



GL340 Structural Geology- Research Guide
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Objectives:

- To perform an exhaustive search using numerous databases, catalogs and websites on a geologic locale to develop a research presentation and outline.
- Create a complete bibliography in GSA format using RefWorks.

Reference Materials:

Use subject encyclopedias and other reference sources to identify and define search terms. XReferPlus provides online access to 180 reliable subject encyclopedias and dictionaries. Some useful reference resources are:

- Encyclopedia of Geomorphology REF GB400.3 .E53 2004
- Natural Hazards REF GB5014 .B79 2005
- Encyclopedia of the Arctic REF G606 .E49 2005
- Europa World Year Book REF JN1 .E85 2006
- McGraw Hill Encyclopedia of Science & Technology REF Q121 .M3 2002
- Encyclopedia of Physical Science & Technology REF Q123 .E497 2002
- Encyclopedia of Earth Science REF QE5 .K85 2005
- Encyclopedia of Geology REF QE5 .E516 2005
- Oxford Companion to the Earth REF QE5.O94 2000
- Concise Encyclopedia of Mineral Resources REF TA402 .C66 1989

Create some type of search strategy map, possibly a table or concept map that will help you generate broader and narrower concepts that go along with your basic research location.

Canad*	&	Geolo*	&	history
Subarctic		Kimberlite		Econom*
Northwest Territory		Diamond		Regional geology
Ekati				Mining or Extract*

RefWorks:

RefWorks allows you to download, manage, and store citations for your research projects. You can import citations directly from almost all of Augustana's electronic databases or manually enter bibliographic information from non-electronic sources. Once you've added your citations to your RefWorks database, use RefWorks to easily format your papers and generate your bibliographies in any citation style. You can access your RefWorks database from any computer with an internet connection.

Where to find information?

- Books?
- Broadest, most general database?
- Best Geological databases?
- News databases?
- General Science databases?

- Once you identify an article, go to **Augustana's Periodicals** and enter the journal name to find library location and dates. If we don't own the journal, an article can be requested by selecting **Interlibrary Loan** button on the Library screen and submitting the article information or by using the ILL option in the database.

Loring Map Library:

- USGS topographic maps for the entire United States at the 1:100,000 scale. In addition we are a depository for 1:24,000 scale or 7.5 minute maps for 22 states.
- Atlases from around the world; gazetteers for all states for which we are a depository of 7.5 maps.
- Three dimensional relief maps for the segments of the United States

Evaluating Web Pages – use CARE

Currency - Is this information up to date? Does it matter for my topic?

Authority - Is there an author(s)? What are their credentials? Find out by exploring further in biographical resources like *Who's Who* REF EF663 or Dissertation Abstracts on the Databases A-Z list.

Reliability - Is this a credible source? What is the domain?

Expertise - Do other experts agree?

Final Thoughts:

- Research is a non-linear, recursive process. Experiment with your search terms and follow interesting descriptors where they lead.
- Keep careful notes as you work. It's easier to record as you go than to recreate a valuable search later.

- **Need more help? Contact me in Office 226 or ask a librarian on duty at the reference desk. Have fun.**