

Information related to water and the environment: databases available online and on CD-ROM

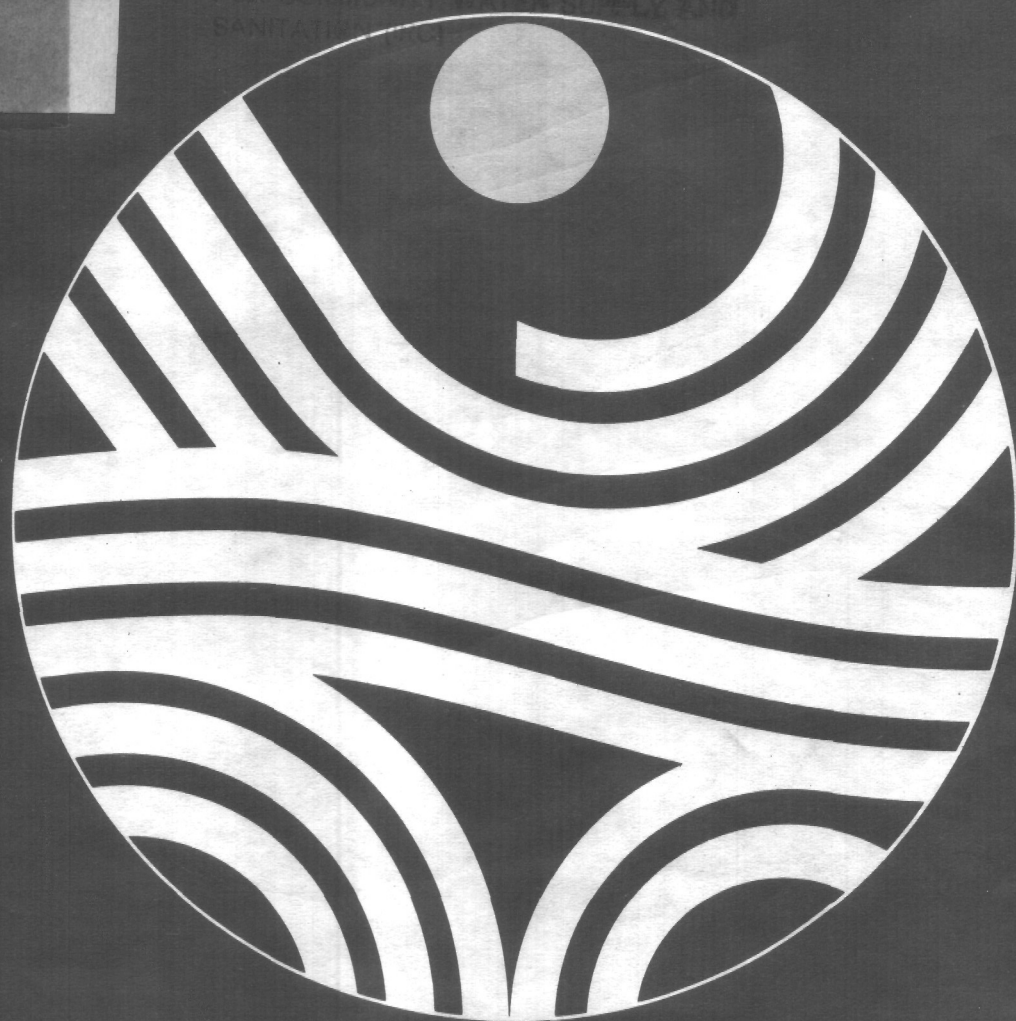
by F. Provost, P. Nieuwenhuysen and W.W. de Mes

IHP-IV Projects M-2-1 and M-2-2

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FOR COMMUNITY WATER SUPPLY AND
SANITATION

Technical Documents in Hydrology



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INTERNATIONAL HYDROLOGICAL PROGRAMME!!

Information related to water and the environment: databases available online and on CD-ROM

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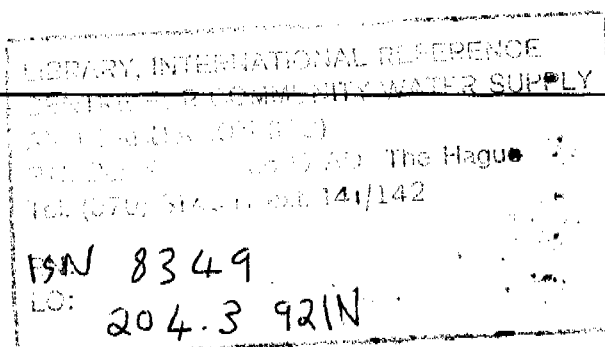


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Introduction

The use of internationally available water-related information and documentation systems is the theme of project M2.2 of the UNESCO's International Hydrological Programme. The term "water-related" is not strictly defined here; so all subjects related to the water-cycle, as seen from a hydrologic point of view, are included.

Here we provide a directory of water-related databases, on behalf of water-related information intermediaries, together with some introductory texts.. No restriction was made to the character of the databases such as full-text, bibliographic, referral, or numeric.

This subject-oriented directory is mainly based on the lists and overviews mentioned in the following.

In 1991, the online accessible version of the "Cuadra Directory of Databases" offered descriptions of about 5000 databases worldwide, including over 4500 online accessible databases and over 950 portable databases (i.e. databases available on CD-ROM, diskette or magnetic tape).

Luedtke (1988) has given an overview of online accessible energy-related environmental databases which can be divided into primary databases covering all aspects of the environment and specialised subject databases which cover a variety of topical areas such as water resources, bearing on energy-related environmental matters.

Scientific and technical databases available for searching environmental data and issues with a special emphasis on water related aspects have been surveyed by Alston (1991).

The guide "Environment Databases 1991" (Cox, 1991) provides information on databases related to the natural environment, air, water, land and minerals, earth sciences, geology, minerals, pollution, chemicals and toxicology, climatology and acid rain, ozone depletion and global warming.

The fourth edition of the directory of United Nations databases and information

services, edited by the Advisory Committee for the Coordination of Information Systems in 1990 reveals that a number of U.N. databases deal with water-related and environmental aspects. These databases, or parts of them, are made available mainly on diskette printed on paper, on magnetic tape, and sometimes on CD-ROM or online. The latter have been incorporated in this directory.

The CD-ROM directory edited by Desmarais, aims to provide its readers with a comprehensive listing of commercially available CD-ROMs.

The CD-ROM Directory edited by Mitchell, contains details on CD-ROM titles worldwide. The USA and Canada is responsible for 62% of CD-ROM titles, Europe for 32% and some 6% is produced by the rest of the world.

Difficulties related to information, in developing countries

The phenomenal growth in the library/information market of the application of microcomputers for a wide range of functions — from cataloguing and general housekeeping to intelligent on-line terminals — has brought a large amount of computing power within the range of most users and potential users.

However, telecommunications are frequently poor and the lack of a packet switching network means that online searching of remote databases is either impossible or too expensive.

A serious limitation to the development of library automation is the lack of suitable manpower. It is therefore not surprising that the application of computers in libraries in developing countries is at a very early stage. The easier the system is to set up and operate, the better the system will work. Therefore, CD-ROM is considered as a valuable tool for libraries and documentation centres in less developed countries.

Short history of computerised databases

Almost all bibliographic databases started as abstract journals or even as simple card files. Many abstract journals were at first meant for a relatively limited user group, especially in the water field. This meant that the scope of these journals was strongly determined by the specific needs of that specialised group. And as there is in general a strong overlap between the scope of, for instance, research institutes, or science fields, there is also a strong overlap in the abstract journals.

The production of abstract journals has been strongly influenced by the progress in printing techniques. During the second half of the sixties, computer typesetting came up; the input was produced on computers instead of on type-writers. This meant that the contents of the abstract journal was available in "digital" form, which made the production easier and more efficient; for instance, it became much easier to produce monthly and annual indexes.

Especially in the fields where money seemed to be no problem, at that time, such as the chemical and aerospace industry, the digital form developed soon into databases. Also in these fields there was a strong need to keep up to date, especially after the launch of the first Russian satellite. So the NASA/DOE Recon system was one of the first text retrieval software packages to be used for online "public" access, and it is still the ancestor of the software used by two important hosts in the technical field, Dialog and ESA/IRS.

When the prices of computer facilities went down and the possibilities of storage and processing grew strongly, more and more abstract journals became also available on line. For instance Aqualine came online in 1974 and Water Resources Abstracts a little earlier, in 1972, and fully available also in 1974.

As water is important in many disciplines, water information can be found in databases covering many different subjects. Hydrologists are interested in

rainfall-runoff relations, geologists like to know about the groundwater, biologists are interested in everything living in, on, around surface waters, and so on. The result is that bibliographical information on "water" can be found in a large number of databases.

The technological development brought again new media, which tend to have more features for digital storage at an even lower price. So now many database are becoming available in the form of CD-ROM (Compact Disc Read Only Memory). This guide also includes these databases. CD-ROM's have a large storage capacity (about 600 Mb), use standardized technology, and they are relatively insensitive to environmental conditions. The costs to produce a CD-ROM are rapidly declining. In the last two years, prices of CD-ROM drives have been more than halved. More details can be found in the chapter on CD-ROM versus On-line and in the "Guide to CD-ROM", a Unesco report, which is available free of charge (Heimbuerger 1988).

A number of database producers are considering to publish their database(s) on CD-ROM, such as International Civil Engineering Abstracts which has never been available online.

In the "water" field a limited number of databases is available, but, much information can also be found in more generally oriented databases.

Online access host systems

To make the picture of online searching a little more clear, a few words on hosts. Hosts, earlier often called "spinners", are exploiting computer-systems, which provide access to databases and offer additional services on a commercial basis.

Each host has its own search language, related to the retrieval software used. So the commands and syntaxes of most host systems are different.

Some host-services have taken special measures to facilitate access and use of information in the databases for end-users. (non-skilled searchers). Dialog (located in the USA) introduced the Knowledge Index, using a limited number of databases and a

simplified search language. Dialog also started with the Business- and Medical Connection, and BRS (also in the USA) has its AfterDark and BRKTHRU (USA only) facilities which all operate with a menu-driven system. Also ESA/IRS (in Italy) can be searched using menu's. The ESA/IRS experiment on searching using natural language, Quest Quorum is still experimental. ESA/IRS is also investigating the possibilities of creating an "intelligent interface"

There are also developments, which facilitate the use of multiple databases with one and the same search-strategy. Onesearch at Dialog searches the selected databases one after another. Cluster searching at ESA/IRS searches the selected files simultaneously and should give a stronger reduction in search/connect time. In December 1989 Dialog added the possibility to remove duplicates from the search results, after executing a "Onesearch" on multiple databases. This "deduplication" is now also available on many other hosts.

Charges are generally based on connect time and number of abstracts printed. ESA/IRS made the step to change the charge-policy completely; the costs for connect time are very low, a fixed price for each database entered is charged (between \$6 to \$12) and only if you really take abstracts or parts of it from a database you have to pay. It is stated that in this case the "taxi-meter" effect is absent, which will result in better searches, better results, and better use of all the possibilities of the search facilities. This example has only been followed by Australis, an Australian host.

Computer networks

Because of the fact that hosts are located mainly in the Western World, some way of worldwide communication on-line is required for access from all parts of the world. Already in 1980, telecommunications were seen as an essential tool in the social, cultural, and economical development, as stated in the report of the MacBride Commission of UNESCO called "Many

voices, One world". More recently, studies have been executed by the International Telecommunications Union (ITU) in Geneva; for instance, the "Maitland Commission" concluded that the "information gap" is still growing. In general, telecommunications in the developing countries are at a very low level; for instance in a town like Tokyo there are more telephones than in the whole of Africa, where densities vary between one and seven telephones/1000 people; and this service often is not very reliable. (Hudson, 1987).

The existing computer-networks are growing, but still mainly limited to the "Western" world, where one is already working on the next generation networks, such as the ISDN (Integrated Services Digital Network), VAN (Value Added Network) and the educational and research networks..

Connections are possible from countries having national networks, such as Brazil, Colombia, Mexico and Barbados in the Latin-American region, from Indonesia in the Asian region and from Gabon and Ivory Coast in the African region. In some countries multiplexers or concentrators are linked with for instance Italcable like in Morocco, Kuwait or the Peoples Republic of China.

The need for improved data-networks, might become less important, because of the fact that many databases are becoming available on CD-ROM as mentioned earlier. Another way out of this situation might be "packet radio", transmission of digital data over a radio link, as already in use by the BBC. At present, however, none of the existing hosts have provisions for this way of communication.

Gateways and intelligent interfaces

Already before the wide-spread use of microcomputers, there were developments to facilitate searching online databases by end-users. From the field of artificial intelligence came the development of expert systems. Although there are a number of

more or less experimental systems in the field of information retrieval working, the problems of translating the way in which skilled searchers are actually searching, have not yet been solved adequately.

Front-end systems, like gateways etc., facilitate the procedure of connecting hosts through telecommunications, selecting an appropriate database and offering the possibility to prepare a search off-line. In some cases these systems are search-language independent.

EasyNet offers this kind of service on a commercial basis. Also the II of Infotap, Luxembourg, developed with a grant of the EEC, is being offered in Europe. This last service is connected to the Geonet e-mail network.

Another such a development is Tome-Searcher, a PC-based system that will accept free expression English language queries, developed by Tome Associates in cooperation with ESA/IRS, and sponsored by the British Library (Online Review, 12(1988)1, p. 6-7). At this moment, however, the only really working version has been made for INSPEC (a computer, physics, electronics, etc. database), because a well-developed thesaurus was available, but the development seems not to be continued.

None of these systems, however, have persuaded large quantities of end-users to use on-line information systems more frequently. The price for information still seems to be the problem for this category of (potential) users. ("Situation in the USA", Nachrichten fuer Dokumentation, 39 (1988), p. 83-86).

The databases

A general categorisation of databases is made in the following:

- "Water databases"
- "Water-related databases"
- "Mega-databases"

"Water-databases"

These databases which are closely related to water are spread over a number of hosts.

On the host Dialog we find the databases Aquaculture (closed file since 1984), Aquatic Sciences and Fisheries Abstracts (ASFA, produced with FAO), Water Resources Abstracts, Waternet (produced by the American Water Works Association, AWWA), and FLUIDEX (produced earlier by BHRA, but now by Elsevier).

The host ESA/IRS has recently added ASFA next to the databases AFEE, Delft Hydro (no longer updated, last update 86/12), and FLUIDEX (last update 90/12).

Orbit-Infoline has exclusively Aqualine and had Waterlit. Waterlit is now available on CD-ROM only.

FIZ-Technik as well as STN have brought Hydroline publicly on-line as a part of the Geoline database.

Each database has its pro's and con's.

Water Resources Abstracts is very complete in coverage, but updates are rather slow. Waterlit has no abstracts (and is off-line now). AFEE has brief abstracts only in the most recent years. Some are indexed manually, some are machine-indexed, or not at all. AFEE has French controlled terms, most other databases have English controlled terms, except Fluidex which has none. In addition, many databases also use some kind of classification. A general problem is the retrievability of geographic areas.

Most databases only have the formal terms (from title or abstract) to retrieve the references, or have very general index terms.

Each database has its unique literature sources, but still there is an overlap in coverage between all of them. For instance, between Delft Hydro and FLUIDEX the overlap is considerable; attempts of the producers to cooperate to reduce the overlap failed however. There is also an overlap between Water Resources Abstracts, Waterlit, Waternet, Aqualine and Delft Hydro, especially when one considers the

abstracted/scanned periodicals. A cooperation between the last two database producers has been established during 1987, to reduce the overlap and to exchange abstracts. A more detailed comparison of a few "water" databases has been made by de Jong-Hofman and Siebers (1984). The overlap of the databases Aqualine, KIT Abstracts, Repindex, IRCDOC and ENSIC has been studied by Provost and Nieuwenhuysen (1992).

"Water-related databases" and "mega-databases"

As water is an inherent part of the real world, the scope of water-related subjects could be widened in several directions. Information on "water" can be found either in large multi-disciplinary databases like Compendex, NTIS, Pascal, or Chemical Abstracts, which are available on many hosts, or in specialised databases on the environment (Environmental Bibliography, Enviroline, Pollution Abstracts, etc.), on biology (Biosis), on geology (Geoarchive, Geoline, Georef, etc.), on oceanography (Oceanic), on agriculture (AGRIS, Agricola, CAB, etc.) and so on, which are available sometimes on one host only. So information on water-related subjects, for instance hydrology, or transport, or irrigation, is scattered over a large number of databases and information sources.

When one takes into consideration the fact that there are a number of abstract journals, which have no on-line equivalent, like Irricab produced in Israel, or International Civil Engineering Abstracts produced in Ireland, or the (West) German Dokumentation Wasser, the picture becomes even more complicated.

The development of databases stored on "new media" like the CD-ROM, as mentioned earlier, might be a solution for availability. Although the medium is rather well standardized, the retrieval software differs again for each product or supplier. In some cases the command language is similar to that of one of the existing hosts, which still makes experience necessary, but

in most cases the retrieval systems are more or less menu-driven.

Crucial is the fact that all databases mentioned are produced in the "developed" world using in majority sources produced in the same parts of the world. A lot of unnecessary duplication is present between all the databases, but information from developing countries is generally lacking.

Besides, an important question is the applicability of the technology described in these databases for use in developing countries.

According to Gotschalk (1984), of all internationally available databases at that time, less than 1% was produced in developing countries. From the UNESCO Yearbook it can be seen that the production of books in developing countries is steadily obtaining a bigger share of the total world production. Exceptions are for instance the database Asian Geo at ESA/IRS, produced in Thailand, the database TROPAG (Tropical Agriculture), and IRCDOC, the database of the IRC International Water and Sanitation Centre in The Hague which is dealing with appropriate technology in the field of water supply and sanitation. This last database is loaded in-house with Minisis software on an HP computer. Solutions should be found in stimulating developing countries to either enter their material in an existing database or to build databases in some way.

The cooperation between Delft Hydro in the Netherlands and YUWAT in Yugoslavia has been set to provide a pilot project on the exchange of material in a machine-readable form, which may serve as a model for developing countries. WRC, the producer of Aqualine is investigating this for the database produced by ENSIC in Bangkok. The IRC International Water and Sanitation Centre is also investigating this possibility, for instance the IRCDOC database may be offered on CD-ROM together with the Repidisca database, which is produced in Latin America. The host ESA/IRS has already in 1984 expressed its willingness to load databases from developing countries (UNISIST Newsletter, 12 (1984) 4, p. 55).

To compare some details of a number of databases, a very simple search can be executed: for instance, irrigat? and Senegal and au=hargreaves? This simple question already makes clear some of the issues mentioned earlier :

- there is a considerable overlap among the different databases;
- clustering more databases in one search and using the possibility of removing "double" titles, may be part of a solution;
- articles from periodicals in the "water" field could also be found in either multidisciplinary ("mega") databases or water-related databases;
- clustering could also be a solution here; however, combining large and small databases might have the effect that the response from the small specialised database is drowned in the total result;
- a weak spot in most databases appears to be the indexing concerning geographical areas in detail; this is of course a strong argument for using geologically oriented databases, which have generally a number of ways to search for a detailed location.

A better cooperation among database producers to reduce the overlap would be advisable. Here a problem shows up: Building a quality database is a costly operation; main revenues come from the printed products (abstract journals), which have to offer a "minimum package" to their subscribers. Maybe the income from selling CD-ROM's can provide a better balance.

Generally speaking, it could be said that, "What is easy to get, is easy to find," but grey literature such as reports, theses, and literature from third world countries remains generally out of sight.

CD-ROM versus online

Magnetic tape versions of databases have been available on subscription for many years. The CD-ROM brings the same information technology down to the level of

microcomputer. The IBM-PC range of microcomputers has become a de-facto industry standard, with many companies producing IBM-compatible microcomputers, including some developing countries, such as India.

There are various forms of optical discs, such as the 12" videodisc, the WORM (Write Once Read Many), the digital data disc and CD-ROM (Compact Disc-Read Only Memory). The latter has a capacity of about 600 Megabytes which corresponds to about 250,000 A4 size pages of paper. Because of its storage and retrieval capacity the CD-ROM technology has much potential for library use, especially in developing countries where importing the material in hardcopy format from more developed countries has always been a problem.

Another advantage is the major breakthrough in the amount of information that can be distributed and used with a personal computer. In essence, with the optical disc developing countries that are not at present using online databases for the reasons referred to above, can now have databases at their fingertips and provide unlimited local access to the information in these databases.

Furthermore, most CD-ROM products offer easier retrieval methods than their online access counterparts.

More and more CD-ROMs are now being produced (Nicholls, 1991; Nicholls and Sutherland, 1992). Producers of a CD-ROM directory find it hard to keep pace with the evolution. The available databases can be classified in four major categories of information:

- bibliographic/indexing,
- reference/numerical,
- bibliographic/abstracting and
- full text.

Van Hartevelt (1987) showed that less than 4% of the searches in the online database TROPAG (Tropical Agricultural Database) were carried out by developing countries. At the same time, the hard copy of TROPAG-ATA (Abstracts on Tropical Agriculture), is used for 55% by developing countries. This proves that the information is relevant.

The few developing countries with access to online databases are situated in Latin-America. Asia is dependent on expensive and unreliable telephone and telex communications and Africa lays far behind with the exception of the Ivory Coast, Gabon, Gambia and Kenya.

For the lucky few, where access to major online hosts is possible, some vendors (such as Dialog) offer the facility for a search to be conducted on the Dialog On Disc CD-ROM, then to be saved and continued online, using software for communications (DialogLink). This proves that online and CD-ROM can walk hand-in-hand.

Considering Table 1, the major differences in cost come from the striking disparity in information delivery cost represented by the telecommunications in the online model in contrast to the disc production plus mail distribution in the CD-ROM model.

Experience indicates that "who is in control of the machine" is one of the most important question to be taken account in the design and development of better user interface software (Brito, 1989). The consequence of this is that novice users who are given a choice between accessing a database online or via CD-ROM will prefer the latter in most cases. In developing countries, where most users are inexperienced, a database on CD-ROM, apart from cost considerations, will certainly be more attractive. This choice is even more conditioned by:

- the general lack of telecommunication;
- the implementation of a global package (hardware, software and the heart of the matter, the information itself);
- the ability of CD-ROM to contain full text, pictures and sound.

These characteristics permit the association of full-media features with databases or knowledge bases, making the CD-ROM an even powerful document delivery device.

The CD-ROM could be installed for instance in university libraries or in national information centres. The special libraries are dependent on their hosts

(private firms) and a national water-related information centre is not available everywhere.

There is no doubt that online databases are able to provide the most up-to-date information. They provide information that cannot be put on optical storage media. Therefore, CD-ROM and online facilities must be seen as complements of each other in developed countries. On the other hand, in many developing countries CD-ROM is possibly the only alternative.

Characteristics	CD-ROM	Online
Capacity	550 Mbyte of data is accessible Multidrives and jukeboxes offer more	Hundreds of gigabytes of data
Currency	The data on a CD-ROM disk are at least one month old	Most bibliographical databases are frequently updated
Costs	Fixed prices or annual subscription charge No telecommunication costs	Price related to the number of retrieved references, to telecommunication connect time and quantity of transferred information
Response time	Mainly due to the CD-ROM drive mechanism and the layout of the disk	In most cases faster than with CD-ROM
Cross file searching	Not possible	Possible
Hours of operation	Unlimited	May be limited
Equipment required	CD-Rom drive Microcomputer Printer Interface between CD-ROM driver and microcomputer Power pack (stabilisator and battery, useful in developing countries and ensures continuously electric power at an equal voltage)	Terminal or preferably a microcomputer Telephone and modem, or direct access to datacommunication network with equipment for packet assembly and disassembly (PAD) Communication software A well functioning telecommunication/datacommunication system Printer

Table 1: Comparison between CD-ROM and online databases.

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Directory of databases related to water and the environment

How to use the directory?

The directory is divided in two classes : optical (CD-ROM) information carriers and online accessible databases . In both classes the databases are sorted alphabetically.

The optical class is represented by the Compact Disk Read Only Memory (CD-ROM) and is therefore portable.

In the class of online access we find the magnetic tapes loaded into host systems and to be searched online, such as DIALOG, ESA/IRS, STN, Data-Star and many others.

The type of the content of the databases is given in field: "Type".

The different types for CD-ROM databases can be:

Audio: Collections of sounds or speech.

Bibliographic: Contain citations, sometimes with abstracts, of the printed literature, e.g. journal literature, reports, patents, dissertations, conference proceedings, books, or newspaper items.

Full text: Representations of original publications (e.g. journal articles, reports, newspapers or original writings stored in a form that allows individual words to be used in retrieval).

Full text / images: Full text materials that include figures, illustrations, charts, photographs, and other graphic materials included in the original work.

Images: Collections of graphic materials, including graphic design aids, photographs, charts, figures, illustrations or text in image form.

Numeric: Contain original survey data and/or statistically manipulated representations of data. Are generally in the form of time series which represent measurements (e.g. discharge of a river) over time for a given variable.

Referral: Contain references, sometimes with abstracts or summaries, to non-published information. Generally refer users to organisations, individuals, audiovisual materials and other non-print media and current research.

Software: Libraries of computer programs, including freeware and shareware, that can be downloaded for local use.

Textual-numeric: Collections of records that contain descriptive information with statistical or properties data.

Online access databases are divided in:

SOURCE: These databases contain original source data, the full text of original source information, or materials prepared specially for electronic distribution.

Full text: Contain records of the complete text of an item, e.g. a newspaper article, a specification or a newsletter.

Numeric: Contain original survey data and/or statistically manipulated representations of data. Are generally in the form of time series which represent measurements (e.g. discharge of a river) over time for a given variable.

REFERENCE: These databases refer users to another source (e.g., a document, an organisation) for additional information or for the complete text.

Bibliographic: Contain citations, sometimes with abstracts, of the printed literature, e.g. journal literature, reports, patents, dissertations, conference proceedings, books, or newspaper items.

Referral: Contain references, sometimes with abstracts or summaries, to non-published information. Generally refer users to organisations, individuals, audiovisual materials and other non-print media, for further information.

The following terms are also used in the directory:

The "title" of a database is the official product name.

A "producer" is a source (organisation or individual) of the information.

A "host" is an organisation providing access to the information which is carried online or on CD-ROM.

A "vendor" is an organisation through which the product is available.

The CD-ROM databases

Title of database	ACID RAIN
Producer	The University of Vermont, Bailey/Howe Library.
Host	Knowledge Access International.
Vendor	KNOWLEDGE ACCESS INTERNATIONAL, 2685 Marine Way, Suite 1305, Mountain View, CA 94043, USA. Telephone: 415/969-0606. FAX: 415/964-2027. THE UNIVERSITY OF VERMONT, Bailey/Howe Library, Burlington, VT 05405, USA. Telephone: 802/656-2022.
Type	Full Text/Images.
Language	English and French
Subject	Environment-Environmental-Policy.
Coverage	Canada
Updating	Not updated

Title of database	AGRICOLA and CRIS.
Producer	U.S. Department of Agriculture (USDA), Cooperative State Research Service (CRIS); USDA, National Agricultural Library (NAL) (AGRICOLA).
Host	OCLC Online Computer Library Center, Inc.
Vendor	OCLC ONLINE COMPUTER LIBRARY CENTER, Inc., 6565 Frantz Road, Dublin, OH 43017, USA. Telephone: 614/764-6000; 800/848-5878; 800/848-8286 (in OH). TWX: 810-339-2026. FAX: 614/764-6096. U.S. DEPT. OF AGRICULTURE (USDA), Cooperative State Research Service, Current Research Information System, 5th Floor, National Agricultural Library Building, Beltsville, MD 20705, USA. Telephone: 301/344-3850. U.S. DEPT. OF AGRICULTURE (USDA), National Agricultural Library, Information Systems Division, 10301 Baltimore Blvd., 5th Floor, Beltsville, MD 20705, USA. Telephone: 301/344-3813. FAX: 301 /344-5473. E-mail: ALANET: ALA 1029; Dialcom: AGS3086.
Type	Bibliographic and Referral.
Language	English
Subject	Agriculture; Food-Sciences-Nutrition; Life-Sciences; Research-in-Progress.
Corresponding online source	AGRICOLA CRIS/USDA
Corresponding printed source	Bibliography of Agriculture.
Coverage	International
Time Span	Current disc, 1983 to date; archival disc, 1979 to 1982.
Updating	Quarterly

Title of database	AGRICOLA and CRIS.
Producer	U.S. Department of Agriculture (USDA), Cooperative State Research Service (CRIS); USDA, National Agricultural Library (NAL) (AGRICOLA)
Host	SilverPlatter Information, Inc.
Vendor	SILVERPLATTER INFORMATION, Inc., One Newton Executive Park, Newton Lower Falls, MA 02162-1449, USA. Telephone: 617/969-2332; 800 /343-0064. FAX: 617/969-5554. . U.S. DEPT. OF AGRICULTURE (USDA), Cooperative State Research Service, Current Research Information System, 5th Floor, National Agricultural Library Building, Beltsville, MD 20705, USA. Telephone: 301/344-3850. U.S. DEPT. OF AGRICULTURE (USDA), National Agricultural Library, Information Systems Division, 10301 Baltimore Blvd., 5th Floor, Beltsville, MD 20705, USA. Telephone: 301/344-3813. FAX: 301 /344-5473.
Type	Bibliographic and Referral.
Language	English
Subject	Agriculture; Food-Sciences-Nutrition; Life-Sciences; Research-in-Progress.
Corresponding online source	AGRICOLA CRIS/USDA
Corresponding printed source	Bibliography of Agriculture.
Coverage	International
Time Span	Current disc, 1984 to date; archival discs, 1970 to 1983.
Updating	Quarterly

Title of database	AGRICOLA
Producer	U.S. Department of Agriculture (USDA), National Agricultural Library (NAL)
Host	Quanta Press, Inc.
Vendor	QUANTA PRESS, Inc., 2550 University Avenue West, Suite 245N, St. Paul, MN 55114, USA. Telephone: 612/641-0714. FAX: 612/644-8811. U.S. DEPT. OF AGRICULTURE (USDA), National Agricultural Library, Information Systems Division, 10801 Baltimore Blvd., 5th Floor, Beltsville, MD 20705, USA. Telephone: 301/344-3813. FAX: 301/344-5473.
Type	Bibliographic.
Language	English, with titles also in original languages.
Subject	Agriculture; Food Sciences; Nutrition.
Corresponding online source	AGRICOLA
Corresponding printed source	Bibliography of Agriculture
Coverage	International
Time Span	Current disc, 1985 to date; archival disc, 1975 to 1984.
Updating	Quarterly

Title of database	AGRIS; International Information System for the Agricultural Sciences and Technology.
Producer	Food and Agriculture Organization of the United Nations (FAO), AGRIS Coordinating Centre.
Host	SilverPlatter Information, Inc.
Vendor	<p>FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS; AGRIS Coordinating Centre, Via delle Terme di Caracalla, 00100 Rome, Italy Telex: 610181 FAO I. FAX: 39 (6) 57 97 31 50. E-mail: EARN/BITNET: GILSN2 @ IRMFAO01.</p> <p>SILVERPLATTER INFORMATION, Inc., One Newton Executive Park, Newton Lower Falls, MA 02162-1449, USA. Telephone: 617/969-2332; 800 /343-0064. FAX: 617/969-5554.</p>
Type	<p>Bibliographic, corresponds to the monthly Agrindex and in part to the AGRIS online database. Corresponding online source: AGRIS</p> <p>Corresponding printed source: Food and Agriculture Organization of the United Nations (FAO), AGRIS Coordinating Centre, Agrindex.</p>
Language	English, with titles also in original languages
Subject	Agriculture.
Coverage	International
Time Span: .	Current disc, 1989 to date; archival disc, 1986 to 1988

Title of database	AQUALINE TRADEMARK.
Producer	Water Research Centre (WRC).
Host	Compact Cambridge.
Vendor	COMPACT CAMBRIDGE (Europe), Oranje Nassaulaan 31, 1075 AJ Amsterdam, The Netherlands WATER RESEARCH CENTRE, Stevenage Laboratory, Elder Way, Stevenage, Hertfordshire SG1 1TH, England. Telephone: 44 (438) 312444. Telex: 826168 G. FAX: 44 (438) 315694.
Corresponding online source	Aqualine
Type	Reference (Bibliographic).
Language	English
Subject	Water-Resources-Management.
Coverage	International
Time Span	1960 to date
Updating	Updated quarterly

Title of database	AQUATIC SCIENCES AND FISHERIES ABSTRACTS.
Producer	Food and Agriculture Organization (FAO) of the United Nations, Fishery Information, Data and Statistics Service; Intergovernmental Oceanographic Commission (IOC); United Nations Environment Programme (UNEP); United Nations, Office for Ocean Affairs and the Law of the Sea (UNOALOS).
Host	Cambridge Scientific Abstracts.
Vendor	CAMBRIDGE SCIENTIFIC ABSTRACTS (CSA), 7200 Wisconsin Avenue, Bethesda, MD 20814, USA. Telephone: 301/961-6750; 800/843-7751. TWX: 910-250-7547 CMBMD. FAX: 301/961-6720. FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, Fishery Information, Data and Statistics Service, Via delle Terme di Caracalla, 00100 Rome, Italy. Telephone: 39 (6) 57 97 64 14. Telex: 610181 FAO I. FAX: 39 (6) 57 82 61 0; 39 (6) 57 97 31 52. INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION, Unesco, 7 place de Fontenoy, 75700 Paris, France. Telephone: 33 (1) 45 68 40 08. Telex: 204461 F. UNITED NATIONS, Office for Ocean Affairs and the Law of the Sea, 2 United Nations Plaza, New York, NY 10017, USA. Telephone: 212 /963-3926. FAX: 212/963-5847. UNITED NATIONS ENVIRONMENT PROGRAMME, P.O. Box 30552ions Plaza, Nairobi, Kenya. Telephone: 254 (2) 33 39 30. Telex: 22068 UNEP KE. FAX: 254 (2) 52 07 11.
Type	Bibliographic.
Language	English, with titles also in original languages.
Subject	Aquatic-Sciences.
Corresponding online source	AQUATIC SCIENCES AND FISHERIES ABSTRACTS
Corresponding printed source	Aquatic Sciences and Fisheries Abstracts, Part 1: Biological Sciences and Living Resources Aquatic Sciences and Fisheries Abstracts, Part 2: Ocean Technology, Policy and Non-Living Resources Aquatic Sciences and Fisheries Abstracts, Part 3: Aquatic Pollution and Environmental Quality ASFA Aquaculture Abstracts.
Coverage	International
Time Span	1982 to date
Updating	Quarterly

Title of database	ARCTIC & ANTARCTIC REGIONS.
Producer	Library of Congress (LC), Science & Technology Division, on behalf of the various providers and with support from the National Science Foundation, Division of Polar Programs.
Host	National Information Services Corporation NISC.
Vendor	ARCTIC INSTITUTE OF NORTH AMERICA, The University of Calgary, 2500 University Drive, NW, Calgary, Alberta T2N 1N4, Canada. Telephone: 403/220-4036. Telex: 03821545. FAX: 403/282-4609. E-mail: BITNET: RGOODWIN@UCDASVM1; Envoy 100: astis. BOREAL INSTITUTE FOR NORTHERN STUDIES, CW401 Bio. Sci. Building, The University of Alberta, Edmonton, Alberta T6G 2E9, Canada. Telephones: 403/492-4409. FAX: 403/492-1153. E-mail: BITNET: BINS@UALTAMTS; Envoy 100: ILL.Boreal. LIBRARY OF CONGRESS (LC), Science & Technology Division, Cold Regions Bibliography Project, Washington, DC 20540, USA. Telephone: 202/707-1181. MEMORIAL UNIVERSITY OF NEWFOUNDLAND, Cold Ocean Resources Engineering Center, Captain Robert A. Bartlett Building, St. Johns, Newfoundland A1B 3X5, Canada. Telephone: 709/737-8354. NATIONAL INFORMATION SERVICES CORPORATION (NISC), Wyman Towers, Suite 6, 3100 St. Paul Street, Baltimore, MD 21218, USA. Telephone: 301/243-0797. FAX: 301/243-0982. NATIONAL SCIENCE FOUNDATION, Division of Polar Programs, 1800 G Street, NW, Washington, DC 20550, USA. SCOTT POLAR RESEARCH INSTITUTE LIBRARY, Cambridge University, Lensfield Road, Cambridge CB2 1ER, England. U.S. ARMY CORPS OF ENGINEERS, Cold Regions Research & Engineering Laboratory, 72 Lyme Road, Hanover, NH 03755-1290, USA. Telephone: 603/646-4221; 603/646-4238. FAX: 603/646-4278. U.S. DEPT. OF ENERGY, Energy Information Administration, 1000 Independence Avenue, SW, Mail Stop EI421, Washington, DC 20585, USA. Telephone: 202/252-1155. WORLD DATA CENTER-GLACIOLOGY (SNOW & ICE), University of Colorado, CIRES Box 449, Boulder, 80309, USA. Telephone: 303/492-5171.
Type	Bibliographic and Images.
Language	English, with titles also in original languages.
Subject	Arctic-Antarctic-Studies; Library-Holdings-Catalogs; News-International.
Corresponding online source	ARCTIC SCIENCE AND TECHNOLOGY INFORMATION SYSTEM BOREAL LIBRARY CATALOGUE BOREAL NORTHERN TITLES COLD REGIONS SCOTT POLAR RESEARCH INSTITUTE LIBRARY CATALOGUE

Title of database	CABCD; CAB ABSTRACTS.
Producer	CAB International.
Host	CAB International; SilverPlatter Information, Inc.
Vendor	CAB INTERNATIONAL, Wallingford, Oxon OX110 8DE, England. Telephone: 44 (491) 32111. Telex: 847964 COMAGG G. FAX: 44 (491) 33508. E-mail: Dialcom 84: CAU001. SILVERPLATTER INFORMATION, Inc., One Newton Executive Park, Newton Lower Falls, MA 02162-1449, USA. Telephone: 617/969-2332; 800 /343-0064. FAX: 617/969-5554.
Type	Bibliographic. Corresponding online source: CAB ABSTRACTS. Corresponding printed source: CAB International, CABI Abstract Journals, including water-related products, such as Irrigation and Drainage Abstracts
Language	English
Subject	Agriculture; Economic-Development; Food-Sciences-Nutrition; Veterinary-Sciences.
Coverage	International
Time Span	Volume 1, 1984 to 1986; Volume 2, 1987 to 1989; Volume 3, 1990 to date.
Updating	Annually

Title of database	COMPACT INTERNATIONAL AGRICULTURAL RESEARCH LIBRARY.
Producer	Consultative Group on International Agriculture Research (CGIAR).
Host	Consultative Group on International Agriculture Research Knowledge Access International CGIAR.
Vendor	CONSULTATIVE GROUP ON INTERNATIONAL AGRICULTURE RESEARCH (CGIAR), c/o World Bank, 1818 H Street, NW, Washington, DC 20433, USA. Telephone: 202/473-8942. FAX: 202/334-8750. E-mail: Dialcom 57: CGI003. KNOWLEDGE ACCESS INTERNATIONAL, 2685 Marine Way, Suite 1305, Mountain View, CA 94043, USA. Telephone: 415/969-0606. FAX: 415/964-2027.
Type	Full Text and Images.
Language	English
Subject	Agriculture.
Corresponding printed source	International Rice Research Institute, Farmer's Primer on Growing Rice Asian Vegetable Research and Development Center, Diamondback Moth Management International Center for Living Aquatic Resources Management, Integrated Agriculture-Aquaculture Farming Systems Southeast Asian Regional Center for Graduate Study and Research in Agriculture, Integrated Agriculture-Aquaculture Farming Systems International Board for Plant Genetic Resources, Handbook of Seed Technology for Genebanks International Crops Research Institute for the Semi-Arid Tropics, Management of Vertisols for Improved Agricultural Production International Institute of Tropical Agriculture, Annual Report and Research Highlights International Center for Agricultural Research in the Dry Areas, Seed Production Technology Centro Internacional de Agricultura Tropical, Field Problems of Beans in Latin America National Livestock Centre for Africa, Productivity of Boran Cattle Maintained by Chemoprophylaxis under Trypanosomiasis Risk West Africa Development Association, The Principal Insect Pests of Rice in West Africa and Their Control International Potato Center, Research for the Potato in the Year 2000 International Crops Research Institute for the Semi-Arid Tropics, A Guide to Sorghum Breeding International Food Policy Research Institute, Food in the Third World: Past Trends and Projections to 2000 International Council for Research in Agroforestry, Multipurpose Tree & Shrub Seed Directory International Maize and Wheat Improvement Center, The Economics of Commercial Maize Seed Production in Developing Countries International Laboratory for Research on Animal Diseases, Annual Report International Service for National Agricultural Research, Annual Report International Centre of Insect Physiology and Ecology, DuDu News International Center for Integrated Mountain Development, Managing Mountain Watersheds International Fertilizer Development Center, Sulfuric Acid-Based Partially Acidulated Phosphate Rock.

Coverage	International
Time Span	Current information
Updating	Not updated

Title of database	COMPENDEX REGISTERED *PLUS CD-ROM.
Producer	Engineering Information, Inc. (EI).
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-4069. E-mail: DIALMAIL: MARKETING. ENGINEERING INFORMATION, Inc., 345 East 47th Street, New York, NY 10017, USA. Telephone: 212/705-7600; 800/221-1044. Telex: 4990438. FAX: 212/832-1857.
Type	Bibliographic.
Language	Primarily English, with about 30 percent of the documents in other languages, all abstracts in English
Subject	Engineering.
Corresponding online source	COMPENDEX; Ei ENGINEERING MEETINGS
Corresponding printed source	Engineering Information, Inc., The Engineering Index Annual; Engineering Information, Inc., The Engineering Index Monthly.
Coverage	International
Time Span	1985 to date
Updating	Quarterly

Title of database	EARTH SCIENCES DATABASE.
Producer	U.S. Department of the Interior, Geological Survey (USGS).
Host	OCLC Online Computer Library Center, Inc.
Vendor	OCLC ONLINE COMPUTER LIBRARY CENTER, Inc., 6565 Frantz Road, Dublin, OH 43017, USA. Telephone: 614/764-6000; 800/848-5878; 800/848-8286 (in OH). TWX: 810-339-2026. FAX: 614/764-6096. U.S. DEPT. OF THE INTERIOR, Geological Survey, Water Resources Scientific Information Center, 425 National Center, Reston, VA 22092, USA. Telephone: 703/648-6820.
Type	Bibliographic and Referral.
Language .	Primarily English
Subject	Earth-Sciences; Information-Systems-Services-Directories; Library-Holdings-Catalogs; Maps-Map-Data-U-S.
Corresponding printed source	Earth Science Data Directory GEOINDEX U.S. Geological Survey, Library catalog.
Coverage	International
Time Span	1975 to date
Updating	Quarterly

Title of database	Ei CHEMDISC TRADEMARK.
Producer	Engineering Information, Inc. (EI).
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-4069. E-mail: DIALMAIL: MARKETING. ENGINEERING INFORMATION, Inc., 345 East 47th Street, New York, NY 10017, USA. Telephone: 212/705-7600; 800/221-1044. Telex: 4990438. FAX: 212/832-1857.
Type	Bibliographic.
Language	English
Subject	Conferences-Meetings; Engineering.
Corresponding online source	COMPENDEX Ei ENGINEERING MEETINGS
Corresponding printed source	Engineering Information, Inc., The Engineering Index Annual; Engineering Information, Inc., The Engineering Index Monthly.
Coverage	U.S.
Time Span	1980 to date
Updating	Quarterly

Title of database	ENVIRO/ENERGYLINE ABSTRACTS PLUS TRADEMARK.
Producer	Bowker A & I Publishing.
Host	Bowker Electronic Publishing.
Vendor	BOWKER ELECTRONIC PUBLISHING, 245 West 17th Street, New York, NY 10011, USA. Telephone: 212/337-6989 (in NY); 212/337-6992; 800 /323-3288. Telex: 127703. FAX: 212/645-0475. BOWKER A & I PUBLISHING, The Abstracting and Indexing Division of R.R. Bowker, 245 West 17th Street, New York, NY 10011, USA. Telephone: 212/463-6889; 800/322-5006. FAX: 212/645-0475.
Type	Bibliographic.
Language	English
Subject	Energy; Environment-Environmental-Policy.
Corresponding online source	ACID RAIN; ENERGYLINE; ENVIROLINE
Corresponding printed source	R.R. Bowker, Acid Rain Abstracts; R.R. Bowker, Energy Information Abstracts; R.R. Bowker, Environment Abstracts.
Coverage	International
Time Span	Varies by database
Updating	Quarterly

Title of database	ENVIRONMENT LIBRARY.
Producer	Library of Congress (LC).
Host	OCLC Online Computer Library Center, Inc.
Vendor	LIBRARY OF CONGRESS (LC), Washington, DC 20541, USA. Telephone: 202 /707-6100. OCLC ONLINE COMPUTER LIBRARY CENTER, Inc., 6565 Frantz Road, Dublin, OH 43017, USA. Telephone: 614/764-6000. TWX: 810-339- 2026. FAX: 614/764-6096.
Type	Bibliographic.
Language	Primarily English
Subject	Environment-Environmental-Policy; Library-Aids-Cataloging; Library- Holdings-Catalogs.
Corresponding online source	OCLC ONLINE UNION CATALOG.
Coverage	International
Time Span	1960 to date
Updating	Annually

Title of database	ENVIRONMENTAL PERIODICALS BIBLIOGRAPHY.
Producer	Environmental Studies Institute.
Host	National Information Services Corporation NISC.
Vendor	ENVIRONMENTAL STUDIES INSTITUTE, International Academy at Santa Barbara, 800 Garden Street, Suite D, Santa Barbara, CA 93101, USA. Telephone: 805/965-5010. NATIONAL INFORMATION SERVICES CORPORATION (NISC), Wyman Towers, Suite 6, 3100 St. Paul Street, Baltimore, MD 21218, USA. Telephone: 301 /243-0797. FAX: 301/243-0982.
Type	Bibliographic.
Language	English
Subject	Environment-Environmental-Policy.
Corresponding online source	ENVIRONMENTAL BIBLIOGRAPHY
Corresponding printed source	Environmental Studies Institute, Environmental Periodicals Bibliography.
Coverage	International
Time Span	1973 to date
Updating	Every 6 months

Title of database	GEOREF TRADEMARK ON CD-ROM.
Producer	American Geological Institute (AGI).
Host	SilverPlatter Information, Inc.
Vendor	AMERICAN GEOLOGICAL INSTITUTE, GeoRef Information System, 4220 King Street, Alexandria, VA 22302-1507, USA. Telephone: 703/379- 2480; 800 /336-4764. FAX: 703/379-7563. SILVERPLATTER INFORMATION, Inc., One Newton Executive Park, Newton Lower Falls, MA 02162-1449, USA. Telephone: 617/969-2332; 800 /343-0064. FAX: 617/969-5554.
Type	Bibliographic.
Language	English, with some titles also in original languages.
Subject	Earth-Sciences.
Corresponding online source	GeoRef
Corresponding printed source	American Geological Institute, Bibliography and Index of Geology; American Geological Institute, Bibliography and Index of Micropaleontology American Geological Institute, Bibliography and Index of North American Geology American Geological Institute, Bibliography and Index of Geology Exclusive of North America; American Geological Institute, Bibliography of Theses in Geology; American Geological Institute, Geophysical Abstracts.
Coverage	International
Time Span	North America, 1785 to date; elsewhere, 1933 to date.
Updating	About 20,000 records a quarter

Title of database	HYDRODATA TRADEMARK.
Producer	EarthInfo Inc., with data provided by U.S. Department of the Interior, Geological Survey (USGS).
Host	EarthInfo Inc.
Vendor	EARTHINFO INC., 5541 Central Avenue, Boulder, 80301, USA. Telephone: 303/370-1460; 303/938-1788; 800/222-0920. U.S. DEPT. OF THE INTERIOR, Geological Survey, Water Resources Scientific Information Center, 425 National Center, Reston, VA 22092, USA. Telephone: 703/648-6820.
Type	Numeric.
Subject	Environment-Environmental-Policy; Meteorology; Water-Resources-Management.
Corresponding printed source	U.S. Geological Survey, Daily Water Volume publications Environment Canada, HYDAT database U.S. Geological Survey, WATSTORE database subscription to Colorado Water Rights Tabulations, \$895. Multiple order or renewal subscription discounts available.
Coverage	U.S.
Time Span	Varies, with earliest data from 1850
Updating	Most files, annually; Colorado Water Rights Tabulations, every 2 years.

Title of database	INFOTERRA Data Base
Producer	UNEP, Office of the Environment Programme
Host	
Vendor	INFOTERRA, Contact Mr. W. Lee, Director, INFOTERRA, UNEP, PO Box 30552, Nairobi, Kenya
Type	Bibliographic; full text
Language	English, French, Russian, Spanish
Subject	Water resources, agricultural resources, ecology, environmental protection
Corresponding online source	
Corresponding printed source	
Coverage	International
Time Span	from 1977
Updating	

Title of database	KIRK-OTHMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY.
Producer	John Wiley & Sons, Inc.
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-4069. E-mail: DIALMAIL: MARKETING. JOHN WILEY & SONS, Inc., 605 Third Avenue, 5th Floor, New York, NY 10158, USA. Telephone: 212/850-6000. Telex: 127063.
Type	Bibliographic, Full Text, and Textual-Numeric.
Language	English
Subject	Chemicals; Chemistry; Engineering.
Corresponding online source	KIRK-OTHMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY
Corresponding printed source	John Wiley & Sons, Inc., Kirk-Othmer Encyclopedia of Chemical Technology.
Coverage	International
Time Span	Current edition
Updating	Not updated

Title of database	NATURAL RESOURCES METABASE.
Producer	National Information Services Corporation, with data provided by the U.S. Department of the Interior, Fish and Wildlife Service (FWS), and other state, federal, and private agencies.
Host	National Information Services Corporation NISC.
Vendor	NATIONAL INFORMATION SERVICES CORPORATION (NISC), Wyman Towers, Suite 6, 3100 St. Paul Street, Baltimore, MD 21218, USA. Telephone: 301 /243-0797. FAX: 301/243-0982.
Type	Bibliographic and Referral.
Language	English
Subject	Aquatic-Sciences; Environment-Environmental-Policy; Life-Sciences; Water-Resources-Management.
Corresponding online source	WETLAND VALUES BIBLIOGRAPHIC DATABASE
Corresponding printed source	Habitat Abstracts U.S. Department of the Interior, Fish and Wildlife Service, R & D Reports.
Coverage	Primarily North America
Time Span	Varies by file, with earliest materials from 1927
Updating	Twice a year

Title of database	NTIS; National Technical Information Service.
Producer	National Technical Information Service (NTIS).
Host	SilverPlatter Information, Inc.
Vendor	NATIONAL TECHNICAL INFORMATION SERVICE, Office of Product Management, F300, 5285 Port Royal Road, Springfield, VA 22161, USA. Telephone: 703/487-4929; 800/336-4700. Telex: 899405. FAX: 703/321-8199; 703 /321-8547. SILVERPLATTER INFORMATION, Inc., One Newton Executive Park, Newton Lower Falls, MA 02162-1449, USA. Telephone: 617/969-2332; 800 /343-0064. FAX: 617/969-5554.
Type	Bibliographic. Corresponds in part to the biweekly publication Government Reports Announcements & Index (GRA&I), to the weekly NTIS Abstract Newsletters, and to the NTIS online database. Corresponding online source: NTIS Corresponding printed source: Government Reports Announcements & Index NTIS Abstract Newsletters.
Language	English
Subject	Science-Technology.
Coverage	Primarily U.S., with some international coverage
Time Span	1983 to date
Updating	Quarterly

Title of database	NTIS; National Technical Information Service.
Producer	National Technical Information Service (NTIS).
Host	OCLC Online Computer Library Center, Inc.
Vendor	NATIONAL TECHNICAL INFORMATION SERVICE, Office of Product Management, F300, 5285 Port Royal Road, Springfield, VA 22161, USA. Telephone: 703/487-4929; 800/336-4700. Telex: 899405. FAX: 703/321-8199; 703 /321-8547. OCLC ONLINE COMPUTER LIBRARY CENTER, Inc., 6565 Frantz Road, Dublin, OH 43017-0702, USA. Telephone: 614/764-6000; 800/848-5878; 800 /848-8286 (in OH). TWX: 810-339-2026. FAX: 614/764-6096.
Type	Bibliographic. Corresponds in part to the biweekly publication Government Reports Announcements & Index (GRA&I), to the weekly Abstract Newsletters, and to the NTIS online database. Corresponding online source: NTIS . Corresponding printed source: Government Reports Announcements & Index NTIS Abstract Newsletters.
Language	English
Subject	Science-Technology.
Coverage	Primarily U.S., with some international coverage
Time Span	Current disc, 1988 to date; archival discs, 1983 to 1985 and 1986 to 1987.
Updating	Quarterly

Title of database	NTIS; National Technical Information Service;
Producer	National Technical Information Service (NTIS).
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. NATIONAL TECHNICAL INFORMATION SERVICE, Office of Product Management, F300, 5285 Port Royal Road, Springfield, VA 22161, USA. Telephone: 703/487-4929; 800/336-4700. Telex: 899405. FAX: 703/321-8199; 703 /321-8547.
Type	Bibliographic. Corresponds in part to the biweekly publication Government Reports Announcements & Index (GRA&I), to the weekly Abstract Newsletters, and to the NTIS online database. Corresponding online source: NTIS . Corresponding printed source: Government Reports Announcements & Index NTIS Abstract Newsletters.
Language	English
Subject	Science-Technology.
Coverage	Primarily U.S., with some international coverage
Time Span	1980 to date
Updating	Quarterly

Title of database	PASCAL.
Producer	Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique and others.
Host	Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique CNRS/INIST.
Vendor	<p>AMERICAN GEOLOGICAL INSTITUTE, GeoRef Information System, 4220 King Street, Alexandria, VA 22302-1507, USA. Telephone: 703/379-2480; 800 /336-4764. FAX: 703/379-7563.</p> <p>BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES (BRGM), B.P. 6009, 45060 Orleans Cedex, France. Telephone: 33 (38) 64 30 98; 33 (38) 64 38 09; 33 (38) 64 34 34. Telex: 780258 BRGMA F.</p> <p>CENTRE DE DOCUMENTATION DES INDUSTRIES UTILISATRICES DE PRODUITS AGRICOLES (CDIUPA), 1 avenue des Olympiades, 91300 Massy, France. Telephone: 33 (1) 69 20 97 38. FAX: 33 (1) 60 11 75 85.</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, Institut de l'Information Scientifique et Technique (CNRS/INIST), Chateau du Montet, 54514 Vandoeuvre-les-Nancy Cedex, France. Telephone: 33 (1) 83 53 29 00. Telex: 220880 CNRSDOC F. FAX: 33 (1) 83 57 63 09. E-mail: DIALMAIL: PASCAL.</p> <p>CENTRE SCIENTIFIQUE ET TECHNIQUE DE LA CONSTRUCTION-BRUXELLES (CSTC), 41 rue du Lombard, 1000 Brussels, Belgium. Telephone: 32 (2) 511 06 83. CENTRE SCIENTIFIQUE ET</p> <p>TECHNIQUE DU BATIMENT (CSTB), 4 Avenue du Recteur Poincare, 75016 Paris Cedex 16, France. Telephone: 33 (1) 40 50 28 28. Telex: 610710 PAR F. FAX: 33 (1) 45 25 61 51.</p> <p>ECOLE D'ARCHITECTURE DE PARIS-LA VILLETTE (EAPLV), 144 rue de Flandre, 75019 Paris, France. Telephone: 33 (1) 42 45 74 91.</p> <p>ECOLE NATIONALE DES PONTS ET CHAUSSEES (ENPC), 28 rue des Saints Peres, 75007 Paris, France.</p> <p>FEDERATION NATIONALE DU BATIMENT-DIRECTION DE LA RECHERCHE (FNB-DR), Domaine de Saint-Paul, BP 1, 78470 Saint-Remy-les-Chevreuse, France. Telephone: 33 (1) 30 52 92 00. FAX: 33 (1) 30 52 75 75.</p> <p>INSTITUT FRANCAIS DU PETROLE (IFP), Direction de l'Economie et de la Documentation, 1-4 avenue de Bois-Preau, B.P. 311, 92506 Rueil Malmaison Cedex, France. Telephone: 33 (1) 47 49 02 14. Telex: 203050 IFP A F. FAX: 33 (1) 47 52 64 29.</p> <p>INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), Route de Saint- Cyr, 78000 Versailles, France. Telephone: 33 (1) 30 21 74 22. Telex: 695269</p> <p>INFRAVER F. LABORATOIRE CENTRAL DES PONTS ET CHAUSSEES (LCPC), 58 boulevard Lefebvre, 75015 Paris, France. Telephone: 33 (1) 48 56 50 00. Telex: 200361 LCPARI F.</p>
Type	Bibliographic.
Language	French, with titles and keywords also in English and Spanish

Subject	Agriculture; Biomedicine; Biotechnology; Construction; Earth- Sciences; Energy; Engineering; Food-Sciences-Nutrition; Library- Information- Science; Life-Sciences; Metallurgy; Science-Technology; Urban-Regional- Planning.
Corresponding online source	IALINE PASCAL PASCAL: AGROLINE PASCAL: BATIMENT, TRAVAUX PUBLICS PASCAL: BIOTECHNOLOGIES PASCAL: ENERGIE PASCAL: GEODE PASCAL: MEDECINE TROPICALE PASCAL: METAUX, METALLURGIE PASCAL: SCIENCES DE L'INFORMATION, DOCUMENTATION PASCAL: ZOOLINE
Corresponding printed source	PASCAL SIGMA 1: Sciences exactes et technologie Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL SIGMA 2: Sciences de la vie I Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL SIGMA 3: Sciences de la vie II Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 022: Sciences de la terre Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 205: Sciences de l'information, documentation Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 210: Industries Agro-Alimentaires Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 215: Biotechnologies Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 230: Energie Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 235: Medecine tropicale Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 240: Metaux, Metallurgie Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 260: Zoologie fondamentale et appliquee des Invertebres (milieu terrestre, eaux douces) Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 280: Sciences agronomiques productions vegetales Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique, PASCAL THEMA 295: Batiment, travaux publics. Notes

Coverage	International
Time Span	Current disc, 1990 to date; archival disc, 1987 to 1989.
Updating	About 225,000 records every 6 months

Title of database	PolTox: Pollution and Toxicology Abstracts on CD-ROM.
Producer	Cambridge Scientific Abstracts, with some data provided by others.
Host	Cambridge Scientific Abstracts.

Vendor	<p>CAMBRIDGE SCIENTIFIC ABSTRACTS (CSA), 7200 Wisconsin Avenue, Bethesda, MD 20814, USA. Telephone: 301/961-6750; 800/843-7751. TWX: 910-250-7547 CAMBMD. FAX: 301/961-6720.</p> <p>FOOD AND DRUG ADMINISTRATION (FDA), Center for Food Safety, 5600 Fishers Lane, Rockville, MD 20857, USA. Telephone: 301/443-1544.</p> <p>INTERNATIONAL FOOD INFORMATION SERVICE GMBH, Melibocusstrasse 52, 6000 Frankfurt am Main 71, Federal Republic of Germany. Telephone: 49 (69) 669 007-0. FAX: 49 (69) 669 007-10. E-mail: DIALMAIL: 14423; DATAMAIL: DIFISFRG.</p> <p>INTERNATIONAL OCCUPATIONAL SAFETY AND HEALTH INFORMATION CENTRE (CIS) , International Labour Office, 1211 Geneva 22, Switzerland. Telephone: 41 (22) 99 67 40. Telex: 22271 BIT CH. FAX: 41 (22) 98 86 85.</p> <p>NATIONAL LIBRARY OF MEDICINE, Toxicology Information Program, 8600 Rockville Pike, Bethesda, MD 20894, USA. Telephone: 301/496-6193; 800 /638-8480.</p> <p>NATIONAL TECHNICAL INFORMATION SERVICE, Office of Product Management, F300, 5285 Port Royal Road, Springfield, VA 22161, USA. Telephone: 703/487-4929; 800/336-4700. Telex: 899405. FAX: 703/321-8199; 703 /321-8547.</p> <p>OAK RIDGE NATIONAL LABORATORY, Environmental Mutagen Information Center, Building 2001, P.O. Box 2008, Oak Ridge, TN 37831-6050, USA. Telephone: 615/574-7871.</p> <p>OAK RIDGE NATIONAL LABORATORY, Environmental Teratology Information Center, Building 2001, P.O. Box 2008, Oak Ridge, TN 37831-6050, USA. Telephone: 615/574-7871.</p> <p>U.S. DEFENSE LOGISTICS AGENCY, Hazardous Materials Technical Center, Room 3A150, Cameron Station, Alexandria, VA 22304-6100, USA. Telephone: 202/274-6000; 202/274-6001.</p> <p>U.S. DEPT. OF HEALTH AND HUMAN SERVICES, Centers for Disease Control, National Institute for Occupational Safety and Health (NIOSH), 4676 Columbia Parkway, Cincinnati, OH 45226. Telephone: 513/533-8317.</p> <p>U.S. DEPT. OF HEALTH AND HUMAN SERVICES, Centers for Disease Control, National Institute for Occupational Safety and Health, Registry of Toxic Effects of Chemical Substances (RTECS), 4676 Columbia Parkway, Cincinnati, OH 45226, USA. Telephone: 513/533-8317.</p> <p>U.S. ENVIRONMENTAL PROTECTION AGENCY, Office of Pesticides and Toxic Substances, Public Data Branch, 401 M Street, SW, TS793 (B002 N.E. Mall), Washington, DC 20460, USA. Telephone: 202/382-3524. Telex: 892758.</p> <p>U.S. NATIONAL INSTITUTES OF HEALTH (NIH), Division of Research Grants, Westwood Building, 533 Westbard Ave., Bethesda, MD 20892. Telephone: 301/496-7543; 301/496-4000.</p>
Type	Bibliographic.
Language	English

Subject	Biomedicine; Chemical-Industry; Environment-Environmental-Policy; Food-Sciences-Nutrition; Occupational-Safety-Health; Pesticides; Research-in-Progress; Safety; Toxicology; Waste-Management.
Corresponding online source	ANEUPLOIDY CISDOC CRISP EMICBACK ETICBACK EPIDEMIOLOGY INFORMATION SYSTEM FSTA HEALTH AND SAFETY SCIENCE ABSTRACTS MEDLINE NIOSHTIC NTIS POLLUTION ABSTRACTS TOXLINE TSCATS
Corresponding printed source	CIS Abstracts Ecology Abstracts International Food Information Service GmbH, Food Science and Technology Abstracts Government Reports Announcements & Index HMTC Abstract Bulletin Health and Safety Science Abstracts Pesticides Abstracts Pollution Abstracts Toxicology Abstracts.
Coverage	U.S.
Time Span	Varies by file (see Content)
Updating	Quarterly

Title of database	SELECTED WATER RESOURCES ABSTRACTS.
Producer	U.S. Department of the Interior, Geological Survey (USGS).
Host	OCLC Online Computer Library Center, Inc.
Vendor	OCLC ONLINE COMPUTER LIBRARY CENTER, Inc., 6565 Frantz Road, Dublin, OH 43017, USA. Telephone: 614/764-6000; 800/848-5878; 800/848-8286 (in OH). TWX: 810-339-2026. FAX: 614/764-6096. U.S. DEPT. OF THE INTERIOR, Geological Survey, Water Resources Scientific Information Center, 425 National Center, Reston, VA 22092, USA. Telephone: 703/648-6820.
Type	Bibliographic.
Language	English
Subject	Aquatic-Sciences; Water-Resources-Management.
Corresponding online source	WATER RESOURCES ABSTRACTS
Corresponding printed source	Selected Water Resources Abstracts.
Coverage	International
Time Span	1968 to date
Updating	Quarterly

Title of database	TOMES PLUS TRADEMARK.
Producer	Micromedex, Inc. and others.
Host	Micromedex, Inc.
Vendor	MICROMEDEX, Inc., 600 Grant Street, Denver,
Producer	80203-3527, USA. Telephone: 303/831-1400; 800/525-9083. Telex: 703618 MEDEX UD. FAX: 303/837-1717. NATIONAL LIBRARY OF MEDICINE, Toxicology Information Program, 8600 Rockville Pike, Bethesda, MD 20894, USA. Telephone: 301/496-6193; 800 /638-8480. U.S. COAST GUARD, G-MTH-1, 2100 2nd Street, SW, Washington, DC 20593-0001, USA. Telephone: 202/267-1217. FAX: 202/267-0025. U.S. DEPT. OF TRANSPORTATION, Data Administration Division, DIA-20, Room 4123, Office of Aviation Information Management, RSPA, DOT, 400 Seventh Street, SW, Washington, DC 20590, USA. U.S. ENVIRONMENTAL PROTECTION AGENCY, Emergency Response Division, WH-562A, 401 M Street, SW, Washington, DC 20460, USA. Telephone: 202 /382-2190; 202/479-2449; 800/535-0202.
Type	Bibliographic and Textual-Numeric.
Language	English
Subject	Chemicals; Occupational-Safety-Health; Safety; Toxicology; Waste- Management.
Corresponding online source	CHEMICAL HAZARDS RESPONSE INFORMATION SYSTEM HSDB OHM-TADS.
Coverage	U.S.
Time Span	1989 to date
Updating	Quarterly

Title of database	TROPAG & RURAL; RURAL; TROPAG; KIT ABSTRACTS; KONINKLIJK INSTITUUT VOOR DE TROPEN ABSTRACTS; RURAL DEVELOPMENT; TROPICAL AGRICULTURE.
Producer	Royal Tropical Institute (KIT).
Host	SilverPlatter Information, Inc.
Vendor	ROYAL TROPICAL INSTITUTE, Information & Documentation, Mauritskade 63, 1092 AD Amsterdam, The Netherlands. Telephone: 31 (20) 568 82 98. Telex: 15080 KIT NL. FAX: 31 (20) 568 84 44. SILVERPLATTER INFORMATION, Inc., One Newton Executive Park, Newton Lower Falls, MA 02162-1449, USA. Telephone: 617/969-2332; 800 /343-0064. FAX: 617/969-5554.
Type	Bibliographic. Corresponding online source: TROPAG Corresponding printed source: Royal Tropical Institute, Abstracts on Tropical Agriculture Royal Tropical Institute, Abstracts on Rural Development in the Tropics.
Language	English
Subject	Agriculture; Environment-Environmental-Policy; Geography.
Coverage	International
Time Span	ATA, 1975 to date; RURAL, 1985 to date.
Updating	Twice a year

Title of database	WATER RESOURCES ABSTRACTS--VOLUME I.
Producer	U.S. Department of the Interior, Geological Survey (USGS).
Host	National Information Services Corporation
Vendor	NISC. NATIONAL INFORMATION SERVICES CORPORATION (NISC), Wyman Towers, Suite 6, 3100 St. Paul Street, Baltimore, MD 21218, USA. Telephone: 301 /243-0797. FAX: 301/243-0982. U.S. DEPT. OF THE INTERIOR, Geological Survey, Water Resources Scientific Information Center, 425 National Center, Reston, VA 22092, USA. Telephone: 703/648-6820
Type	Bibliographic.
Language	English
Subject	Aquatic-Sciences; Water-Resources-Management.
Corresponding online source	WATER RESOURCES ABSTRACTS
Corresponding printed source	Selected Water Resources Abstracts.
Coverage	International
Time Span	1967 to date
Updating	Quarterly

The online databases

Title of database	ACID RAIN
Producer	R.R. Bowker.
Host	Data-Star DIMDI ESA-IRS.
Vendor	<p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London W1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIMDI, Weisshausstrasse 27, Postfach 420580, 5000 Cologne 41, Federal Republic of Germany. Telephone: 49 (221) 47 24 - 1. Telex: 8881364 DIM D. FAX: 49 (221) 411 429.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>R.R. BOWKER, Bowker Electronic Publishing, 121 Chanlon Road, New Providence, NJ 07974, USA. Telephone: 908/665-2861; 800/323-3288. Telex: 127703. FAX: 908/665-6688. E-mail: DIALMAIL: 12804.</p>
Type	Reference (Bibliographic).
Language	English
Subject	Environment.
Coverage	International
Time Span	1984 to date
Updating	ESA-IRS, monthly; Data-Star and DIMDI, every 2 months.

Title of database	AFEE.
Producer	Association Francaise pour l'Etude des Eaux.
Host	ESA-IRS.
Vendor	ASSOCIATION FRANCAISE POUR L'ETUDE DES EAUX, Place Sophie-Laffitte, Sophia Antipolis, 06565 Valbonne Cedex, France. Telephone: 33 (93) 65 42 42. ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.
Type	Reference (Bibliographic).
Language	French
Subject	Aquatic-Sciences; Water-Resources-Management.
Coverage	International
Time Span	1970 to date
Updating	About 420 records a month

Title of database	AGE; ASIAN GEOTECHNOLOGY;
Producer	Asian Institute of Technology, Asian Geotechnical Engineering Information Center.
Host	Asian Institute of Technology ESA-IRS.
Vendor	<p>ASIAN INSTITUTE OF TECHNOLOGY, Asian Geotechnical Engineering Information Center (AGE), P.O. Box 2754, Bangkok 10501, Thailand. Telephone: 66 (2) 5160110-44 x5862. Telex: 84276 AIT TH. FAX: 66 (2) 5162126.</p> <p>ASIAN INSTITUTE OF TECHNOLOGY, P.O. Box 2754, Bangkok 10501, Thailand. Telephone: 66 (2) 5290100-13. Telex: 84276 AIT TH. FAX: 66 (2) 5290374.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.Type</p>
Reference	(Bibliographic)
Language	English
Subject	Earth-Sciences; Engineering.
Coverage	International
Time Span	1973 to date
Updating	About 80 items a week

Title of database	AGRICOLA
Producer	U.S. Department of Agriculture (USDA), National Agricultural Library.
Host	BRS; BRS/After Dark; BRS Colleague; DIALOG Information Services, Inc.; DIMDI; Knowledge Index
Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102. Telephone: 703/442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS/AFTER DARK, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>DIMDI, Weisshausstrasse 27, Postfach 420580, 5000 Cologne 41, Federal Republic of Germany. Telephone: 49 (221) 47 24 - 1. Telex: 8881364 DIM D. FAX: 49 (221) 411 429.</p> <p>KNOWLEDGE INDEX, DIALOG Information Services, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800 /334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415/858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>U.S. DEPT. OF AGRICULTURE (USDA), National Agricultural Library, Information Systems Division, 10301 Baltimore Blvd., 5th Floor, Beltsville, MD 20705, USA. Telephone: 301/344-3813. FAX: 301 /344-5473. E-mail: ALANET: ALA 1029; Dialcom: AGS3086.</p>
Type	Reference (Bibliographic).
Language	English, with titles also in original languages.
Subject	Agriculture; Food-Sciences-Nutrition.
Coverage	International
Time Span	BRS, BRS/After Dark, BRS Colleague, and DIALOG, 1970 to date; Knowledge Index, 1979 to date; DIMDI, 1983 to date.
Updating	About 9000 records a month

Title of database	AGRIS; International Information System for the Agricultural Sciences and Technology;
Producer	Food and Agriculture Organization of the United Nations (FAO), AGRIS Coordinating Centre.
Host	DIALOG Information Services, Inc.; DIMDI; ESA-IRS; International Atomic Energy Agency; Life Science Network.
Vendor	<p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>DIMDI, Weissshausstrasse 27, Postfach 420580, 5000 Cologne 41, Federal Republic of Germany. Telephone: 49 (221) 47 24 - 1. Telex: 8881364 DIM D. FAX: 49 (221) 411 429.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, AGRIS Coordinating Centre, Via delle Terme di Caracalla, 00100 Rome, Italy. Telex: 610181 FAO I. FAX: 39 (6) 57 97 31 50. E-mail: EARN/BITNET: GILSN2 @ IRMFAO01.</p> <p>INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA), Vienna International Centre, P.O. Box 100, Wagramerstrasse 5, 1400 Vienna, Austria. Telephone: 43 (1) 2360 2789. Telex: 112645 A. FAX: 43 (1) 23 45 64. E-mail: EARN/BITNET: NIU @ IAEA1. LIFE SCIENCE NETWORK, A Service of BIOSIS, 2100 Arch Street, Philadelphia, PA 19103-1399, USA. Telephone: 215/587-4800; 800 /523-4806. Telex: 831739. FAX: 215/587-2016. E-mail: EasyLink: G 2889584.</p>
Type	Reference (Bibliographic), Corresponds to the monthly Agrindex.
Language	English
Subject	Agriculture.
Coverage	International
Time Span:	1975 to date
Updating	About 10,000 records a month

Title of database	AIR/WATER POLLUTION REPORT.
Producer	Produced and supplied to NewsNet, Inc. by Business Publishers, Inc.; supplied to Data-Star and DIALOG Information Services, Inc. by Predicasts.
Host	Data-Star; DIALOG Information Services, Inc.; NewsNet, Inc.
Vendor	<p>BUSINESS PUBLISHERS, Inc., 951 Pershing Drive, Silver Spring, MD 20910, USA. Telephone: 301/587-6300. FAX: 301/587-1081.</p> <p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>NEWSNET, Inc., 945 Haverford Road, Bryn Mawr, PA 19010, USA. Telephone: 215/527-8030; 800/345-1301. FAX: 215/527-0338.</p> <p>PREDICASTS, 11001 Cedar Avenue, Cleveland, OH 44106, USA. Telephone: 216/795-3000; 800/321-6388. Telex: 985604. FAX: 216/229-9944. E-mail: DIALMAIL: 14294.</p>
Type	Source (Full Text).
Language	English
Subject	Environment.
Coverage	U.S.
Time Span	NewsNet, 1982 to date; Data-Star and DIALOG, 1988 to date.
Updating	<p>DIALOG, as new data are added to the next daily update of PTS NEWSLETTER DATABASE;</p> <p>Data-Star, as new data are added to the next weekly update of PTS NEWSLETTER DATABASE;</p> <p>NewsNet, weekly as new data are released.</p>

Title of database	AQUA II.
Producer	Institution of Chemical Engineers (ICE).
Host	HTFS Power Computing Technical Database Services, Inc.
Vendor	<p>HTFS, Chalk River Laboratory, Chalk River, Ontario K0J 1J0, Canada. Telephone: 613/584-4554. Telex: 05334555. FAX: 613/589-2039.</p> <p>INSTITUTION OF CHEMICAL ENGINEERS (ICE), PPDS Dept., George E. Davis Building, 165-171 Railway Terrace, Rugby, Warwickshire CV21 3HQ, England. Telephone: 44 (788) 78214. Telex: 311780 ICHEME G. FAX: 44 (788) 60833.</p> <p>POWER COMPUTING, 2525 Washington Street, Kansas City, MO 64108, USA. Telephone: 816/221-9700.</p> <p>TECHNICAL DATABASE SERVICES, Inc., 10 Columbus Circle, Suite 2300, New York, NY 10019, USA. Telephone: 212/245-0044. Telex: 6714962. FAX: 212/247-0587.</p>
Type	Source (Numeric).
Subject	Chemistry-Properties.
Updating	Annually

Title of database	AQUACULTURE
Producer	National Oceanic and Atmospheric Administration, National Environmental Data Referral Service (NOAA/NEDRES).
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, National Environmental Data Referral Service, 1825 Connecticut Avenue, NW, Washington, DC 20235, USA. Telephone: 202/673-5548. FAX: 202 /673-5586. E-mail: OMNET: G.BARTON; NASA/SPAN: NODC::BARTON.
Type	Reference (Bibliographic).
Language	English
Subject	Aquatic-Sciences.
Coverage	International
Time Span:	1970 to January 1984
Updating	Not updated

Title of database	AQUALINE TRADEMARK.
Producer	Water Research Centre (WRC).
Host	ORBIT Search Service.
Vendor	ORBIT SEARCH SERVICE, A division of MaxwellOnline, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632. WATER RESEARCH CENTRE, Stevenage Laboratory, Elder Way, Stevenage, Hertfordshire SG1 1TH, England. Telephone: 44 (438) 312444. Telex: 826168 G. FAX: 44 (438) 315694.
Type	Reference (Bibliographic).
Language	English
Subject	Water-Resources-Management.
Coverage	International
Time Span	1960 to date
Updating	Every 2 weeks; about 8000 records a year.

Title of database	AQUAREF.
Producer	Environment Canada, WATDOC, Inland Waters Directorate.
Host	CISTI, Canadian Online Enquiry Service CAN/OLE.
Vendor	CISTI, Canadian Online Enquiry Service (CAN/OLE), National Research Council Canada, Ottawa, Ontario K1A 0S2, Canada. Telephone: 613 /993-1210. Telex: 0533115 CA. FAX: 613/952-8244. E-mail: Envoy 100: CISTI.CLIENT.SERV; iNet 2000: B.Bullock. ENVIRONMENT CANADA, WATDOC, Inland Waters Directorate, Ottawa, Ontario K1A 0H3, Canada. Telephone: 819/997-2324. FAX: 819/999-8701.
Type	Reference (Bibliographic).
Language	English and French
Subject	Aquatic-Sciences; Water-Resources-Management.
Coverage	Canada
Time Span	1970 to date
Updating	Every 2 months

Title of database	AQUATIC SCIENCES AND FISHERIES ABSTRACTS.
Producer	Cambridge Scientific Abstracts, on behalf of the Food and Agriculture Organization (FAO) of the United Nations, Fishery Information, Data and Statistics Service; Intergovernmental Oceanographic Commission; United Nations Environment Program; United Nations, Office for Ocean Affairs and the Law of the Sea.
Host	BRS; BRS/After Dark; BRS Colleague; CISTI, Canadian Online Enquiry Service; DIALOG Information Services, Inc.; DIMDI; ESA-IRS; Universidad Nacional Autonoma de Mexico, Servicio de Consulta a Bancos de Informacion; CAN/OLE; SECOBI.

Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102. Telephone: 703/442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS/AFTER DARK, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>CAMBRIDGE SCIENTIFIC ABSTRACTS (CSA), 7200 Wisconsin Avenue, #601, Bethesda, MD 20814, USA. Telephone: 301/961-6750; 800/843-7751. TWX: 910-250-7547 CAMBMD. FAX: 301/961-6720.</p> <p>CISTI, CanadianOnline Enquiry Service (CAN/OLE), National Research Council Canada, Ottawa, Ontario K1A 0S2, Canada. Telephone: 613 /993-1210. Telex: 0533115 CA. FAX: 613/952-8244. E-mail: Envoy 100: CISTI.CLIENT.SERV; iNet 2000: B.Bullock.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>DIMDI, Weisshausstrasse 27, Postfach 420580, 5000 Cologne 41, Federal Republic of Germany. Telephone: 49 (221) 47 24 - 1. Telex: 8881364 DIM D. FAX: 49 (221) 411 429.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS, Fishery Information, Data and Statistics Service, Via delle Terme di Caracalla, 00100 Rome, Italy. Telephone: 39 (6) 57 97 64 14. Telex: 610181 FAO I. FAX: 39 (6) 57 82 61 0; 39 (6) 57 97 31 52.</p> <p>INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION, Unesco, 7 place de Fontenoy, 75700 Paris, France. Telephone: 33 (1) 45 68 40 08. Telex: 204461 F. UNITED NATIONS, Office for Ocean Affairs and the Law of the Sea, 2 United Nations Plaza, New York, NY 10017, USA. Telephone: 212 /963-3926. FAX: 212/963-5847.</p> <p>UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (UNAM), Servicio de Consulta a Bancos de Informacion (SECOBI), Ciudad Universitaria, Circuito Exterior, 04510 Mexico, DF, Mexico. Telephone: 52 (5) 50 52 15 x4992. Telex: 1774523 UNAM ME.</p>
Type	Reference (Bibliographic).
Language	English, with titles also in original languages.
Subject	Aquatic-Sciences.
Coverage	International
Time Span	Varies by online service
Updating	About 3000 records a month

Title of database	AUSTRALIAN EARTH SCIENCES INFORMATION SYSTEM.
Producer	Australian Mineral Foundation (AMF).
Host	INFO-ONE International.
Vendor	AUSTRALIAN MINERAL FOUNDATION, 63 Conyngham Street, Glenside, South Australia 5065, Australia. Telephone: 61 (8) 379-0444. Telex: 87437 AMFINC AA. FAX: 61 (8) 79-4634. INFO-ONE INTERNATIONAL, 7th Floor, 77 Pacific Highway, North Sydney, NSW 2060, Australia. Telephone: 61 (2) 959-5075; 008/02-2280. Telex: 21885 FHP AA. FAX: 61 (2) 929-5127.
Type	Reference (Bibliographic).
Language	English
Subject	Earth-Sciences; Minerals-Minerals-Industry; Mining-Mining-Industry.
Coverage	Australia and Papua New Guinea
Time Span	1975 to date, with selected unpublished literature prior to 1975
Updating	About 1500 records a quarter

Title of database	BANQUE DES DONNEES DU SOUS-SOL FRANCAIS.
Producer	Bureau de Recherches Geologiques et Minieres.
Host	Bureau de Recherches Geologiques et Minieres.
Vendor	BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES (BRGM), B.P. 6009, 45060 Orleans Cedex, France. Telephone: 33 (38) 64 30 98; 33 (38) 64 38 09; 33 (38) 64 34 34. Telex: 780258 BRGMA F.
Type	Reference (Bibliographic); Source (Textual-Numeric).
Language	French
Subject	Earth-Sciences.
Coverage	France, the French Antilles, French Guiana, and Reunion
Time Span	1968 to date
Updating	Periodically, as new data become available; about 12,000 records a year.

Title of database	BIOSIS PREVIEWS
Producer	BIOSIS.
Host	<p>BRS; BRS/After Dark; BRS Colleague; Central Institute for Scientific and Technical Information CISTI, Canadian Online Enquiry Service Data-Star; DIALOG Information Services, Inc.; DIMDI; ESA-IRS; The Japan Information Center of Science and Technology Life Science Network Science and Technology Information Center, National Science Council; STN; International University of Tsukuba; CAN/OLE; JICST.</p>
Vendor	<p>BIOSIS, 2100 Arch Street, Philadelphia, PA 19103, USA. Telephone: 215 /587-4800; 800/523-4806. Telex: 831739. FAX: 215/587-2016. E-mail: EasyLink: G 2889584. BRS, BRS Information Technologies, (address, see page 62) BRS/AFTER DARK, (address, see page 62) BRS COLLEAGUE, CENTRAL INSTITUTE FOR SCIENTIFIC AND TECHNICAL INFORMATION, 52-A G.A. Nasser Str., Sofia 1040, Bulgaria. Telephone: 359 / 71 89 46. Telex: 22404 ZINTI BG. CISTI, (address, see page 62) DATA-STAR, D-S (address, see page 56) DIALOG INFORMATION SERVICES, Inc., (address, see page 62) DIMDI, (address, see page 62) ESA-IRS, (address, see page 62) THE JAPAN INFORMATION CENTER OF SCIENCE AND TECHNOLOGY (JICST), 2-5-2 Nagatacho, Chiyoda-ku, Tokyo 100, Japan. Telephone: 81 (33) 581-6411. Telex: 02223604 JICST J. FAX: 81 (33) 593-3375. LIFE SCIENCE NETWORK, A Service of BIOSIS, 2100 Arch Street, Philadelphia, PA 19103-1399, USA. Telephone: 215/587-4800; 800 /523- 4806. Telex: 831739. FAX: 215/587-2016. E-mail: EasyLink: G 2889584. SCIENCE AND TECHNOLOGY INFORMATION CENTER (STIC), National Science Council, 106 Ho-Ping East Road, Section 2, 14-16th Floor, Taipei 10636, Taiwan. Telephone: 886 (2) 737-7621. Telex: 29674 STICROC TW. FAX: 886 (2) 737-7663. STN INTERNATIONAL, c/o Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614 /447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3713. STN INTERNATIONAL, c/o Fachinformationszentrum Energie, Physik, Mathematik GmbH, 7514 Eggenstein-Leopoldshafen 2, Federal Republic of Germany. Telephone: 49 (7247) 82 45 66. Telex: 7826487 FIZE D. UNIVERSITY OF TSUKUBA, Science Information Processing Center, 1- 1-1 Tenno-dai, Tsukuba-Shi, Ibaraki-ken 305, Japan. Telephone: 81 (298) 53-2450. Telex: 3652580 UNTUKU J.</p>
Type	Reference (Bibliographic).
Language	English
Subject	Life-Sciences.

Coverage	International
Time Span	CISTI, DIALOG, Life Science Network, STN International, and Tsukuba, 1969 to date; BRS, BRS/After Dark, BRS Colleague, Data-Star, DIMDI, and ESA-IRS, 1970 to date; JICST, 1979 to date; Central Institute for Scientific and Technical Information and Science and Technology Information Center, 1984 to date.
Updating	DIALOG, ESA-IRS, Life Science Network, and STN International, weekly; BRS, BRS/After Dark, BRS Colleague, and DIMDI, monthly; Science and Technology Information Center, irregularly; other services, every 2 weeks.

Title of database	CA SEARCH; CHEMICAL ABSTRACTS; CA; CA CONDENSATES; CA FILE; CAS; CASIA; CH08; CH09; CH10; CH11; CHEB; CHEM; CHEMABS; CHEMICAL; CHZZ
Producer	Chemical Abstracts Service (CAS).
Host	AG; BRS; BRS/After Dark; BRS Colleague; CISTI, Canadian Online Enquiry Service; Data-Star; DIALOG Information Services, Inc.; ESA-IRS; Life Science Network; ORBIT Search Service; Questel Science and Technology Information Center, National Science Council; STN International; CAN/OLE.
Vendor	<p>BRS, BRS Information Technologies (see page 62), BRS/AFTER DARK (see page 62), BRS COLLEAGUE (see page 62), CHEMICAL ABSTRACTS SERVICE, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614/447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3709; 614/447-3713. CISTI, Canadian Online Enquiry Service (CAN/OLE) (see page 62), DATA-STAR, D-S Marketing Limited (see page 56), DIALOG INFORMATION SERVICES, Inc. ((see page 62) ESA-IRS (see page 62), LIFE SCIENCE NETWORK, A Service of BIOSIS, 2100 Arch Street, Philadelphia, PA 19103-1399, USA. Telephone: 215/587-4800; 800/523-4806. Telex: 831739. FAX: 215/587-2016. E-mail: EasyLink: G 2889584. ORBIT SEARCH SERVICE, A division of Maxwell Online, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632. QUESTEL, 83-85 boulevard Vincent Auriol, 75013 Paris, France. Telephone: 33 (1) 44 23 64 64; 800/424-9600 (in U.S.). Telex: 204594 TELQUES F. FAX: 33 (1) 44 23 64 65. SCIENCE AND TECHNOLOGY INFORMATION CENTER (STIC), National Science Council, 106 Ho-Ping East Road, Section 2, 14-16th Floor, Taipei 10636, Taiwan. Telephone: 886 (2) 737-7621. Telex: 29674 STICROC TW. FAX: 886 (2) 737-7663. STN INTERNATIONAL, c/o Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614/447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3713. STN INTERNATIONAL, c/o Fachinformationszentrum Energie, Physik, Mathematik GmbH, 7514 Eggenstein-Leopoldshafen 2, Federal Republic of Germany. Telephone: 49 (7247) 82 45 66. Telex: 7826487 FIZE D.</p>
Type	Reference (Bibliographic).
Language:	English
Subject	Chemistry.
Coverage	International

Time Span	Data-Star, DIALOG, ESA-IRS, ORBIT, Questel, and STN International, 1967 to date; BRS, BRS/After Dark, BRS Colleague, and CISTI, 1977 to date; Science and Technology Information Center, 1984 to date.
Updating:	BRS, BRS/After Dark, and BRS Colleague, about 40,000 records a month; CISTI, Data-Star, DIALOG, ESA-IRS, ORBIT, Questel, and STN International, about 19,000 records every 2 weeks; Science and Technology Information Center, irregularly.

Title of database	CHEMICAL REGULATION REPORTER.
Producer	The Bureau of National Affairs, Inc. (BNA).
Host	Executive Telecom System, Inc., The Human Resource Information Network West Publishing Company Mead Data Central, Inc., LEXIS Service ETSI/HRIN.
Vendor	<p>THE BUREAU OF NATIONAL AFFAIRS, Inc., E.M.D., 1231 25th Street, NW, Washington, DC 20037, USA. Telephone: 202/452-4132; 800/862-4636. Telex: 892692. FAX: 202/452-4062.</p> <p>EXECUTIVE TELECOM SYSTEM, Inc. (ETSI), The Human Resource Information Network (HRIN), 9585 Valparaiso Court, Indianapolis, IN 46268, USA. Telephone: 317/872-2045; 800/421-8884. FAX: 317/872-2059.</p> <p>MEAD DATA CENTRAL, Inc., P.O. Box 933, Dayton, OH 45401, USA. Telephone: 513/865-6800; 800/227-4908. FAX: 513/865-6909.</p> <p>WEST PUBLISHING COMPANY, 50 West Kellogg Blvd., P.O. Box 64526, St. Paul, MN 55164-0526, USA. Telephone: 612/228-2500; 800/328-0109; 800/937-8529.</p>
Type	Source (Full Text).
Language	English
Subject	Chemical-Industry; Waste-Management.
Coverage	U.S.
Time Span	Mead Data Central, 1982 to date; West Publishing Company, 1986 to date; ETSI, October 19, 1987 to date
Updating	Weekly

Title of database	CIM.
Producer	Association Technique de l'Industrie des Liants Hydrauliques (ATILH).
Host	Questel.
Vendor	ASSOCIATION TECHNIQUE DE L'INDUSTRIE DES LIANTS HYDRAULIQUES (ATILH), 12 rue Villiot, 75012 Paris, France. Telephone: 33 (1) 43 46 00 70. Telex: 240020 ATILH F. FAX: 33 (1) 43 44 78 11. QUESTEL, 83-85 boulevard Vincent Auriol, 75013 Paris, France. Telephone: 33 (1) 44 23 64 64; 800/424-9600 (in U.S.). Telex: 204594 TELQUES F. FAX: 33 (1) 44 23 64 65.
Type	Reference (Bibliographic).
Language	English and French, with titles also in original languages.
Subject	Construction; Engineering.
Coverage	International
Time Span	1969 to date
Updating	About 120 records a month

Title of database	CIVIL ENGINEERING DATABASE.
Producer	American Society of Civil Engineers (ASCE).
Host	Atlis.
Vendor	AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE), 345 East 47th Street, New York, NY 10017, USA. Telephone: 212/705-7520; 800/548-2723. Telex: 422847 ASCEUI. FAX: 212/705-7712. AT LIS, 6011 Executive Blvd., Rockville, MD 20852, USA. Telephone: 301 /770-3000; 800/638-6595.
Type	Reference (Bibliographic).
Language	English
Subject	Engineering.
Coverage	Primarily U.S., with some international coverage
Time Span	1975 to date
Updating	About 750 records every 2 months

Title of database	COMPENDEX REGISTERED (Computerized Engineering Index).
Producer	Engineering Information, Inc.
Host	BRS; BRS Colleague; Centre de Documentation de l'Armement; CISTI, Canadian Online Enquiry Service; Data-Star; DIALOG Information Services, Inc.; ESA-IRS; Knowledge Index; ORBIT Search Service; Science and Technology Information Center, National Science Council; STN International; CEDOCAR; CAN/OLE.

Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102. Telephone: 703/442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>CENTRE DE DOCUMENTATION DE L'ARMEMENT, 00460 Armees, France. Telephone: 33 (1) 45 52 60 48. Telex: 202778 CEDOCAR F. FAX: 33 (1) 45 52 45 74.</p> <p>CISTI, CanadianOnline Enquiry Service (CAN/OLE), National Research Council Canada, Ottawa, Ontario K1A 0S2, Canada. Telephone: 613 /993-1210. Telex: 0533115 CA. FAX: 613/952-8244. E-mail: Envoy 100: CISTI.CLIENT.SERV; iNet 2000: B.Bullock.</p> <p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>ENGINEERING INFORMATION, Inc., 345 East 47th Street, New York, NY 10017, USA. Telephone: 212/705-7600; 800/221-1044. Telex: 4990438. FAX: 212/832-1857.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>KNOWLEDGE INDEX, DIALOG Information Services, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800 /334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415/858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>ORBIT SEARCH SERVICE, A division of MaxwellOnline, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632.</p> <p>SCIENCE AND TECHNOLOGY INFORMATION CENTER (STIC), National Science Council, 106 Ho-Ping East Road, Section 2, 16th Floor, Taipei 10636, Taiwan. Telephone: 886 (2) 737-7621. Telex: 29674 STICROC TW. FAX: 886 (2) 737-7663.</p> <p>STN INTERNATIONAL, c/o Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614 /447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3713. STN INTERNATIONAL, c/o Fachinformationszentrum Energie, Physik, Mathematik GmbH, 7514 Eggenstein-Leopoldshafen 2, Federal Republic of Germany. Telephone: 49 (7247) 82 45 66. Telex: 7826487 FIZE D.</p>
Type	Reference (Bibliographic).
Language	Primarily English with about 30% of the documents in other languages, all abstracts in English.

Subject	Engineering.
Coverage	International
Time Span	DIALOG, ESA-IRS, and ORBIT, 1970 to date; CISTI, 1970 to date, with abstracts from 1982 to date; CEDOCAR and STN, 1973 to date; Knowledge Index, 1975 to date; BRS and BRS Colleague, 1976 to date; Data-Star, 1983 to date; Science and Technology Information Center, 1984 to date.
Updating	About 13,000 records a month

Title of database	DMS.
Producer	Hydrocomp, Inc.
Host	Hydrocomp, Inc.
Vendor	HYDROCOMP, Inc., 201 San Antonio Circle, Mountain View, CA 94040, USA. Telephone: 415/948-3919. Telex: 348357.
Type	Source (Numeric).
Subject	Water-Resources-Management.

Title of database	ECDIN (Environmental Chemicals Data and Information Network).
Producer	Commission of the European Communities, Joint Research Centre (CEC).
Host	Commission of the European Communities, Joint Research Centre Datacentralen CEC
Vendor	COMMISSION OF THE EUROPEAN COMMUNITIES, Joint Research Centre, Attn: ECDIN Group, 21020 Ispra (Varese), Italy. Telephone: 39 (332) 78 97 20. Telex: 380042 EURI I. FAX: 39 (332) 78 99 63. DATACENTRALEN, Retortvej 6-8, 2500 Valby, Copenhagen, Denmark. Telephone: 45 (31) 46 81 22. Telex: 27122 DC DK. FAX: 45 (31) 16 88 05.
Type	Reference (Bibliographic); Source (Textual-Numeric).
Language	English, with chemical names, safety risks, and warning data also in Danish, Dutch, French, German and Italian.
Subject	Chemistry-Properties; Chemistry-Structure-Nomenclature; Occupational- Safety-Health; Toxicology; Water-Resources-Management.
Coverage	International
Updating	Periodically, as new data become available

Title of database	ELIAS (Environment Libraries Automated System).
Producer	Environment Canada, Departmental Library.
Host	CISTI, Canadian Online Enquiry Service CAN/OLE.
Vendor	CISTI, Canadian Online Enquiry Service (CAN/OLE), National Research Council Canada, Ottawa, Ontario K1A 0S2, Canada. Telephone: 613 /993-1210. Telex: 0533115 CA. FAX: 613/952-8244. E-mail: Envoy 100: CISTI.CLIENT.SERV; iNet 2000: B.Bullock. ENVIRONMENT CANADA, Departmental Library, Ottawa, Ontario K1A 0H3, Canada. Telephone: 819/997-1767. Telex: 0533799. FAX: 819/997-1929. E-mail: Envoy 100: ILL.OOFF.
Type	Reference (Bibliographic).
Language	English and French
Subject	Environment; Library-Holdings-Canada; Urban-Regional-Planning.
Coverage	Canada
Time Span	1976 to date
Updating	About 1500 records a quarter

Title of database	ENSI.
Producer	Asian Institute of Technology, Environmental Sanitation Information Center.
Host	Asian Institute of Technology.
Vendor	ASIAN INSTITUTE OF TECHNOLOGY, Environmental Sanitation Information Center, P.O. Box 2754, Bangkok 10501, Thailand. Telephone: 66 (2) 5290100-13 x2870. Telex: 84276 AIT TH. FAX: 66 (2) 5290374. ASIAN INSTITUTE OF TECHNOLOGY, P.O. Box 2754, Bangkok 10501, Thailand. Telephone: 66 (2) 5290100-13. Telex: 84276 AIT TH. FAX: 66 (2) 5290374.
Type	Reference (Bibliographic).
Language	English
Subject	Waste-Management; Water-Resources-Management.
Coverage	International
Time Span	April 1979 to date
Updating	About 200 items every 4 months

Title of database	ENVIROLINE REGISTERED.
Producer	R.R. Bowker.
Host	Data-Star; DIALOG Information Services, Inc.; DIMDI; ESA-IRS; ORBIT Search Service.
Vendor	<p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>DIMDI, Weisshausstrasse 27, Postfach 420580, 5000 Cologne 41, Federal Republic of Germany. Telephone: 49 (221) 47 24 - 1. Telex: 8881364 DIM D. FAX: 49 (221) 411 429.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>ORBIT SEARCH SERVICE, A division of MaxwellOnline, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632.</p> <p>R.R. BOWKER, Bowker Electronic Publishing, 245 West 17th Street, New York, NY 10011, USA. Telephone: 212/337-6989; 800/323-3288. Telex: 127703. FAX: 212/645-0475. E-mail: DIALMAIL: 12804.</p>
Type	Reference (Bibliographic).
Language	English
Subject	Environment.
Coverage	International
Time Span	1971 to date
Updating	About 600 records a month

Title of database	ENVIRONMENT REPORTER.
Producer	The Bureau of National Affairs, Inc. (BNA).
Host	Executive Telecom System, Inc., The Human Resource Information Network West Publishing Company Mead Data Central, Inc., LEXIS Service ETSI/HRIN
Vendor	<p>THE BUREAU OF NATIONAL AFFAIRS, Inc., E.M.D., 1231 25th Street, NW, Washington, DC 20037, USA. Telephone: 202/452-4132; 800/862-4636. Telex: 892692. FAX: 202/452-4062.</p> <p>EXECUTIVE TELECOM SYSTEM, Inc. (ETSI), The Human Resource Information Network (HRIN), 9585 Valparaiso Court, Indianapolis, IN 46268, USA. Telephone: 317/872-2045; 800/421-8884. FAX: 317/872-2059.</p> <p>MEAD DATA CENTRAL, Inc., P.O. Box 933, Dayton, OH 45401, USA. Telephone: 513/865-6800; 800/227-4908. FAX: 513/865-6909.</p> <p>WEST PUBLISHING COMPANY, 50 West Kellogg Blvd., P.O. Box 64526, St. Paul, MN 55164-0526, USA. Telephone: 612/228-2500; 800/328-0109; 800/937-8529.</p>
Type	Source (Full Text).
Language	English
Subject	Environment.
Coverage	U.S.
Time Span	Mead Data Central, 1982 to date; West Publishing Company, 1986 to date; ETSI/HRIN, September 25, 1987 to date.
Updating	Weekly

Title of database	ENVIRONMENTAL BIBLIOGRAPHY.
Producer	Environmental Studies Institute.
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. ENVIRONMENTAL STUDIES INSTITUTE, International Academy at Santa Barbara, 800 Garden Street, Suite D, Santa Barbara, CA 93101, USA. Telephone: 805/965-5010
Type	Reference (Bibliographic).
Language	English
Subject	Environment.
Coverage	International
Time Span	1973 to date
Updating	About 4000 records every 2 months

Title of database	ENVIRONMENTAL FATE.
Producer	U.S. Environmental Protection Agency (EPA), Office of Pesticides and Toxic Substances.
Host	Chemical Information Systems, Inc. CIS.
Vendor	CHEMICAL INFORMATION SYSTEMS, Inc., 7215 York Road, Baltimore, MD 21212, USA. Telephone: 301/321-8440; 800/247-8737. TWX: 910-380-1738. FAX: 301/296-0712. U.S. ENVIRONMENTAL PROTECTION AGENCY, Office of Pesticides and Toxic Substances, Public Data Branch, 401 M Street, SW, TS793 (B002 N.E. Mall), Washington, DC 20460, USA. Telephone: 202/382-3524. Telex: 892758.
Type	Source (Textual-Numeric).
Language	English
Subject	Chemistry-Properties; Toxicology.
Coverage	International
Time Span	1970 to April 1984
Updating	Irregularly

Title of database	FISHNET.
Producer	Aquatic Data Center; FISHNET Forums.
Host	CompuServe Information Service.
Vendor	AQUATIC DATA CENTER, 1100 Gentry Street, North Kansas City, MO 64116, USA. Telephone: 816/842-5936. FAX: 816/474-5597. COMPUERVE INFORMATION SERVICE, 5000 Arlington Centre Blvd., Columbus, OH 43220, USA. Telephone: 614/457-8600; 800/848-8990. TWX: 810-482-1709 CPS A COL. FISHNET FORUMS, 425 North Court Street, Florence, AL 35630, USA. Telephone: 205/764-4011. FAX: 205/767-7484. E-mail: CompuServe: 76703,4256 or 76702,447.
Type	Reference (Bibliographic and Referral).
Language	English
Subject	Aquatic-Sciences; Computer-Uses-Users; General-Interest.
Coverage	International
Time Span	1950 to date
Updating	Daily; Abstract Service, monthly.

Title of database	FLUIDEX BHRA FLUID ENGINEERING
Producer	Elsevier Science Publishers (formerly produced by STI, a subsidiary of BHR Group Limited)
Host	DIALOG Information Services, Inc.; ESA-IRS
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. ELSEVIER SCIENCE PUBLISHERS, Regency House, 34 Duke Street, Norwich, Norfolk NR3 3AP, England. Telephone: 44 (603) 626327. Telex: 975247 CHACOM G. FAX: 44 (603) 667934. E-mail: Dialcom 10079: IRC013; DIALMAIL: 14281. ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.
Type	Reference (Bibliographic).
Language	English
Subject	Engineering.
Coverage	International
Time Span	1973 to date
Updating:	About 1500 records a month

Title of database	GEOARCHIVE.
Producer	Geosystems.
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. GEOSYSTEMS, P.O. Box 1024, Westminster, London SW1, England. Telephone: 44 (71) 222-7305.
Type	Reference (Bibliographic).
Language	English
Subject	Earth-Sciences.
Coverage	International
Time Span	1974 to date
Updating	About 5000 records a month

Title of database	GEOBASE TRADEMARK.
Producer	Elsevier/Geo Abstracts.
Host	DIALOG Information Services, Inc. ORBIT Search Service.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL; MARKETING. ELSEVIER/GEO ABSTRACTS, Regency House, 34 Duke Street, Norwich, Norfolk NR3 3AP, England. Telephone: 44 (603) 626327. Telex: 975247 CHACOM G. FAX: 44 (603) 667934. E-mail: Dialcom 10079; IRC013; DIALMAIL: 14281. ORBIT SEARCH SERVICE, A division of MaxwellOnline, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632.
Type	Reference (Bibliographic).
Language	English, with titles also in original languages.
Subject	Earth-Sciences; Geography.
Coverage	International
Time Span	1980 to date
Updating	About 4000 records a month

Title of database	GEOLINE.
Producer	Informationszentrum Rohstoffgewinnung, Geowissenschaften, Wasserwirtschaft (GEOFIZ).
Host	FIZ Technik.
Vendor	FIZ TECHNIK, Ostbahnhofstrasse 13, Postfach 60 05 47, 6000 Frankfurt am Main 1, Federal Republic of Germany. Telephone: 49 (69) 43 08 - 2 25. Telex: 4189459 FIZT D. FAX: 49 (69) 43 08 - 2 00. INFORMATIONSZENTRUM ROHSTOFFGEWINNUNG, Geowissenschaften, Wasserwirtschaft (GEOFIZ), Bundesanstalt fuer Geowissenschaften und Rohstoffe (BGR), Postfach 51 01 53, Stilleweg 2, 3000 Hannover 51, Federal Republic of Germany. Telephone: 49 (511) 643 - 2819. Telex: 923730 BGR HA D.
Type	Reference (Bibliographic).
Language	English, french and German.
Subject	Earth-Sciences; Water-Resources-Management.
Coverage	International
Time Span	1970 to date
Updating	Monthly

Title of database	GROUND WATER CONTINUING EDUCATION COURSES.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Referral).
Language	English
Subject	Education-Training; Water-Resources-Management.
Coverage	U.S. and Canada
Time Span	Current information
Updating	Periodically, as new data become available

Title of database	GROUND WATER INDUSTRY STANDARDS.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Referral).
Language	English
Subject	Water-Resources-Management.
Coverage	Primarily U.S.
Time Span	Current information
Updating	Periodically, as new data become available

Title of database	GROUND WATER MONITOR.
Producer	Produced by Business Publishers, Inc. and supplied to Data-Star and DIALOG Information Services, Inc. by Predicasts.
Host	Data-Star DIALOG Information Services, Inc.
Vendor	BUSINESS PUBLISHERS, Inc., 951 Pershing Drive, Silver Spring, MD 20910, USA. Telephone: 301/587-6300. FAX: 301/587-1081. DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581. DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL; MARKETING. PREDICASTS, 11001 Cedar Avenue, Cleveland, OH 44106, USA. Telephone: 216/795-3000; 800/321-6388. Telex: 985604. FAX: 216/229-9944. E-mail: DIALMAIL; 14294.
Type	Source (Full Text).
Language	English
Subject	Water-Resources-Management.
Coverage	U.S.
Time Span	1988 to date
Updating	DIALOG, as new data are added to the next daily update of PTSNEWSLETTER DATABASE; Data-Star, as new data are added to the next weekly update of PTS NEWSLETTER DATABASE.

Title of database	GROUND WATER ON-LINE.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Bibliographic).
Language	English
Subject	Aquatic-Sciences; Water-Resources-Management.
Coverage	International
Time Span	Earliest data from 1900
Updating	About 200 records a month

Title of database	GROUND WATER SAMPLING DEVICES.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Referral).
Language	English
Subject	Water-Resources-Management.
Coverage	U.S.
Updating	Not updated

Title of database	HIGHER EDUCATION PROGRAMS.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Referral).
Language	English
Subject	Educational-Research-Institutions-Directories; Water-Resources-Management.
Coverage	Primarily U.S., with some international coverage
Time Span	Current information
Updating	Periodically, as new data become available

Title of database	HSDB REGISTERED (HAZARDOUS SUBSTANCES DATA BANK).
Producer	National Library of Medicine, Toxicology Information Program (NLM).
Host	BLAISE-LINE; Data-Star; DIMDI; National Library of Medicine, TOXNET NLM.
Vendor	<p>BLAISE-LINE, The British Library, National Bibliographic Service, Boston Spa, Wetherby, West Yorkshire LS23 7BQ, England. Telephone: 44 (937) 546585. FAX: 44 (937) 546586.</p> <p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIMDI, Weissshausstrasse 27, Postfach 420580, 5000 Cologne 41, Federal Republic of Germany. Telephone: 49 (221) 47 24 - 1. Telex: 8881364 DIM D. FAX: 49 (221) 411 429.</p> <p>NATIONAL LIBRARY OF MEDICINE (NLM), MEDLARS Management Section, 8600 Rockville Pike, Bethesda, MD 20894, USA. Telephone: 301/496-6193; 800 /638-8480. NATIONAL LIBRARY OF MEDICINE, Toxicology Information Program, 8600 Rockville Pike, Bethesda, MD 20894, USA. Telephone: 301/496-6193; 800 /638-8480.</p>
Type	Source (Textual-Numeric).
Language	English
Subject	Chemistry-Properties; Safety; Toxicology.
Coverage	International
Time Span	Current information
Updating	Periodically, as new data become available

Title of database	HYDROWIRE.
Producer	HCI Publications.
Host	NewsNet, Inc.
Vendor	HCI PUBLICATIONS, 410 Archibald Street, Kansas City, MO 64111, USA. Telephone: 816/931-1311. FAX: 816/931-2015. NEWSNET, Inc., 945 Haverford Road, Bryn Mawr, PA 19010, USA. Telephone: 215/527-8030; 800/345-1301. FAX: 215/527-0338.
Type	Reference (Referral); Source (Full Text).
Language	English
Subject	Energy-Industry; Water-Resources-Management.
Coverage	U.S. and Canada
Time Span	December 1988 to date
Updating	Every 2 weeks

Title of database	INFORMATION SYSTEM FOR HAZARDOUS ORGANICS IN WATER (ISHOW).
Producer	U.S. Environmental Protection Agency (EPA), Office of Pesticides and Toxic Substances.
Host	Chemical Information Systems, Inc. CIS.
Vendor	CHEMICAL INFORMATION SYSTEMS, Inc., 7215 York Road, Baltimore, MD 21212, USA. Telephone: 301/321-8440; 800/247-8737. TWX: 910-380-1738. FAX: 301/296-0712. U.S. ENVIRONMENTAL PROTECTION AGENCY, Office of Pesticides and Toxic Substances, Public Data Branch, 401 M Street, SW, TS793 (B002 N.E. Mall), Washington, DC 20460, USA. Telephone: 202/382-3524. Telex: 892758.
Type	Source (Numeric).
Language	English
Subject	Chemistry-Properties.
Coverage	International
Time Span	1970 to October 1983
Updating	Irregularly

Title of database	INSTEAD
Producer	ILO, Employment and Development Department, Technology and Employment Branch
Host	ALDOC, Arab League Documentation and Information Centre, 37 rue Khereddine Paha, Tunis, Tunisia; ESA-IRS, European Space Agency, Information Retrieval Service, Via Galileo Galilei, 00044 Frascati, Italy; IDRC International Development Research Centre, P.O. Box 8500, Ottawa, Ontario K1G 3H9, Canada; HRIN Human Resource Information Network, College Park North, 9585 Valparaiso Court, Indianapolis, IN 46268, United States; ILIS Referral System, Central Library and Documentation Branch, International Labour Organisation, 4 route des Morillons, 1211 Geneva 22, Switzerland; Pergamon ORBIT Infoline Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, United States; PADIS Pan-African Development Information System, Economic Commission for Africa, P.O. Box 3001, Addis Ababa, Ethiopia; UN-ECLAC PORT-OF-SPAIN, Caribbean Documentation Centre, 22-24 Saint Vincent Street, P.O. Box 1113, Port-of-Spain, Trinidad and Tobago
Vendor	Contact: Mr. Allal, Technology and Employment Branch, ILO, 4, route des Morillons, 1211 Geneva 22, Switzerland, Telephone +4122/7998319, Fax: 4122/7988685, Telex: 415647 ilo ch
Type	Bibliographic
Language	English, french, Spanish
Subject	Water management, agricultural equipment, construction materials, technology, small-scale industry, energy, food processing, handicrafts
Corresponding online source	Labordoc
Corresponding printed source	
Coverage	International
Time Span	1986-present
Updating	Continuously

Title of database	KIRK-OTHMER ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY.
Producer	John Wiley & Sons, Inc.
Host	BRS; BRS/After Dark; BRS Colleague; Data-Star; DIALOG Information Services, Inc.
Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102. Telephone: 703/442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS/AFTER DARK, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>JOHN WILEY & SONS, Inc., 605 Third Avenue, 5th Floor, New York, NY 10158, USA. Telephone: 212/850-6000. Telex: 127063.</p>
Type	Reference (Bibliographic); Source (Textual-Numeric and Full Text).
Language	English
Subject	Chemistry; Chemistry-Properties; Engineering.
Coverage	International
Time Span	1978 (3rd edition)
Updating	Periodically, as new data become available

Title of database	MEDICAL TOXICOLOGY AND ENVIRONMENTAL HEALTH.
Producer	Department of Health and Social Security, Medical Toxicology & Environmental Health Division (DHSS).
Host	Data-Star.
Vendor	DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581. DEPARTMENT OF HEALTH AND SOCIAL SECURITY (DHSS), Medical Toxicology & Environmental Health Division, Hannibal House, Room 719, Elephant and Castle, London SE1 6TE, England. Telephone: 44 (71) 972-2162. FAX: 44 (71) 703-9565. E-mail: DATAMAIL: MEDTEH DOH.
Type	Reference (Bibliographic).
Language	English
Subject	Chemical-Industry; Environment; Food-Sciences-Nutrition; Toxicology.
Coverage	International
Time Span	1984 to date, with materials from 1888 to 1983 to be added
Updating	Weekly

Title of database	METEOROLOGICAL AND GEOASTROPHYSICAL ABSTRACTS.
Producer	American Meteorological Society.
Host	DIALOG Information Services, Inc.
Vendor	AMERICAN METEOROLOGICAL SOCIETY, 45 Beacon Street, Boston, MA 02108, USA. Telephone: 617/227-2425. FAX: 617/742-8718. DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.
Type	Reference (Bibliographic).
Language	English
Subject	Meteorology.
Coverage	International
Time Span	1972 to date
Updating	Irregularly

Title of database	MOLARS; Meteorological Office Library Accessions Retrieval System.
Producer	National Meteorological Library (NML).
Host	ESA-IRS.
Vendor	ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61. NATIONAL METEOROLOGICAL LIBRARY, London Road, Bracknell, Berkshire RG12 2SZ, England. Telephone: 44 (344) 854841; 44 (344) 654842. Telex: 849801 G. FAX: 44 (344) 854840.
Type	Reference (Bibliographic). Corresponds to NML's Monthly Accessions List.
Language	Citations in original language with notes in English
Subject	Library-Holdings-U-K; Meteorology.
Coverage	International
Time Span	October 1971 to date
Updating	About 800 records a month

Title of database	MONITORING CONSULTANTS AND CONTRACTORS.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Referral).
Language	English
Subject	Consultants-Consulting-Services; Water-Resources-Management.
Coverage	Primarily U.S., with some international coverage
Time Span	Current information
Updating	Periodically, as new data become available

Title of database	MONITORING HANDBOOK.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Source (Full Text).
Language	English
Subject	Water-Resources-Management.
Coverage	U.S.
Updating	Not updated

Title of database	MULTINATIONAL ENVIRONMENTAL OUTLOOK.
Producer	Produced and supplied to NewsNet, Inc. by Business Publishers, Inc.; supplied to Data-Star and DIALOG Information Services, Inc. by Predicasts.
Host	Data-Star DIALOG Information Services, Inc. NewsNet, Inc.
Vendor	<p>BUSINESS PUBLISHERS, Inc., 951 Pershing Drive, Silver Spring, MD 20910, USA. Telephone: 301/587-6300. FAX: 301/587-1081.</p> <p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. NEWSNET, Inc., 945 Haverford Road, Bryn Mawr, PA 19010, USA. Telephone: 215/527-8030; 800/345-1301. FAX: 215/527-0338.</p> <p>PREDICASTS, 11001 Cedar Avenue, Cleveland, OH 44106, USA. Telephone: 216/795-3000; 800/321-6388. Telex: 985604. FAX: 216/229-9944. E-mail: DIALMAIL: 14294.</p>
Type	Source (Full Text).
Language	English
Subject	Environment.
Coverage	International
Time Span	NewsNet, 1981 to date; Data-Star and DIALOG, 1989 to date.
Updating	DIALOG, as new data are added to the next daily update of PTSNEWSLETTER DATABASE; Data-Star, as new data are added to the next weekly update of PTS NEWSLETTER DATABASE; NewsNet, every 2 weeks as new data are released.

Title of database	NATIONAL ENVIRONMENTAL DATA REFERRAL SERVICE.
Producer	National Oceanic and Atmospheric Administration, National Environmental Data Referral Service (NOAA/NEDRES).
Host	BRS; BRS/After Dark; BRS Colleague.
Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102. Telephone: 703/442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS/AFTER DARK, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, National Environmental Data Referral Service, 1825 Connecticut Avenue, NW Washington, DC 20235, USA. Telephone: 202/673-5548. FAX: 202 /673-5586. E-mail: OMNET: G.BARTON; NASA/SPANNODC::BARTON</p>
Type	Reference (Bibliographic and Referral).
Language	English
Subject	Environment; Information-Systems-Services-Directories.
Coverage	Primarily U.S. and Canada, with some international coverage
Time Span	1974 to date
Updating	Quarterly

Title of database	NATUR.
Producer	Swedish National Environmental Protection Board.
Host	DAFA Data Abstract.
Vendor	DAFA DATA Abstract., Box 34101, 100 26 Stockholm, Sweden. Telephone: 46 (8) 738 50 00. FAX: 46 (8) 50 97 72. SWEDISH NATIONAL ENVIRONMENTAL PROTECTION BOARD, Library and Documentation Section, Box 1302, 171 25 Solna, Sweden. Telephone: 46 (8) 799 10 00. Telex: 11131 ENVIRON S.
Type	Reference (Bibliographic and Referral).
Language	Swedish and also 30% titles and keywords in English
Subject	Environment; Research-in-Progress.
Coverage	Sweden
Time Span	1975 to date
Updating	NATUR: about 50 records 40 times a year; PROJOLD: about 500 records a year.

Title of database	NTIS; National Technical Information Service;
Producer	National Technical Information Service (NTIS).
Host	BRS; BRS/After Dark; BRS Colleague; Centre de Documentation de l'Armement; CISTI, Canadian Online Enquiry Service; Data-Star; DIALOG Information Services, Inc.; ESA-IRS; The Japan Information Center of Science and Technology; Knowledge Index; Life Science Network; National Center of Scientific and Technological Information; ORBIT Search Service; Science and Technology Information Center, National Science Council; STN International; CEDOCAR; CAN/OLE; COSTI.

Vendor	<p>BRS, BRS Information Technologies, (see page 97) BRS/AFTER DARK, BRS (see page 97) BRS COLLEAGUE, BRS (see page 97) CENTRE DE DOCUMENTATION DE L'ARMEMENT, 00460 Armees, France. Telephone: 33 (1) 45 52 60 48. Telex: 202778 CEDOCAR F. FAX: 33 (1) 45 52 45 74. CISTI, Canadian Online Enquiry Service (CAN/OLE), National Research Council Canada, Ottawa, Ontario K1A 0S2, Canada. Telephone: 613 /993-1210. Telex: 0533115 CA. FAX: 613/952-8244. E-mail: Envoy 100: CISTI.CLIENT.SERV; iNet 2000: B.Bullock. DATA-STAR, address see page 97 DIALOG INFORMATION SERVICES, Inc. ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61. THE JAPAN INFORMATION CENTER OF SCIENCE AND TECHNOLOGY (JICST), 2-5-2 Nagatacho, Chiyoda-ku, Tokyo 100, Japan. Telephone: 81 (33) 581-6411. Telex: 02223604 JICST J. FAX: 81 (33) 593-3375. KNOWLEDGE INDEX, DIALOG Information Services, Inc., Address, see above., E-mail: DIALMAIL: MARKETING. LIFE SCIENCE NETWORK, A Service of BIOSIS, 2100 Arch Street, Philadelphia, PA 19103-1399, USA. Telephone: 215/587-4800; 800 /523-4806. Telex: 831739. FAX: 215/587-2016. E-mail: EasyLink: G 2889584. NATIONAL CENTER OF SCIENTIFIC AND TECHNOLOGICAL INFORMATION (COSTI), Ministry of Energy and Infrastructure, Atidim Industrial Park, P.O. Box 43074, Tel-Aviv 61430, Israel. Telephone: 972 (3) 492037; 972 (3) 492038; 972 (3) 492039. Telex: 32332 IL. FAX: 972 (3) 492033. NATIONAL TECHNICAL INFORMATION SERVICE, Office of Product Management, F300, 5285 Port Royal Road, Springfield, VA 22161, USA. Telephone: 703/487-4929. Telex: 899405. FAX: 703/321-8199; 703/321-8547. ORBIT SEARCH SERVICE, A division of Maxwell Online, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632. SCIENCE AND TECHNOLOGY INFORMATION CENTER (STIC), National Science Council, 106 Ho-Ping East Road, Section 2, 14-16th Floor, Taipei 10636, Taiwan. Telephone: 886 (2) 737-7621. Telex: 29674 STICROC TW. FAX: 886 (2) 737-7663. STN INTERNATIONAL, c/o Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614 /447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3713. STN INTERNATIONAL, c/o Fachinformationszentrum Energie, Physik, Mathematik GmbH, 7514 Eggenstein-Leopoldshafen 2, Federal Republic of Germany. Telephone: 49 (7247) 82 45 66. Telex: 7826487 FIZE D.</p>
Type	<p>Reference (Bibliographic). Corresponds to the biweekly publication Government Reports Announcements & Index (GRA&I) and in part to the weekly Abstract Newsletters.</p>

Language	English
Subject	Science-Technology.
Coverage	Primarily U.S., with some international coverage
Time Span	CISTI, DIALOG, ESA-IRS, Knowledge Index, ORBIT, and STN, 1964 to date; BRS, BRS/After Dark, BRS Colleague, and Data-Star, 1970 to date; CEDOCAR, 1974 to date; Science and Technology Information Center, 1984 to date; COSTI, 1985 to date.
Updating	CISTI, ESA-IRS, and STN, about 5500 records a month; all others, about 2600 records every 2 weeks.

Title of database	OCEANIC ABSTRACTS; CSAL; CAMBRIDGE SCIENTIFIC ABSTRACTS LIFE SCIENCES
Producer	Cambridge Scientific Abstracts.
Host	BRS; BRS/After Dark; BRS Colleague; DIALOG Information Services, Inc.; ESA-IRS.
Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS/AFTER DARK, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>CAMBRIDGE SCIENTIFIC ABSTRACTS (CSA), 7200 Wisconsin Avenue, #601, Bethesda, MD 20814, USA. Telephone: 301/961-6751; 800/843-7751. TWX: 910-250-7547 CAMBMD. FAX: 301/961-6720.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p>
Type	Reference (Bibliographic).. Corresponds to coverage of Oceanic Abstracts.
Language	English
Subject	Aquatic-Sciences.
Coverage	International
Time Span	1964 to date
Updating	About 1750 records every 2 months

Title of database	OHS MSDS (MATERIAL SAFETY DATA SHEETS).
Producer	Occupational Health Services, Inc. (OHS).
Host	National Pesticide Information Retrieval System, Purdue University Occupational Health Services, Inc. OHS.
Vendor	NATIONAL PESTICIDE INFORMATION RETRIEVAL SYSTEM, Purdue University, Entomology Hall, West Lafayette, 47907, USA. Telephone: 317 /494-6614. OCCUPATIONAL HEALTH SERVICES, Inc., 450 7th Avenue, Suite 2407, New York, NY 10123, USA. Telephone: 212/967-1100; 800/445- 6737. Telex: 4754124.
Type	Source (Textual-Numeric).
Language	English
Subject	Chemistry-Properties; Occupational-Safety-Health.
Time Span	Current information
Updating	Daily; about 400 to 500 records a month.

Title of database	PASCAL: ENERGIE.
Producer	Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique (CNRS/INIST); Institut Francais du Petrole (IFP).
Host	DIALOG Information Services, Inc.; ESA-IRS Questel
Vendor	CENTRE NATIONALE DE LA RECHERCHE SCIENTIFIQUE, Institut de l'Information Scientifique et Technique (CNRS/INIST), Chateau du Montet, 54514 Vandoeuvre-les-Nancy Cedex, France. Telephone: 33 (1) 83 53 29 00. Telex: 220880 CNRSDOC F. FAX: 33 (1) 83 57 63 09. E-mail: DIALMAIL: PASCAL. DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61. INSTITUT FRANCAIS DU PETROLE (IFP), Direction de l'Economie et de la Documentation, 1-4 avenue de Bois-Preau, B.P. 311, 92506 Rueil Malmaison Cedex, France. Telephone: 33 (1) 47 49 02 14. Telex: 203050 IFP A F. FAX: 33 (1) 47 52 64 29. QUESTEL, 83-85 boulevard Vincent Auriol, 75013 Paris, France. Telephone: 33 (1) 44 23 64 64; 800/424-9600 (in U.S.). Telex: 204594 TELQUES F. FAX: 33 (1) 44 23 64 65.
Type	Reference (Bibliographic).
Language	French, with titles also in English and keywords also in English and Spanish
Subject	Energy.
Coverage	International
Time Span	ESA-IRS and Questel, 1973 to date; DIALOG, 1986 to date.
Updating	Monthly

Title of database	PASCAL: GEODE.
Producer	Centre National de la Recherche Scientifique, Institut de l'Information Scientifique et Technique (CNRS/INIST), with information provided by American Geological Institute and Bureau de Recherches Geologiques et Minieres.
Host	DIALOG Information Services, Inc. ; ESA-IRS; Instituto Tecnologico GeoMinero de Espana Questel ITGE.
Vendor	<p>BUREAU DE RECHERCHES GEOLOGIQUES ET MINIERES (BRGM), B.P. 6009, 45060 Orleans Cedex, France. Telephone: 33 (38) 64 30 98; 33 (38) 64 38 09; 33 (38) 64 34 34. Telex: 780258 BRGMA F.</p> <p>CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, Institut de l'Information Scientifique et Technique (CNRS/INIST), Chateau du Montet, 54514 Vandoeuvre-les-Nancy Cedex, France. Telephone: 33 (1) 83 53 29 00. Telex: 220880 CNRSDOC F. FAX: 33 (1) 83 57 63 09. E-mail: DIALMAIL: PASCAL.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>INSTITUTO TECNOLOGICO GEOMINERO DE ESPANA (ITGE), Calle Rios Rosas 23, 28003 Madrid, Spain. Telephone: 34 (1) 441 65 00. FAX: 34 (1) 442 62 16</p> <p>QUESTEL, 83-85 boulevard Vincent Auriol, 75013 Paris, France. Telephone: 33 (1) 44 23 64 64; 800/424-9600 (in U.S.). Telex: 204594 TELQUES F. FAX: 33 (1) 44 23 64 65..</p>
Type	Reference (Bibliographic).
Language	French, with titles also in English and keywords also in English and Spanish.
Subject	Earth-Sciences.
Coverage	International
Time Span	Literature concerning France, 1750 to date; world literature, 1968 to date.
Updating	Monthly

Title of database	PLATFORM.
Producer	Institut Francais du Petrole (IFP).
Host	Institut Francais du Petrole IFP.
Vendor	INSTITUT FRANCAIS DU PETROLE (IFP), Direction de l'Economie et de la Documentation, 1-4 avenue de Bois-Preau, B.P. 311, 92506 Rueil Malmaison Cedex, France. Telephone: 33 (1) 47 49 02 14. Telex: 203050 IFP A F. FAX: 33 (1) 47 52 64 29.
Type	Source (Textual-Numeric).
Language	English
Subject	Energy-Industry; Environment; Safety.
Coverage	International
Time Span	1955 to date
Updating	About 50 reports a year

Title of database	POLLUTION ABSTRACTS.
Producer	Cambridge Scientific Abstracts.
Host	BRS; BRS/After Dark ; BRS Colleague Data-Star DIALOG Information Services, Inc.; ESA-IRS University of Tsukuba.
Vendor	<p>BRS, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102. Telephone: 703/442-0900; 800/289-4277; 800/955-0906. FAX: 703/893-4632.</p> <p>BRS/AFTER DARK, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>BRS COLLEAGUE, BRS Information Technologies, A division of Maxwell Online, Inc., 8000 Westpark Drive, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/289-4277. TWX: 710-444-4965. FAX: 703/893-4632.</p> <p>CAMBRIDGE SCIENTIFIC ABSTRACTS (CSA), 7200 Wisconsin Avenue, #601, Bethesda, MD 20814, USA. Telephone: 301/961-6750; 800/843-7751. TWX: 910-250-7547 CAMBMD. FAX: 301/961-6720.</p> <p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING.</p> <p>ESA-IRS, Via Galileo Galilei, 00044 Frascati, Italy. Telephone: 39 (6) 94 18 01. Telex: 610637 ESRIN I. FAX: 39 (6) 94 18 03 61.</p> <p>UNIVERSITY OF TSUKUBA, Science Information Processing Center, 1-1-1 Tenno-dai, Tsukuba-Shi, Ibaraki-ken 305, Japan. Telephone: 81 (298) 53-2450. Telex: 3652580 UNTUKU J.</p>
Type	Reference (Bibliographic).
Language	English
Subject	Environment.
Coverage	International
Time Span	Most services, 1970 to date; Data-Star, 1978 to date.
Updating	About 1500 records every 2 months

Title of database	POWER.
Producer	U.S. Department of Energy (DOE), Energy Library.
Host	ORBIT Search Service.
Vendor	ORBIT SEARCH SERVICE, A division of MaxwellOnline, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703/442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632. U.S. DEPT. OF ENERGY, Energy Library, Germantown Branch, Washington, DC 20585, USA. Telephone: 301/353-4301.
Type	Reference (Bibliographic).
Language	English
Subject	Energy; Environment; Library-Holdings-U-S.
Coverage	International
Time Span	Most materials from the 1970s and 1980s, with Atomic Energy Commission items from the 1960s
Updating	3 times a year

Title of database	SOURCE OF WATER SUPPLY.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Reference (Referral).
Language	English
Subject	Water-Resources-Management.
Coverage	U.S.
Updating	Not updated

Title of database	STREAMLINE: AUSTRALIAN WATER RESEARCH.
Producer	Department of Primary Industries and Energy (Australia), Water Branch.
Host	CSIRO AUSTRALIS.
Vendor	CSIRO AUSTRALIS, CSIRO Information Resources Unit, 314 Albert Street, East Melbourne, VIC 3002, Australia. Telephone: 61 (3) 418-7333. Telex: 30236 AA. FAX: 61 (3) 419-0459. DEPARTMENT OF PRIMARY INDUSTRIES AND ENERGY (AUSTRALIA), Streamline, Water Branch, GPO Box 858, Canberra City, ACT 2601, Australia. Telephone: 61 (62) 45-8211. Telex: 62101 NATDEV AA.
Type	Reference (Bibliographic and Referral).
Language	English
Subject	Aquatic-Sciences; Water-Resources-Management; Research-in-Progress.
Coverage	Australia
Time Span	1982 to date
Updating	Every 2 months; about 3000 citations and 1050 research projects a year.

Title of database	SUSPECT CHEMICALS SOURCEBOOK.
Producer	Roytech Publications, Inc.
Host	Chemical Information Systems, Inc. CIS.
Vendor	CHEMICAL INFORMATION SYSTEMS, Inc., 7215 York Road, Baltimore, MD 21212, USA. Telephone: 301/321-8440; 800/247-8737. TWX: 910-380-1738. FAX: 301/296-0712. ROYTECH PUBLICATIONS, Inc., 840 Hinckley Road, Suite 147, Burlingame, CA 94010, USA. Telephone: 415/697-0541. FAX: 415/697- 6255.
Type	Reference (Referral); Source (Textual-Numeric).
Language	English
Subject	Chemical Industry; Environment; Toxicology.
Coverage	U.S. and Canada
Time Span	Current information
Updating	Quarterly

Title of database	TOXIC CHEMICAL RELEASE INVENTORY (TRI).
Producer	National Library of Medicine, Specialized Information Services Division and U.S. Environmental Protection Agency (EPA), Emergency Response Division.
Host	Chemical Information Systems, Inc. National Library of Medicine, TOXNET NLM.
Vendor	CHEMICAL INFORMATION SYSTEMS, Inc., 7215 York Road, Baltimore, MD 21212, USA. Telephone: 301/321-8440; 800/247-8737. TWX: 910-380-1738. FAX: 301/296-0712. NATIONAL LIBRARY OF MEDICINE (NLM), MEDLARS Management Section, 8600 Rockville Pike, Bethesda, MD 20894, USA. Telephone: 301/496-6193; 800 /638-8480. NATIONAL LIBRARY OF MEDICINE, Specialized Information Services Division, 8600 Rockville Pike, Bethesda, MD 20894, USA. Telephone: 301/496-6531. E-mail: BITNET: JJL @ NINCU; Internet: FERGUSON @ NLM.NIK.GOVS. U.S. ENVIRONMENTAL PROTECTION AGENCY, Emergency Response Division, OS-210, 401 M Street, SW, Washington, DC 20460, USA. Telephone: 202 /382-2190; 202/479-2449; 800/535-0202.
Type	Source (Textual-Numeric).
Language	English
Subject	Environment; Toxicology.
Coverage	U.S.
Time Span	1987 to date
Updating	Annually

Title of database	TROPAG; TROPICAL AGRICULTURE; Abstracts on Tropical Agriculture; ATA.
Producer	Royal Tropical Institute.
Host	ORBIT Search Service.
Vendor	ORBIT SEARCH SERVICE, A division of Maxwell Online, Inc., 8000 Westpark Drive, Suite 400, McLean, VA 22102, USA. Telephone: 703 /442-0900; 800/456-7248. Telex: 901811. FAX: 703/893-4632. ROYAL TROPICAL INSTITUTE, Information & Documentation, Mauritskade 63, 1092 AD Amsterdam, The Netherlands. Telephone: 31 (20) 568 82 98. Telex: 15080 KIT NL. FAX: 31 (20) 568 84 44.
Type	Reference (Bibliographic).
Language	English
Subject	Agriculture.
Coverage	International
Time Span	1975 to date
Updating	About 1000 records a quarter

Title of database	UMWELTFORSCHUNGSDATENBANK (UFOR).
Producer	Umweltbundesamt.
Host	Data-Star STN International.
Vendor	<p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>STN INTERNATIONAL, c/o Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614 /447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3713. STN INTERNATIONAL, c/o Fachinformationszentrum Energie, Physik, Mathematik GmbH, 7514 Eggenstein-Leopoldshafen 2, Federal Republic of Germany. Telephone: 49 (7247) 82 45 66. Telex: 7826487 FIZE D. UMWELTBUNDESAMT, Bismarckplatz 1, 1000 Berlin 33, Federal Republic of Germany. Telephone: 49 (30) 8 90 23 37. Telex: 183756 D. FAX: 49 (30) 8 90 22 85.</p>
Type	Reference (Bibliographic).
Language	German, with titles and some abstract also in English
Subject	Environment; Research-in-Progress.
Coverage	Austria, Federal Republic of Germany, and Switzerland
Time Span	1974 to date
Updating	About 1000 records 2 to 4 times a year

Title of database	UMWELTLITERATURDATENBANK (ULIT).
Producer	Umweltbundesamt.
Host	Data-Star FIZ Technik STN International.
Vendor	<p>DATA-STAR, D-S Marketing Limited, Plaza Suite, 114 Jermyn Street, London SW1Y 6HJ, England. Telephone: 44 (71) 930-7646; 44 (71) 930-7647; 800/221-7754 (in U.S.). Telex: 94012671 STAR G. FAX: 44 (71) 930-2581.</p> <p>FIZ TECHNIK, Ostbahnhofstrasse 13, Postfach 60 05 47, 6000 Frankfurt am Main 1, Federal Republic of Germany. Telephone: 49 (69) 43 08 - 2 25. Telex: 4189459 FIZT D. FAX: 49 (69) 43 08 - 2 00. STN INTERNATIONAL, c/o Chemical Abstracts Service, 2540 Olentangy River Road, P.O. Box 3012, Columbus, OH 43210, USA. Telephone: 614 /447-3600; 800/848-6533; 800/848-6538. Telex: 6842086 CHMAB. TWX: 810-482-1608. FAX: 614/447-3713.</p> <p>STN INTERNATIONAL, c/o Fachinformationszentrum Energie, Physik, Mathematik GmbH, 7514 Eggenstein-Leopoldshafen 2, Federal Republic of Germany. Telephone: 49 (7247) 82 45 66. Telex: 7826487 FIZE D.</p> <p>UMWELTBUNDESAMT, Bismarckplatz 1, 1000 Berlin 33, Federal Republic of Germany. Telephone: 49 (30) 8 90 23 37. Telex: 183756 D. FAX: 49 (30) 8 90 22 85.</p>
Type	Reference (Bibliographic).
Language	German, with titles and some abstracts also in English
Subject	Environment.
Coverage	Federal Republic of Germany
Time Span	1976 to date
Updating	About 1000 records a month

Title of database	USDA EDI SERVICE.
Producer	U.S. Department of Agriculture (USDA), Office of Public Affairs.
Host	Martin Marietta Data Systems.
Vendor	MARTIN MARIETTA DATA SYSTEMS, 6303 Ivy Lane, Greenbelt, MD 20770, USA. Telephone: 301/982-6877. U.S. DEPT. OF AGRICULTURE (USDA), Office of Public Affairs, 14 Independence Avenue SW, Washington, DC 20250, USA. Telephone: 202 /447-7454. FAX: 202/447-5340. E-mail: Dialcom: AGR205.
Type	Reference (Bibliographic and Referral); Source (Textual-Numeric and Full Text).
Language	English
Subject	Agricultural-Industry; Agriculture; Food-Sciences-Nutrition; Government-U-S-Federal; Research-in-Progress; Veterinary-Sciences.
Coverage	Primarily U.S., with some international information
Time Span	Current information
Updating	Continuously, throughout the day; about 700 records a month.

Title of database	USDA ONLINE.
Producer	U.S. Department of Agriculture (USDA), Office of Public Affairs.
Host	BT Tymnet Dialcom Service.
Vendor	BT TYMNET DIALCOM SERVICE, BT Tymnet, Inc., 2560 North First Street, P.O. Box 49019, San Jose, CA 95161-9019, USA. Telephone: 408 /922-0250; 800/872-7654. U.S. DEPT. OF AGRICULTURE (USDA), Office of Public Affairs, 14 Independence Avenue SW, Washington, DC 20250, USA. Telephone: 202 /447-7454. FAX: 202/447-5340. E-mail: Dialcom: AGR205.
Type	Reference (Bibliographic and Referral); Source (Textual-Numeric and Full Text).
Language	English
Subject	Agricultural-Industry; Agriculture; Food-Sciences-Nutrition; Government-U-S-Federal; Research-in-Progress; Veterinary-Sciences.
Coverage	Primarily U.S., with some international coverage
Time Span	Current information
Updating	Varies by source, from daily to monthly

Title of database	VANYTT.
Producer	BYGGDOK, The Swedish Institute of Building Documentation.
Host	BYGGDOK, The Swedish Institute of Building Documentation.
Vendor	BYGGDOK, The Swedish Institute of Building Documentation, Halsingegatan 49, 113 31 Stockholm, Sweden. Telephone: 46 (8) 34 01 70. Telex: 12563 BYGGDOK S. FAX: 46 (8) 32 48 59.
Type	Reference (Bibliographic).
Language	Primarily English, German, Norwegian and Swedish.
Subject	Environment.
Coverage	International
Time Span	1970 to date
Updating	About 300 records 8 times a year

Title of database	VERKEER EN WATERSTAAT LITERATUUR INFORMATIE SYSTEEM (VENW).
Producer	Ministerie van Verkeer en Waterstaat.
Host	Rijks Computer Centrum.
Vendor	<p>MINISTERIE VAN VERKEER EN WATERSTAAT, Afdeling Documentatie en Bibliotheek, P.O. Box 20901, 2500 EX The Hague, The Netherlands. Telephone: 31 (70) 351 70 89. Telex: 32562 MINVW NL. FAX: 31 (70) 351 78 95.</p> <p>RIJKS COMPUTER CENTRUM (RCC), Fauststraat 1, 7323 BA Apeldoorn, The Netherlands. Telephone: 31 (55) 77 88 22. Telex: 30435 NL. FAX: 31 (55) 21 59 60.</p>
Type	Reference (Bibliographic).
Language	Dutch, with abstracts in original language of the publication (primarily Dutch, English, French and German).
Subject	Aquatic-Sciences; Library-Holdings-The-Netherlands; Transportation-Transportation-Industry.
Coverage	The Netherlands
Time Span	1900 to date
Updating	Daily

Title of database	WASTE MANAGEMENT AND RESOURCE RECOVERY.
Producer	International Research & Evaluation.
Host	International Research & Evaluation.
Vendor	INTERNATIONAL RESEARCH & EVALUATION, 21098 IRE Control Center, Eagan, MN 55121, USA. Telephone: 612/888-9635. Telex: 291008. FAX: 612 /854-8180. E-mail: ITTD: 131425
Type	Reference (Bibliographic).
Language	English
Subject	Water-Resources-Management.
Coverage	International
Time Span	March 1971 to date, with some materials from 1934
Updating	Every 2 weeks; about 67,250 records a year.

Title of database	WATER RESOURCES ABSTRACTS REGISTERED.
Producer	U.S. Department of the Interior, Geological Survey.
Host	DIALOG Information Services, Inc.
Vendor	DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING. U.S. DEPT. OF THE INTERIOR, Geological Survey, Water Resources Scientific Information Center, 425 National Center, Reston, VA 22092, USA. Telephone: 703/648-6820.
Type	Reference (Bibliographic).
Language	English
Subject	Aquatic-Sciences; Water-Resources-Management.
Coverage	International
Time Span	1968 to date
Updating	About 1000 records a month

Title of database	WATER TREATABILITY.
Producer	National Ground Water Information Center.
Host	National Ground Water Information Center.
Vendor	NATIONAL GROUND WATER INFORMATION CENTER, National Water Well Association, 6375 Riverside Drive, Dublin, OH 43017, USA. Telephone: 614/761-1711. FAX: 614/761-3446.
Type	Source (Textual-Numeric).
Language	English
Subject	Water-Resources-Management.
Coverage	Primarily U.S., with some international coverage
Time Span	1985 to date
Updating	Annually

Title of database	WATERNET TRADEMARK.
Producer	American Water Works Association (AWWA).
Host	DIALOG Information Services, Inc.
Vendor	AMERICAN WATER WORKS ASSOCIATION (AWWA), Technical Library, 6666 West Quincy Avenue, Denver, CO 80235, USA. Telephone: 303/794-7711. Telex: 450895 AWWA DVR. FAX: 303/794-7310. E-mail: DIALMAIL: 11349. DIALOG INFORMATION SERVICES, Inc., 3460 Hillview Avenue, Palo Alto, CA 94304, USA. Telephone: 415/858-3785; 800/334-2564; 800/387-2689 (in Canada). Telex: 334499 DIALOG. TWX: 910-339-9221. FAX: 415 /858-7069. E-mail: DIALMAIL: MARKETING
Type	Reference (Bibliographic).
Language	English
Subject	Water-Resources-Management.
Coverage	Primarily North America, with some coverage of Europe, Australia, and South Africa
Time Span	1971 to date
Updating	Every 2 months; about 3000 records a year.

Title of database	WETLAND VALUES BIBLIOGRAPHIC DATABASE.
Producer	U.S. Army Corps of Engineers, Waterways Experiment Station; U.S. Department of the Interior, Fish and Wildlife Service, Division of Biological Services.
Host	EG&G Idaho U.S. Department of Energy, Idaho National Engineering Laboratory DOE.
Vendor	EG&G IDAHO, Idaho National Engineering Laboratory, P.O. Box 1625, Idaho Falls, ID 83415, USA. Telephone: 208/526-0757. U.S. ARMY CORPS OF ENGINEERS, Waterways Experiment Station, Environmental Lab, P.O. Box 631, Vicksburg, MS 39180, USA. Telephone: 601/634-3774. U.S. DEPT. OF ENERGY, Idaho National Engineering Laboratory, 550 2nd Street, Idaho Falls, ID 83401, USA. U.S. DEPT. OF THE INTERIOR, Fish and Wildlife Service, Division of Biological Services, National Ecology Center, Creekside One Building, 2627 Redwing Road, Fort Collins, CO 80526, USA. Telephone: 303 /226-9323.
Type	Reference (Bibliographic).
Language	English
Subject	Aquatic-Sciences; Water-Resources-Management.
Coverage	Primarily U.S., with some coverage of Canada
Time Span	Varies, with most data from 1950 to date
Updating	Monthly

Title of database	YUKON BIBLIOGRAPHY.
Producer	Boreal Institute for Northern Studies.
Host	QL Systems Limited.
Vendor	BOREAL INSTITUTE FOR NORTHERN STUDIES, CW401 Bio. Sci. Building, The University of Alberta, Edmonton, Alberta T6G 2E9, Canada. Telephone: 403/432-4409. FAX: 403/492-1153. E-mail: BITNET: BINS @ UALTAMTS; Envoy 100: ILL.Boreal. QL SYSTEMS LIMITED, 901 St. Andrew's Tower, 275 Sparks Street, Ottawa, Ontario K1R 7X9, Canada. Telephone: 613/238-3499. FAX: 613 /548-4260.
Type	Reference (Bibliographic).
Language	English
Subject	Arctic-Antarctic-Studies.
Coverage	Canada (primarily Yukon Territory)
Time Span	1971 to 1984; pre-1971 materials added occasionally.
Updating	About 300 to 400 records a year