

ENVIRONMENTAL SCIENCES RESEARCH GUIDE

PURPOSE

The purpose of this document is to outline the available resources that Library Services provides to support students in the Environmental Sciences program at Medicine Hat College. Please contact the library for further assistance.

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ARTICLES

You can locate journal, magazine, and newspaper articles using databases. These resources cannot commonly be accessed using standard search engines such as Bing, Google, Yahoo, etc.

Databases are located at: <http://www.mhc.ab.ca/Library/Resources/Databases.aspx>

Databases that you can employ specifically for your program include:

- [Environment Complete](#) [EBSCO]
With more than 1,590,000 records and 400+ full-text journals, this database covers all areas related to environmental science studies.
- [ScienceDirect College Edition](#) [Elsevier B.V.]
This database contains over 1800 full-text peer reviewed journals. The journals cover behavioural/social sciences, health/life sciences, and physical sciences (i.e., biology, chemistry, geology, mathematics, and physics).
- [GreenFILE](#) [EBSCO]
This is a free research database focusing on the relationship between human beings and the environment.
- [Applied Science and Technology Full Text](#) & [General Science Full Text](#) [H. W. Wilson]
These databases cover a wide variety of scientific fields including: atmospheric science, biology, botany, chemistry, conservation, earth science, environment, mathematics, oceanography, physics, and zoology. There are more than 200 full-text journals accessible through them.
- [Academic Search Complete](#) [EBSCO]
This database indexes over 9,000 publications in a variety of disciplines and provides full-text for over 5,500 of these publications. Other databases listed under the "[General/Multidisciplinary](#)" heading of the main databases page might be applicable.

For an overview and search tips, go to:

http://www.mhc.ab.ca/Library/Resources/~media/Files/library_documents/how_to_guides/general_research_guides/database_tips.pdf

BOOKS & AUDIOVISUALS

Search the library catalogue (<http://darius.uleth.ca/search~S2>) to find books and audiovisual resources on a topic.

Browse the library catalogue or shelves using these associated terms and call number ranges respectively:

- GE 1-350 [Environmental sciences](#) (General).
 - GE 70-90 [Environmental education](#).
 - GE 170-190 [Environmental policy](#).
 - GE195-199 [Environmentalism](#). [Green movement](#).
 - GE 300-350 [Environmental management](#).
- QE 1-996.5 [Geology](#).
- QH 1-278.5 [Natural history](#) (General).
- S 900-972 [Conservation of natural resources](#).
- SK 351-579 [Wildlife management](#). Game protection.
- TC 1-978 [Hydraulic engineering](#).
 - TC 401-506 River, lake, and [water-supply engineering](#) (General).
 - TC 530-537 River protective works. Regulation. [Flood control](#).
 - TC 540-558 [Dams](#). Barrages.
 - TC 601-791 Canals and inland navigation. Waterways.
 - TC 801-978 [Irrigation engineering](#). Reclamation of wasteland. Drainage.
- TD 1-1066 [Environmental/green technology](#). [Sanitary engineering](#).

WEBSITES

Alberta Environment (<http://www.environment.alberta.ca/>)

- The province of Alberta's website on all things environmental.

Alberta Environmental Network Society (<http://www.web.ca/~aen/>)

- Highlights current environmental issues of concern to Albertans.

Canadian Institute for Environmental Law and Policy (<http://www.cielap.org/>)

- Examine the environmental, social and economic impacts of current policies, laws and practices and by researching, formulating and communicating more sustainable alternatives. Some documents available full-text.

Canadian Wildlife Federation (<http://www.cwf-fcf.org/>)

- Programs, resources, news, issues and action.

Environment Canada (<http://www.ec.gc.ca/>)

- The official website of federal government of Canada.

Environmental Sustainability Index (<http://www.ciesin.org/indicators/ESI/index.html>)

- Measures environmental progress of nations using combinations of 67 variables, hosted by Columbia University.

United Nations Environment Programme World Conservation Monitoring Centre (<http://www.unep-wcmc.org/>)

- Many full-text reports available.

OTHER HOW-TO GUIDES

Library Services produces a number of how-to guides to assist you with academic writing (APA and MLA styles), Microsoft Office, research and technology guides, as well as class specific handouts.

Other how-to guides can be located at: http://www.mhc.ab.ca/Library/Get_Assistance/How-To_Guides.aspx

CONTACT LIBRARY SERVICES

Library Services offers many points of assistance:

- In person (Information Desk)
- Telephone: 403.504.3544; Toll free: 1.866.282.8394 (ext. 3544)
- E-mail (http://www.mhc.ab.ca/Library/Get_Assistance/Email.aspx)
- Instant Messenger (*Library Online Agents*; http://www.mhc.ab.ca/Library/Get_Assistance/IM.aspx)
- Text Messaging: 403.866.5872