OC Library WebPage  www.okanagan.bc.ca/library  Refer to CMNS133 LibGuide

CMNS 133 LibGuide tab > Library Home Page

Search OCtopus for Books, Media, Articles, and More!

Access Tip!
For off-campus & wireless access, at Guest prompt enter MyOkanagan user name (current OC student id number) and password

Results include OC books, e-books & media, some e-reference titles, reports, academic & scholarly journal articles, popular magazine and newspaper articles.
For engineering technology & science research, it searches EBSCOhost article databases – Academic Search Premier, GreenFile plus Science Direct, and ProQuest databases like ABI/Inform & CBCA which include full text content for key academic journals

Search examples:  wetland* canada  wetland* (restoration OR mitigation)  wetland* (seasonal OR temporary)  “constructed wetlands”  ecosystem services

Tips!  "phrase" “constructed wetlands”  toxi* finds toxic, toxicity, toxicology, toxin, toxins

At the left menu, Refine your results

1. Click Print books only, to limit to books on campus libraries shelves
   Click Resource Types  e-books [click show more]
   before opening e-book PDF, click Most relevant pages or Table of Contents

2. For Journal Articles
   Tick Scholarly (Peer-Reviewed) Journals  OR
   Click on Resource Types  Academic Journals  Trade Publications

3. To limit your results further,
   . Date slider  e.g. for recent publication dates,  2014-2019
   . Click open Subject  click show more.  Tick those most relevant to your topic
   . Click open Geography, and tick Canadian, North American options
At the bottom left menu, tick the box next to a specific database (click Show More to see the full list of databases with results) e.g. Science Direct (research articles), Greenfile (environmental journals)

4. Need better results?

 change to Advanced Search
 fill up the search box rows with keyword combinations (Boolean) select a field SU

Example:

wetland* SU subject terms
AND restoration OR mitigation
AND Canada
AND wildlife OR habitat OR ecology

5. Need more results?

On right menu column, Also Try Searching,
. click ABI/Inform Complete which has significant water engineering journals

. click a specific Canadian database from ProQuest
Canadian Business & Current Affairs (CBCA) (academic articles)
results displayed in a new window
Tip! Click Modify Search to re-apply limits for publication date, peer-reviewed

Under left menu column, Untick the box Available from OC.
If there is no full-text for your desired result(s), click Request this item through interlibrary loan link to submit an online interlibrary loan request

Results Tip!
Use Add to Folder to gather your selected results then print/email/save results set
. Click the Cite tool. Or when emailing results, check citation format box (for APA) so you also get a References list along with full-text of your articles

CMNS 133 LibGuide tab > Recommended Research Databases

Also Library webpage tab > Articles & Databases > by Subject > Technologies

Science Direct
very current for premier academic journals
Click “Advanced search”
• In left menu, under Article Type, tick Research articles and/or Review articles
• Click into a result, look to right for Recommended articles and Citing articles

ABI/Inform
Results in water resources research and environmental technology journals
Limit to: peer-reviewed Publication date: select a range Location: enter Canadian

If there is no full-text for your desired result(s), click Request this item through interlibrary loan link to submit an online interlibrary loan request
Google Scholar

Use Advanced Search to access articles from a wide variety of academic publishers, professional societies and universities plus scholarly articles available across the web & JSTOR.

Tip! Click Advanced Search Tips on top menu bar then click Library Links, Find Library, follow the steps for Scholar Preferences. Type Okanagan College. Save Preferences. Then at your search results list, you will have option to Click on Get It from OC? And potentially find it freely available at OC.

If books or journal articles are not found in this Get search across OC, request a copy via interlibrary loan.

CMNS LibGuide tab > Government Information  For Grey literature & Web sources

Websites for Government ministries, authorities, research agencies and educational research institutions:

Tip! In Google search, add a domain limiter to your topic words

wetland* management site:.gov.bc.ca  expand to:  site:.bc.ca  site:.ca

CMNS 133 LibGuide tab > CMNS APA Guide

- Keep details of your sources in a Research Journal; cite them (in-text) in your report & list them on a References page at the end of your report or presentation.
- Library WebPage > Citation Guides (APA, Chicago, MLA) for examples of sources cited in APA format (Short PDF guide created by OC librarians)
- OC Library’s online APA Citation tutorial
- APA Style Guide from Purdue University Online Writing Lab (OWL)

Need help?

- Ask librarians at the Library Research Help desk
- Ask a question under Library WebPage > Research Help
- Ask for a consultation with a specific librarian:

  Gilbert Bede, WET librarian  email: gbede@okanagan.bc.ca
  Michelle Ward, Biology, Chemistry, EngTech & Kelowna Campus Librarian (author of this handout) email: mward@okanagan.bc.ca
  Jill Sinotte, CMNS librarian  email: jsinotte@okanagan.bc.ca
Scientific Information: Primary – Secondary Literature

Scientific information evolves through a continuous process of communication among scientists. It develops in cycles moving from ideas, through research that tests ideas, to publications reporting the results, first in primary literature and later in secondary and, if significant enough, in tertiary literature.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>IDEA</th>
<th>Identification of a problem or issue. Formation of a hypothesis.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RESEARCH</td>
<td>Search of the literature to see what has been done before (Literature Review) and testing of the hypothesis in the lab or field.</td>
</tr>
<tr>
<td>Years 1-3</td>
<td>INVISIBLE COLLEGE</td>
<td>Informal discussion of research with colleagues via email, discussion lists, at meetings, seminars, webinars etc.</td>
</tr>
<tr>
<td></td>
<td>GREY LITERATURE</td>
<td>More formal record of research published as preprint or technical report, a personal or institutional/agency website, or given as a paper at conference for which proceedings not published. Example: Okanagan Basin Water Board - Annual Meeting, forums &amp; workshops and Projects website. (This type of publication is part of the primary literature, since it is an original record of research, but is called &quot;grey&quot; because harder to locate than readily available primary literature)</td>
</tr>
<tr>
<td></td>
<td>PRIMARY LITERATURE</td>
<td>Detailed record of research formally published as an article in a journal or a paper in the published proceedings of a conference. Some are brief reports of research in progress; with whole journals or a section of a journal devoted to this format. Unlike these brief reports and papers delivered at conferences, the longer research articles in scholarly journals are peer-reviewed prior to publication lending them the most authority. Look for abstract, methodology, results, discussion, references as key features of an original / primary research article.</td>
</tr>
<tr>
<td>Years 3-5</td>
<td>SECONDARY LITERATURE</td>
<td>Publications summarizing and pointing to the primary literature soon after it appears. Their main purpose is to facilitate timely access to scientific information, most readily through article databases, in which you search across journals to find articles of interest. Review articles published in journals or appearing in annual volumes devoted exclusively to reviews. A review is a digest of recent research in a particular subject area &amp; invaluable for background information. Add &quot;review&quot; as a keyword in article databases/search engines. Scientific Magazines &amp; Newspapers published for a broader and more popular audience; not peer-reviewed; contain research of others rather than the original reports. Example: New Scientist. Scholarly Books that review current literature (can be edited collections of essays/reports) Ecology of freshwater and estuarine wetlands / edited by Darold P. Batzer and Rebecca R. Sharitz. University of California Press. Kelowna Circulating Collection. QH 541.5 .M3 E26 2014.</td>
</tr>
<tr>
<td>Years 5-10</td>
<td>TERTIARY LITERATURE</td>
<td>Publications that also summarize and point to the primary literature, but generally only after it has become widely accepted and believed, such as handbooks, encyclopedias, textbooks, and popular literature—all good sources for background information. Example: Access Engineering ebooks &gt; Handbook of Applied Hydrology</td>
</tr>
</tbody>
</table>