005 / JO.001 / JO.002 /
KE.001 / KE.007 / KI.001 / KW.001 / LK.005 / LK.006 / MW.002 /
MW.002 / MX.002 / NI.001 / NP.001 / PA.001 / PG.001 / PG.003 /
PG.005 / PH.001 / PH.002 / PL.003 / SD.001 / SL.001 / SL.004 /
SU.001 / TG.001 / TH.001 / TZ.001 / TZ.003 / UY.001 / VE.001 /
VU.001 / XA.005 / XZ.029 / XL.004 / XP.004 / XZ.020 / XZ.026 /
ZA.001 / ZR.002 / ZW.002 /

Technological aspects

BD.001 / BO.001 / BO.002 / BO.003 / BR.001 / BR.002 / BR.003 /
BR.004 / BR.006 / BW.002 / CA.001 / CO.001 / EG.001 / ES.004 /
FR.001 / GB.001 / GB.004 / ID.007 / IL.003 / IN.001 / IN.003 /
IN.005 / IR.001 / IR.002 / JO.001 / JO.002 / KE.002 / KE.007 /
KI.001 / KW.001 / LC.001 / LK.001 / LK.005 / LK.006 / LK.007 /
MW.002 / MW.002 / NE.001 / PA.001 / PE.001 / PE.004 / PG.003 /
PG.006 / PH.001 / PH.006 / PL.001 / PR.001 / SL.004 / TG.002 /
TZ.003 / VE.001 / VU.001 / XA.003 / XA.005 / XZ.029 / XL.005 /
XL.007 / XP.004 / XZ.020 / XZ.026 / YU.001 / ZM.001 / ZR.002 /

Institutional aspects

BD.003 / BO.002 / BR.001 / BR.002 / BR.003 / IN.001 / IN.005 /
JO.002 / NP.001 / PA.001 / PE.001 / TG.001 / XZ.029 / XL.007 /
XP.004 / XZ.020 /

Economic and financial aspects

AR.002 / BD.003 / BO.002 / BR.001 / BR.002 / BR.003 / BW.002 /
GB.001 / IN.001 / IN.003 / JO.001 / JO.002 / KE.001 / KE.002 /
KE.004 / KW.001 / LK.005 / LK.006 / PE.001 / PG.005 / PG.006 /
TG.002 / XA.003 / XL.005 / XL.007 / XP.004 / XZ.020 / YU.001 /
ZM.001 /

Manpower and training aspects

AR.002 / BD.003 / BE.001 / BR.001 / BR.002 / BR.003 / BW.002 /
CA.001 / EC.001 / ES.004 / GB.001 / GB.003 / ID.001 / IL.001 /
IN.001 / IN.003 / IN.005 / IN.006 / IN.007 / IN.010 / IR.002 /
JO.001 / JO.002 / KE.001 / KE.007 / KW.001 / LC.001 / LK.002 /
LK.005 / LK.006 / MW.002 / NE.001 / OM.001 / PE.001 / PE.004 /
PG.005 / PH.001 / PH.003 / PH.005 / PH.007 / PK.002 / TG.001 /
TZ.003 / XA.003 / XA.004 / XZ.029 / XL.007 / XP.004 / XZ.020 /
XZ.026 / YU.001 / ZM.001 /

Organizational and management aspects

FR.001 / IR.002 / KE.007 / KI.001 / KW.001 / LC.001 / LK.005 /
LK.006 / MZ.002 / NE.001 / PE.004 / PH.001 / PH.005 / TG.002 /
YU.001 /

INTERNATIONAL REFERENCE CENTRE FOR COMMUNITY WATER SUPPLY AND SANITATION

IRC is an internationally operating organization dealing with information and technology support for water and sanitation improvements. With its partners in developing countries and with United Nations agencies, donor organizations, and non-governmental organizations, IRC assists in the generation, transfer, and application of relevant knowledge. The focus of this co-operation is on the rural and urban-fringe areas where the need for technical assistance is greatest.

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