Library Resources for CIVE 432 – Civil Engineering Technical Paper

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Introduction

After the lecture today, you will be able to:

1. Find **background information** for researching a topic

2. Search the **library catalogue** and **research databases** to find books and journal articles
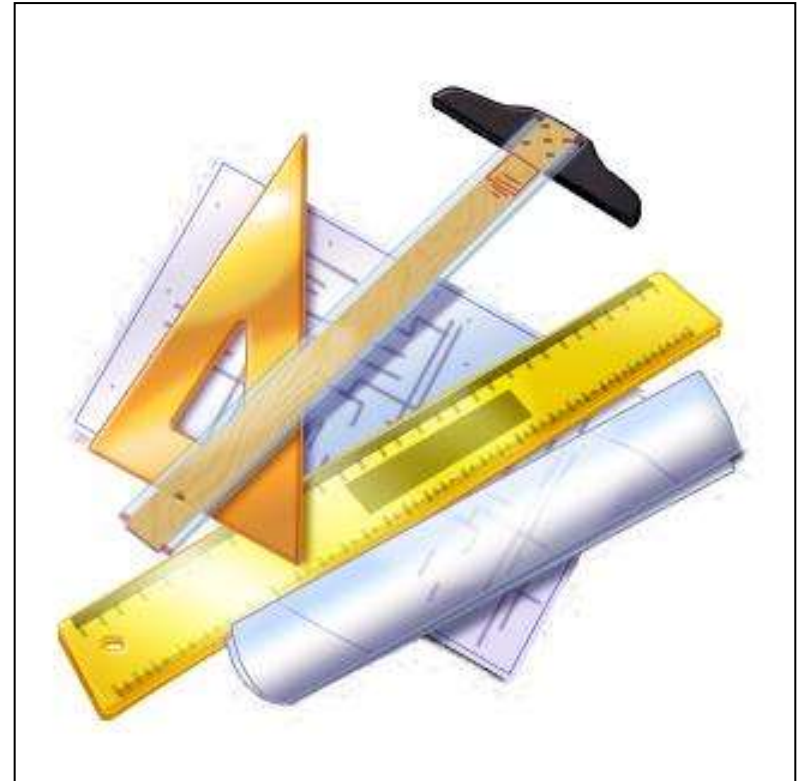
3. Manage your citations with **EndNote**

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"Researching & Citing for your Technical Paper" Workshop

Wed. Jan. 7

12:30-2pm

Schulich Library

Room 313 (level 3)

Finding Background Information

Course guide for CIVE 432

www.mcgill.ca/library/find/courses/guides/cive432

- Starting point for your research
- Provides links to dictionaries and encyclopedias, list of core research databases, style and writing guides, and other useful information to get you started
- Includes liaison librarian's contact information

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Tracking Your Research

EndNote

- Import references from library catalogue and databases

- Store, organize, and format your references

- Create bibliographies with Microsoft Word

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Managing Your References

Sample Topic

Increasing safety of railway bridges for use in seismic zones

http://en.wikipedia.org/wiki/File:KSR_Train_on_a_big_bridge_05-02-12_71.jpeg
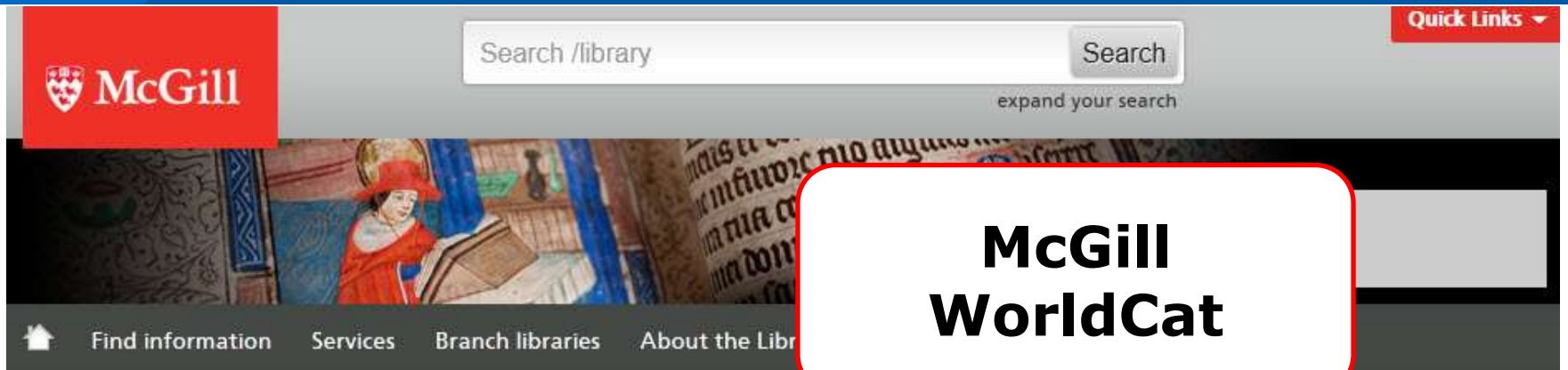
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Formulating a Search Strategy

- Read your topic carefully and circle the words that you think represent the key concepts
  - e.g. Increasing safety of railway bridges for use in seismic zones
- Think of other words, or synonyms, that could also be used to represent each of the concepts

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CONCEPT 1: Safety	CONCEPT 2: Railway	CONCEPT 3: Bridges	CONCEPT 4: Seismic
• Safe	• Railroad • Trains • Railway system	• Girders • Bridge design	• Seismic zone • Earthquakes

One Catalogue, Two Ways to Search

McGill WorldCat

Classic Catalogue

McGill Library. **Everything You Need.**

Article Databases

- ## Compendex
  - Covers all aspects of engineering.

- ## Web of Science
  - Covers all disciplines. Use Web of Science to see who has cited an article of interest on your topic.

- ## Scopus
  - Covers all disciplines. Use Scopus to see who has cited an article of interest on your topic.

- ## Google Scholar
  - Covers all disciplines. Use Google Scholar to see who has cited an article of interest on your topic.

Searching Article Databases

Boolean Operators

Increasing safety of railway bridges for use in seismic zones

- Use Boolean operators to connect search terms together

- Boolean operators include AND & OR

Google Scholar

Questions?

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