Bibliography of the Athabasca River Basin (BARB):

Building a Digital Tool to enhance Athabasca River Basin (ARB) research and access to multi-disciplinary knowledge

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About BARB

- Project Goals: To enhance Athabasca River Basin research and access to knowledge by identifying, locating, and making research and scholarly resources and information on the Athabasca River Basin (ARB) freely accessible to the general public.

- Project led by Athabasca River Basin Research Institute with support from AU Library, Advancement Office, academic centers, researchers, and CEMA (Cumulative Environmental Management Association).

- Five years project with funding from Imperial Oil Foundation, Suncor Energy, Athabasca University and Provincial Government.

About Athabasca River Basin

Project Objectives

– To develop a highly utilitarian bibliographic database that will integrate a number of databases from various disciplines and will serve as the foundation for ARB research and Study.

– To preserve and digitize ARB research materials and resources, including audio, video, images and text.

Benefits of BARB

- Provide 24/7 free, easy access to latest ARB knowledge and information in one place.

- Facilitate sharing of knowledge, research, and scholarly communication through open access/OER.

- Online database resources are fully searchable, retrievable, discoverable, and reusable for research and study.

- Fully interactive, allowing users to submit, rate the resources and leave comments.

- Accommodate both desktop and mobile access.

http://barbau.ca

Content

- More than 30,000 entries including reports, journal articles, dissertations , and learning objects.
- Selected and reviewed by professional librarians and researchers
- Multi-disciplinary coverage includes:

  – Sciences

  – Social Sciences

  – Humanities

  – Economics

CONTENTdm

Metadata

Metadata fields

View and configure collection and administrative fields.

Collection field properties

View, add, edit and delete fields. Enable full text searching and controlled vocabulary. After you have added, changed, or deleted fields, index the collection to update changes.

	Field name	DC map	Data type	Large	Search	Hide	Required	Vocab		add field
1	Title	Title	Text	No	Yes	No	Yes	No	move to ∨	edit | delete
2	Author(s)	Creator	Text	Yes	Yes	No	No	No	move to ∨	edit | delete
3	Abstract	Description	Text	No	No	No	No	No	move to ∨	edit | delete
4	Date	Date	Text	No	No	No	No	No	move to ∨	edit | delete
5	Publication	Publisher	Text	No	Yes	No	No	No	move to ∨	edit | delete
6	Item Type	Type	Text	No	No	No	No	No	move to ∨	edit | delete
7	Volume	Creator	Text	No	Yes	No	No	No	move to ∨	edit | delete
8	Pages	None	Text	No	Yes	No	No	No	move to ∨	edit | delete
9	Language	Language	Text	No	No	No	No	No	move to ∨	edit | delete
10	Discipline/Topic	Subject	Text	No	No	No	No	No	move to ∨	edit | delete
11	ISSN/ISBN	Identifier	Text	No	No	No	No	No	move to ∨	edit | delete
12	URL	None	Text	No	Yes	No	No	No	move to ∨	edit | delete
13	Active Link	None	Text	No	No	No	No	No	move to ∨	edit | delete
	Field name	DC map	Data type	Large	Search	Hide	Required	Vocab		add field

Drupal

Drupal modules

Including:
- FAQ
- Forms
- Sitemap
- WYSIWYG editor
- Comment
- Mobile UI

Biblio

Formats entries as:
- American Medical Association (AMA)
- American Psychological Association (APA)
- Chicago
- Council of Science Editors (CSE)
- Institute of Electrical and Electronics Engineers (IEEE)
- Modern Language Association (MLA)
- Vancouver

Browse

- ## Extensive metadata

- ## Browse by topic

Browse by topic

Click any of the topics below to browse all items within that topic

- Agriculture
- Anthropology
- Archaeology
- Atmospheric Sciences
- Biology
- Chemistry
- Engineering
- Environmental Impact Assessments (EIAs)
- Environmental Science
- Forestry
- Geography
- Geology
- Hydrology
- Mathematics
- Medicine
- Oil & Other Non-renewable Fuels
- Physics
- Pulp & Paper-mills

- ## Browse by geographic feature

Browse by geographic feature

Click one of the feature types below to list all of those features within the basin. The individual features are clickable and will take you to a list of items containing that feature as a keyword.

- Lakes
- Rivers
- Creeks

Search

Apache Solr

- Fast

- Open

- Full-text

- Faceted

- Geospatial

More like this

- Managing mule deer in the 1990's and beyond : results of a survey of opinions, attitudes and activities of Alberta's resident mule deer hunters

- Managing moose in the 1990's and beyond : results of a survey of opinions, attitudes and activities of Alberta's resident moose hunters

- Alberta resident harvest of moose, elk, white-tailed deer and mule deer in 1984

- Management plan for white-tailed deer in Alberta

- A review of the ecological relationships between mule and white-tailed deer

OAI

- Open Archives Initiative

- A framework to Share data

- CONTENTdm and Drupal are both OAI-PMH compliant

Maps

Basin map

The map below outlines the boundaries of the Athabasca River Basin. Use the controls to zoom in and out.
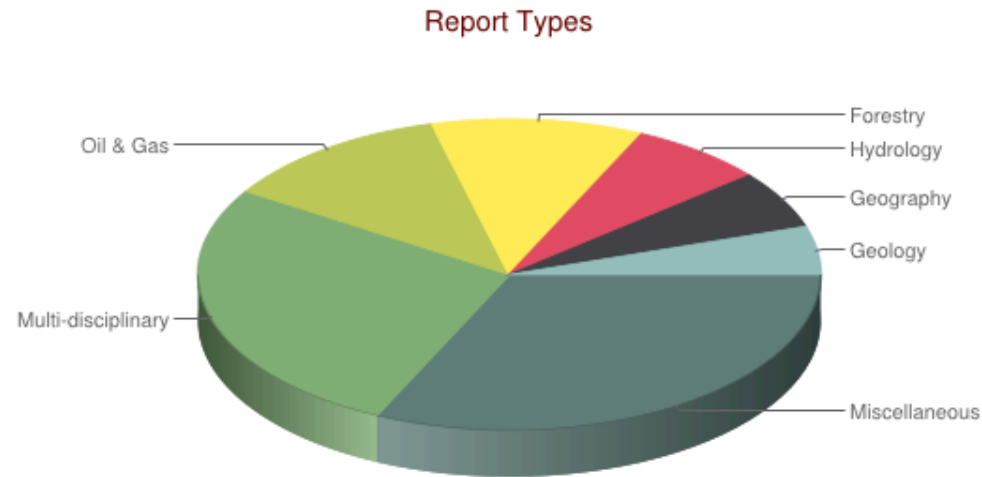
Charts

Report Types

Figure 2. Relative percentages of governmental and industrial reports relating to the ARB as of 31 August 2010. n = 15,885.
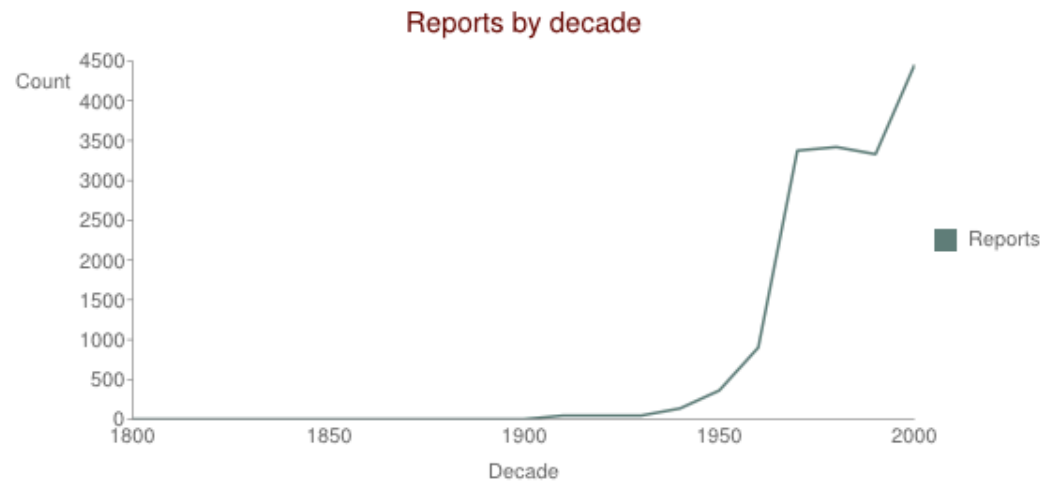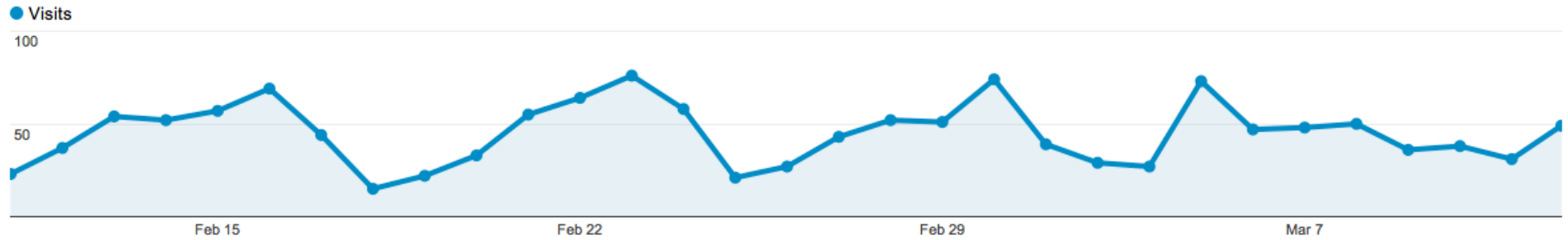

Reports by decade

Figure 3. Number of ARB reports produced each decade from 1800 to 2009. n= 15,270.

Analytics