

This guide is intended to help you get started in your search for information on Geology at the Library of Science and Medicine (**LSM**). For more comprehensive information, find **Research Resources**, then **Subject Research Guides** on the Rutgers Libraries home page:

http://www.libraries.rutgers.edu/rul/rr_gateway/research_guides/research_guides.shtml.

For further information on our resources or guidance on searching a specific topic, please consult a reference librarian.

Find an article

Indexes and Databases: tell you what journal articles have been written on a subject or by a particular author and lead you to the most up-to-date research.

Electronic Databases: Click on “**Find Articles**” on the Rutgers University Libraries web page. Then select “**Indexes and Databases**”; all titles are accessible from on-campus computers. Rutgers faculty, staff, and students can access databases from off-campus; click on “**Connect from Home**” on the Libraries web page.

- **GeoRef** is the premier online resource for bibliographic information about geology and the geo-sciences, going back in time as far as 1785.
- **Applied Science and Technology (full text)** covers several relevant fields such as petroleum & gas, atmospheric sciences and general geology.
- **Ocean Technology, Policy and Non-Living Resources (AFSA2)** provides coverage of oceanography: physical, descriptive, dynamical, chemical, geological, and biological aspects, as well as limnology, ocean engineering, and specific resources. It also covers international policy and legislation, meteorology and climatology, technology and engineering, which are related to oceanography.
- **Web of Science** is a large, interdisciplinary database covering all sciences, including geology, back through 1995. It is useful for finding articles that have cited a known article.
- **INSPEC** is primarily a physics database, but it also includes a wealth of information about geo-science/geophysics topics, from 1969 to date.
- **SciFinder Scholar** is the chemistry database, and comprehensively covers the subject of geochemistry (from 1907 to date). **Note:** access to SciFinder Scholar is limited to specific computer workstations, and require that the user have an RU NetID. Consult library personnel for additional information.

Another tool for searching the literature on geology is **Google Scholar**. Google scholar is a free database on the web and provides access to many full-text articles. Make sure to connect through the libraries website to Google Scholar for easier access to full-text articles.

Print Indexes: at **LSM** are found in the Reference Section of the Library on the 1st floor, shelved with the **Reference Books** by Call Number.

- Bibliography and Index of Geology, **LSM REF QE1.B55**
- Geographical Abstracts: Physical Geography, **LSM REF QE1.G6**

Journals

LSM carries an extensive collection of journals in geology. Print journals are shelved alphabetically by title on the 3rd floor of the library. Many journals are available online and can be accessed through **IRIS**, our online catalog (<http://www.iris.rutgers.edu>) or electronic journals list.

Internet Sources

The following is a very selective list of Internet sources on Geology:

- <http://geology.rutgers.edu/>; Rutgers University Dept of Geological Sciences
- <http://www.usgs.gov/>; United States Geological Survey
- <http://www.state.nj.us/dep/njgs/index.html>; New Jersey Geological Survey
- <http://www.geosociety.org/>; Geological Society of America (GSA)
- <http://earth.agu.org/>; American Geophysical Union (AGU)
- http://gcmd.nasa.gov/records/GCMD_EARTH_CRUST_USGS_GeoNames.html ; Geologic Names of the United States (GEONAMES)
- <http://www.state.nj.us/dep/gis/>; New Jersey Dept of Environmental Protection Geographic Information System (GIS)

Reference Books

Reference Books will help you find factual data. They are located in the Reference Section on the 1st floor of the library. The following are a few of the Geology reference books at LSM.

- Handbook of Physical Constants; **LSM REF Q199.C58 1966**
- Encyclopedia of Earth System Science; **LSM REF QE5.E514**
- Glossary of Geology; **LSM REF QE5.B38**
- Geologists and the History of Geology; **LSM REF QE21.S27**
- Index of New Jersey Geological Survey up to 1918; **LSM REF QE141.N42**
- Bibliography of Geoscience Theses of the United States and Canada; **LSM REF QE76.B54 1993**
- Handbook of Mineralogy; **LSM REF QE 366.8 .H36**
- CRC Handbook of Physical Properties of Rocks; **LSM REF QE 431.6.P5H36**
- Treatise on Invertebrate Paleontology; **LSM REF QE770.T7**
- Bibliography of Fossil Vertebrates; **LSM REF QE841.B523**
- Minerals Yearbook; **LSM REF TN23.U612**

Government Documents

LSM is a federal and NJ state depository library and has many geology government publications, including maps. LSM receives all U.S. Geological Survey (USGS) publications and NJ Geological Survey publications. LSM also has publications from other federal agencies and many state geological surveys. Please refer to "**Government Documents Card Catalog: A Library Quick Guide**" and "**Maps: A Library Quick Guide**" for more information.