

Scholars Portal -- <https://scholarsportal.info>

Provides shared technology and collections for Ontario and Canadian university libraries. Scholars Portal provides university students, faculty, and researchers access to e-journals, e-books, and social science and geospatial data.

Our services include Dataverse, GeoPortal, and odesi.

Scholars GeoPortal

Scholars Portal Dataverse



Scholars Portal

A Service of the Ontario Council of University Libraries
Un service du Conseil des bibliothèques universitaires de l'Ontario

Curated Canadian Research Data Collections

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Scholars Portal **Dataverse**

Scholars Portal Dataverse undergoing self-assessment for CoreTrustSeal (CTS) Certification.

Started thinking about standardized procedures and policies among our member institutions, including data curation.



UQÀM



UNIVERSITY OF
CALGARY



UNIVERSITY OF
ALBERTA



UNIVERSITY OF
TORONTO



Queen's University

YORK U



Canadian university libraries are currently taking – what we call – a decentralized **Grassroots Data Archiving** approach.

Each university library **creates** its own research data management policies, **educates** their own researchers about these policies, **creates** and **maintains** their own digital repositories, **develops** and **creates** their own research data collections, and **champions** long-term preservation of research data collections.

Centralized and **national** research data management policies, procedures, and infrastructure are slowly advancing through organizations like **Portage/NDRIO** and through new **government funding agency** RDM requirements.

University librarians across the country volunteer their time with **expert groups**, such as the Curation Expert Group and the Preservation Expert Group, through Portage to share **best practices** and develop **communities of practice**.



Government
of Canada

Gouvernement
du Canada

NDRIO

New Digital
Research Infrastructure
Organization

NOIRN

Nouvelle organisation
d'infrastructure de
recherche numérique

portage

SERVICES PARTAGÉS POUR LES DONNÉES DE RECHERCHE
SHARED STEWARDSHIP OF RESEARCH DATA

Our poster is a small, geographically-dispersed example of research data collections in Canada that have been curated using this grassroots approach.

Each collection was curated by academic librarians working collaboratively with researchers to meet the needs of the research project.

What is curated research data?

Research data is any type (or format) of data that is the result of “facts, measurements, recordings, records, or observations” about any person, place, or thing in the world, normally collected by a researcher during a research project.^[A]

Data curation is considered the management of research data such that it is findable, accessible, interoperable, and reusable.^[B]

Curated research data, therefore, is research data that has been checked, understood, updated, augmented, transformed, identified, optimized, and/or documented to ensure its continued use by the research community into the future.

These curated research data collections are small – but powerful -- examples of the research data collections available in Canada.

Data Types

- Tabular 
- Photo 
- Video 
- Audio 
- Map 
- Text 
- Other 

Data Collection URLs:

1. The Alberta Hall Project Meteorological & Barge-Humphries Radar Archive – <https://doi.org/10.7938/DVN/16572>
2. Mountain Legacy Project – <https://www.ford-dsfr.ca/repo/collection/mountainlegacy>
3. BIRS Workshop Lecture Videos – <https://open.library.utoronto.ca/ark:/61303/collection/55530>
4. Digitally Preserving Alberta's Diverse Cultural Heritage – <https://alberta.preserve.ucalgary.ca>
5. Qikiqtaruk/Herschel Island Digital Heritage Archive – <https://herchel.preserve.ucalgary.ca>
6. National Centre for Truth & Reconciliation Archives – <https://nctr.ca>
7. Cranial Nonmetric Trait Database 2013 – <https://hdl.handle.net/10864/TTVixX>
8. Practice & Research in Nursing Wound Studies 1999-2009 – <https://hdl.handle.net/10864/CCRHX8>
9. Ipsos Canadian Public Affairs Dataserve – <https://dataserve.scholarsportal.info/dataserve/ipsos>
10. Polar Data Catalogue – <https://www.polardata.ca>
11. Canadian Human Mortality Database – <http://open.biblio.umontreal.ca/cdm/>
12. Scholars Portal ODSI, GeoPortal, and Dataserve – <https://scholarsportal.info>
13. Northumberland Strait Coastal Restoration Project – https://dataserve.scholarsportal.info/dataserve/COINAtlantic_Projects
14. Canadian Gallup Polls – <https://dataserve.scholarsportal.info/dataserve/GallupCarleton>
15. The Icicle Atlas – https://dataserve.scholarsportal.info/dataserve/Icicle_Atlas
16. Forum Research/Political Science Data Archive – <https://dataserve.scholarsportal.info/dataserve/forumresearch>
17. Ipsos Global @diviser – https://dataserve.scholarsportal.info/dataserve/Ipsos_Global

Grassroots Data Archiving: A Decentralized Approach

Canadian university libraries take it upon themselves to:







- **Educate** the research community about research data management and **encourage** RDM plans for research projects.
- **Create** and **maintain** research data repositories using a variety of software and techniques.
- **Develop** and **curate** research data collections in multiple disciplines and data formats.
- **Champion** the long-term preservation of research data for future use.

The geographically-dispersed and diverse research data collections noted on this map are all **distinct and separate** initiatives that represent a **decentralized** approach to data archiving in Canada.

National initiatives, such as the Portage Network (NDRIO), and **multi-institutional repositories**, such as Scholars Portal Dataserve, are helping to establish communities of practice for curation and preservation of research data across Canada.

Centralized infrastructure, including national data repositories, are creating opportunities to support a **coordinated** grassroots data archiving approach in Canada.

Disciplines

- Social Science 
- Humanities 
- Health Science 
- Environmental Science 
- Physics 
- Mathematics / Statistics 
- Computer Science 