



Environmental & Earth Sciences Library Resource Guide

Finding Books

You can find books in [UT Library Catalog](#) (or the OhioLINK Library Catalog) using keywords for your topic or use the subject headings and related topics such as listed below. More help is available from the [UT Library Catalog Guide](#). Most books will be in the Call Number ranges of GB, GE, GF, QE, QK, QL, and S.

ecology **geology** **earth sciences** **evolution**
Biodiversity **soils** **wildlife conservation**

Finding Articles

[Biological Abstracts](#) OhioLINK Research Database (1980-) Print version (1926-1979) in Science Indexes
Also known as *BIOSIS*, this database contains abstracts to articles in over 5,500 life science journals. International in scope, it includes research in the fields of biology, botany, biochemistry, biotechnology, pharmacology and zoology. Updated weekly. For help using this index, use the [OSearch Databases library guide](#).

[Environment Complete](#) OhioLINK Research Database
Covers applicable areas of agriculture, ecosystem ecology, energy, natural resources, marine & freshwater science, geography, pollution & waste management, environmental technology, environmental law, public policy, social impacts, urban planning, and more. *Environment Complete* contains citations for articles from 1,200 domestic and international journals, as well as 100 monographs. For help in using this index, use the [EBSCOhost Databases library guide](#).

[GeoRef](#) OhioLINK Research Database (1785-)
GeoRef provides access to the geoscience literature of the world. The database indexes geoscience journal articles, books, maps, conference papers, reports, and theses. The GeoRef database covers the geology of North America from 1785 to the present and the geology of the rest of the world from 1933 to the present. The database includes references to all publications of the U.S. Geological Survey. Updated monthly. For help using this index, use the [OSearch Databases library guide](#).

[Greenfile](#) OhioLINK Research Database
GreenFILE offers well-researched but accessible information covering all aspects of human impact on the environment. Its collection of scholarly, government and general-interest titles include content on the environmental effects of individuals, corporations and local/national governments, and what can be done on each level to minimize negative impact. GreenFILE is multidisciplinary by nature and draws on the connections between the environment and a variety of disciplines such as agriculture, education, law, health and technology. For help using this index, use the [EBSCOhost Databases library guide](#).

[Science Citation Index](#) OhioLINK Research Database (1980-)
The database indexes 5,700 major journals across 164 scientific disciplines. Some of the disciplines covered include: astronomy, biochemistry, biology, chemistry, materials science, mathematics, medicine, pharmacology, physics, plant sciences, and zoology. Use this database to trace research by a particular person or to discover articles that cite a particular person's work (cited author search). For help using this index, use the library guide titled [Using ISI Citation Indexes](#).

Definitions

Oxford Reference: Earth & Environmental Sciences (online)

Dictionary of Ecology, Evolution and Systematics. 2d edition. 1998.

Dictionary of environmental science and technology. 1996

Dictionary of natural resource management. 1996.

Facts on File Dictionary of Environmental Science. 2001.

[On Campus, Off Campus](#)

Reference QH540.4 L56.

Reference GE10 .P67

Reference S922 .D86

Reference TD9 W95.

Standard Reference Sources

- Beacham's guide to international endangered species.* 1998. 3 volumes. Reference QL82 .B435
- Five Kingdoms: An Illustrated Guide to the Phyla of Life on Earth.* 1998. Reference QH83 M36.
- Grzimek's animal life encyclopedia.* 2001. Reference QL3 .G7813
- Hey's mineral index : mineral species, varieties, and synonyms.* 1993. Reference QE357 .C53

Background Information

The following are some of the subject-specific encyclopedias that can help you find basic information about a biological topic. They are all found on the first floor of Carlson Library.

- Encyclopedia of Biodiversity.* 2001. 5 volumes. Reference QH591.15 B56 E53x.
- Encyclopedia of earth sciences.* 1999. 2 volumes Reference QE5 .E5137
- Encyclopedia of Endangered Species.* 1994. Reference QH75 A1E53.
- Encyclopedia of Environmental Studies.* 2001. Reference TD9 A84.
- Encyclopedia of Life Sciences* (online).
- Environmental Encyclopedia.* 1998. Reference GE10 E57.

Digital Media Collections from the OhioLINK Digital Resource Commons

- <http://dmc.ohiolink.edu/science.htm>
- [Borror Laboratory of Bioacoustics, Digital Animal Sounds](#)
- [Geology Digital Photographs](#)
- [LANDSAT 7 Satellite Images](#)
- [Ohio Agricultural Experiment Station Forestry Image Collection](#)

Internet Resources

Biology is a large discipline, so this list is not exhaustive. This list of Internet sources will help you get started. The organizations listed usually have their own pointers to useful web pages.

University of Toledo Sites:

- Department of Environmental Science.* <http://www.utoledo.edu/as/envsciences/>

U.S. Government Sites:

- U.S. Department of the Interior* <http://www.doi.gov/>
Several of the DOI's bureaus deal with the environment of the United States: National Park Service, Fish & Wildlife Service, Bureau of Land Management, Geological Survey, and Bureau of Reclamation.
- U.S. Department of Agriculture* <http://www.usda.gov/>
Information provided by the Dept. of Agriculture runs the gamut from biotechnology to food safety to sustainable development.
- U.S. Environmental Protection Agency* <http://www.epa.gov/>
The EPA provides news and educational information as well as access to seven major databases.

Professional Societies:

- American Institute of Biological Sciences* <http://www.aibs.org/>
- American Geological Institute* <http://www.agiweb.org/>
- American Geophysical Union* <http://www.agu.org/>
- Association for Women Geologists* <http://www.awg.org/>
- Ecological Society of America* <http://www.esa.org/>
- Geological Society of America* <http://www.geosociety.org/>
- Society for Conservation Biology* <http://conbio.net/scb/>