

## Electronic Databases

### **Academic Search Complete**

Coverage: 1965, in some cases, to the present (depending upon publication)

Full Text: Yes in some cases.

Description: Academic Search Complete is a full text database of peer-reviewed academic journals, offering critical information from many sources found in no other database. Not only does it contain full text articles from over 5,000 full-text publications, but one can also find abstracts and indexing for over 9,000 scholarly journals. The journals offered cover Geology and related topics.

### **GeoBase (Part of Engineering Village Database)**

Coverage: 1980 to present

Full Text: No

Description: Covers journal articles, books, conference proceedings and reports worldwide.

### **GeoRef (Part of Engineering Village Database)**

Coverage: 1785 to present (North America); 1933 to present (worldwide)

Full Text: No

Description: Online version of the Bibliography and Index of Geology.

### **Cambridge Scientific Abstracts**

Coverage: Primarily 1980s to present

Full Text: No

Description: Collection of sciences databases, including Environmental Sciences (1981 – present) and Oceanic Abstracts (1981 – present). Also provides Web sites for each search.

### **ScienceDirect**

Coverage: 1823 – present (coverage varies by journal title)

Full Text: Yes

Description: Covers all major areas of the physical and life sciences.

### **Web of Science**

Coverage: 1900 – present.

Full Text: Some

Description: Includes the Science Citation Index and covers thousands of publications in the sciences. This database can also be searched by keyword or subject for citations.

### **ACS Journals Search (American Chemical Society)**

Coverage: Dates vary according to publication. Covers each title from the beginning of publication date.

Full text: Yes

Description: Provides the full text of all journals published by the American Chemical Society. Searchable by keyword, author, title, and full text. Articles available in PDF and HTML format (PDF is recommended).

### **Annual Reviews**

Coverage: Dates vary, but generally from the 1950s to the present.

Full Text: Yes

Description: Provides annual collections of critical reviews of research in the biomedical, physical and social sciences. Full text articles are available in PDF and HTML format (PDF is recommended).

### **MarciveWebDocs**

Coverage: 1976 to present

Full Text: No

Description: Index to U.S. government reports and publications, including the U.S. Geological Survey.

### **Business Source Complete**

Coverage: Dates vary according to publication, but in some cases, coverage goes back to the 1960s or earlier.

Full Text: A good deal

Description: Business database that covers all aspects of geology, including research, the oil and gas industry, and petroleum exploration. Another business database to use is [ABI/Inform](#).

### **Internet Resources**

#### **Bureau of Economic Geology (University of Texas at Austin)**

Location: <<http://www.beg.utexas.edu/>>

Description: Research programs on Texas geology, information about publications, and links to other sites.

#### **Internet Resources: Earth Sciences (University of California at Berkeley)**

Location: <http://www.lib.berkeley.edu/EART/EarthLinks.html>

Description: Planetary science, geography, geophysics, seismology, climate and weather, and oceanography.

#### **U.S. Geological Survey**

Location: <<http://www.usgs.gov/>>

Description: Geology, biology, mapping, weather and water, environment, and links to state geological agencies.

### **Print Resources**

#### **DICTIONARIES:**

##### **Challinor's Dictionary of Geology (Ref QE 5 .C45 1986)**

Entries include references for background information and further discussion. Also has a classified index.

##### **Concise Oxford Dictionary of Earth Sciences (Ref QE 5 .C45 1990)**

Covers terms and concepts for geology, geophysics and geochemistry.

##### **Dictionary of Geological Terms (Ref QE 5 .D55 1984)**

Defines terms for beginning students and non-specialists.

##### **Encyclopedic Dictionary of Exploration Geophysics (Ref TN 269 .S524)**

Includes numerous illustrations, charts and graphs.

##### **Glossary of Geology (Ref QE 5 .G37 1987)**

Provides cross-references and synonyms.

**Lexicon of Geologic Names of the United States** (Ref QE 5 .W5122)  
Published by the U.S. Geological Survey. Library holdings: 1936-1985.

**ENCYCLOPEDIAS:**

**Encyclopedia of Minerals** (Ref QE 355 .R6 1990)  
Provides information on formulas, physical properties, crystal systems and locality data. Includes photographs.

**Encyclopedia of Paleontology** (Ref QE 703 .E523 1999)

**Index Fossils of North America** (Ref QE 745 S48)  
Includes indices of genera and species. Numerous photographs and illustrations.

**MacMillan Encyclopedia of Earth Sciences** (Ref QE 5 .E5137 1996)  
Articles are signed and have bibliographies. Includes photographs and color illustrations. Users are advised to use the subject index in vol. 2.

**Manual of New Mineral Names 1892-1978** (Ref QE 357 .M36 1980)

**The Planet We Live On: An Illustrated Encyclopedia of the Earth Sciences** (Ref QE 5 .P55 1976)  
Entries are arranged alphabetically. Includes a subject index.

**INDEXES:**

**Bibliography and Index of Geology** (Reference Annex Z 6031 .G4)  
Coverage: v. 1 (1933) to v. 60 (1996)  
International in scope. Indexes journal articles, books, reports, maps and theses (for North American geology).

**Bibliography and Index of Texas Geology** (Ref Z 6034 .U5 T463)  
Coverage: 1933 to 1985  
Covers journal articles, theses, reports, books and maps. Each volume includes a subject index.

**Bibliography of Gulf Coast Geology** (Ref Z 6034 .U5 G85)  
Covers coastal areas for Texas, Louisiana, Mississippi, Alabama, Florida, and the Mexican states bordering the Gulf of Mexico. Includes journal articles, books and reports.

**Bibliography of North American Geology** (Ref Z 6034 .U49 U44)  
Coverage: 1785 to 1970  
Includes Geological Literature of North America 1785 – 1918.

**Academic Journals:**

Bell Library subscribes to the following geology-related journals either in print and/or online. Visit the Periodical Holdings List (PHL) on the Bell Library webpage to obtain access info for any of these publications.

Atlantic Geology  
Bulletin of engineering geology and the environment  
Chemical Geology  
Economic Geology  
Engineering Geology  
Environmental Geology  
Geology  
Geology Today

International Journal of Coal Geology  
The Journal of Geology  
Journal of Iberian Geology  
Journal of Metamorphic Geology  
Journal of Petroleum geology  
Journal of Structural Geology  
Marine and Petroleum Geology  
Marine Geology  
Mathematical Geology  
Modern Geology  
New Zealand Journal of Geology and Geophysics  
Norsk Geologisk Tidsskrift. Norwegian Journal of Geology  
Ore Geology Reviews  
Proceedings of the Estonian Academy of Sciences, Geology  
Resource Geology  
Russian Geology and Geophysics  
Sedimentary Geology  
South African Journal of geology

### **Government Information**

#### **FEDERAL DOCUMENTS:**

New Publications of the U.S. Geological Survey (Ref Z 6034 .U49)  
USGS Bulletins. (Reference Annex I 19.3: )  
USGS Professional Papers (Reference Annex I 19.16: )  
USGS Water Supply Papers (Reference Annex I 19.13: )

#### **TEXAS STATE DOCUMENTS:**

Texas Water Development Board. Reports (Texas Documents W 600)  
Texas Board of Water Engineers. Bulletins (Texas Documents W 700)  
Texas Dept. of Water Resources. Reports (Texas Documents W 1125)

### **For More Information**

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