

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.

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 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 Canada.

Data Types

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

Disciplines

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



Data Collection URLs:

1. The Alberta Hall Project Meteorological & Barge-Humphries Radar Archive – <https://doi.org/10.7939/DVN/10672>
2. Mountain Legacy Project – <https://www.frdr-dfdr.ca/repo/collection/mountainlegacy>
3. BIRS Workshop Lecture Videos – <https://open.library.ubc.ca/cIRcle/collections/48630>
4. Digitally Preserving Alberta's Diverse Cultural Heritage – <https://alberta.preserve.ucalgary.ca>
5. Qikiqtaruk/Herschel Island Digital Heritage Archive – <https://Herschel.preserve.ucalgary.ca>
6. National Centre for Truth & Reconciliation Archives – <https://nctr.ca>
7. Cranial Nonmetric Trait Database 2013 – <https://hdl.handle.net/10864/TTVHX>
8. Practice & Research in Nursing Wound Studies 1999-2009 – <https://hdl.handle.net/10864/CORX8>
9. Ipsos Canadian Public Affairs Dataverse – <https://dataverse.scholarsportal.info/dataverse/ipsos>
10. Polar Data Catalogue – <https://www.polardata.ca>
11. Canadian Human Mortality Database – <http://eee.bdlc.umontreal.ca/chmd>
12. Scholars Portal ODESI, GeoPortal, and Dataverse – <https://scholarsportal.info/>
13. Northumberland Strait Coastal Restoration Project – https://dataverse.scholarsportal.info/dataverse/COINAtlantic_Projects
14. Canadian Gallup Polls – <https://dataverse.scholarsportal.info/dataverse/GallupCarleton>
15. The Icicle Atlas – https://dataverse.scholarsportal.info/dataverse/Icicle_Atlas
16. Forum Research/Political Science Data Archive – <https://dataverse.scholarsportal.info/dataverse/forumresearch>
17. Ipsos Global @dvisor – https://dataverse.scholarsportal.info/dataverse/ipsos_UoT