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# 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





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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.



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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.



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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



ERVICES PARTAGÉS POUR LES DONNÉES DE RECHERCHI SHARED STEWARDSHIP OF RESEARCH DATA

Our poster is a small, geographicallydispersed 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.



#### **Curated Canadian Research Data Collections**

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#### 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 finable, accessible, interoperable, and reusable.[8]

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

**Data Types** 

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

#### Grassroots Data Archiving: A Decentralized Approach

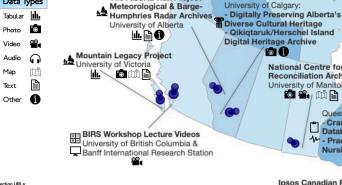
Canadian university libraries take it upon themselves to:

- Educate the research community about research data management and encourage RDM plans for
- 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

National initiatives, such as the Portage Network (NDRIO), and multi-institutional repositories, such as Scholars Portal Dataverse, 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



The Alberta Hall Project

(i) National Centre for Truth & **Reconciliation Archives** University of Manitoba Canadian Human -Mortality Database Université de Montréal Queen's University: - Cranial Nonmetric Trait Database, 2013 -W - Practice & Research in **Nursing Wound Studies** 

Disciplines Northumberland Strait Social Science ♣ Coastal Restoration Project Nova Scotia CLEAN Foundation Humanities 🚟 Health Science - 1/2-Environmental Science Physics ... Mathematics / Statistics Computer Science

#### Ipsos Canadian Public Affairs Dataverse

Wilfrid Laurier University <u>ய்.</u> இவ

Polar Data Catalogue
University of Waterloo

Scholars Portal (SP):

- ODESI - Scholars GeoPortal
- University of Toronto: - The Icicle Atlas

Canadian Gallup Polls Carleton University

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- Forum Research/Political
- Science Data Archive - Ipsos Global @dvisor

Practice & Research in Nursing Wound Studies 1999-2009 - https://hdl.handle.net/10864/CORXS losos Canadian Public Affairs Dataverse - https://dataverse.scholarsportal.info/dataverse/losos

Scholars Portal ODESI, GeoPortal, and Dataverse - https://scholarsportal.info Northumberland Strait Coastal Restoration Project - https://dataverse.scholarsportal.info/dataverse/COINAtlantic Canadian Gallup Polls - https://dataverse.scholarsportal.info/dataverse/GallupCarleton

Mountain Legacy Project - https://www.frdr-dfdr.ca/repo/collection/mountainlegacy BIRS Workshop Lecture Videos - https://open.library.ubc.ca/clRcle/collections/48630

Digitally Preserving Alberta's Diverse Cultural Heritage – https://alberta.preserve.ucalgary.ca

Qikiqtaruk/Herschel Island Digital Heritage Archive - https://Herschel.preserve.ucalgary.ca

The Icicle Atlas - https://dataverse.scholarsportal.info/dataverse/Icicle Atlas Forum Research/Political Science Data Archive - https://dataverse.scholarsportal.info/dataverse/forumresearch

The Alberta Hall Project Meteorological & Barge-Humphries Radar Archive - https://doi.org/10.7939/DVN/10672

References: [A] https://learn.scholarsportal.info/modules/portage/rdm-on-module-2/, [B] https://portagenetwork.ca/wp-content/uploads/2019/08/Brie-Guid-Guratios/ugust2019\_ENFR pdf.