

# How to deposit research data into Borealis, *the Canadian Dataverse Repository*

Researcher Training Program

## What are Research Data?

- Primary sources supporting research, scholarship or artistic endeavours
- Can be used as evidence to validate findings and results
- May take the form of experimental data, observational data, operational data, third party data, public sector data, monitoring data, processed data, or repurposed data
- All other digital and non-digital content have the potential to become research data

See: [Primer: Research Data Management](#)

## Examples of Research Data



- Spreadsheets
- Images
- Output from sensors and instruments
- Transcripts
- Surveys
- Software source code and tools
- Video
- Observation logs

## Why should I deposit my data?

Meet funder recommendations and requirements including the:

- [Tri-Agency Statement of Principles on Data Management](#)
- [Tri-Agency Open Access Policy on Publications](#)
- [Tri-Agency Research Data Management Policy](#)

Make your data easier to cite with a Digital Object Identifier (DOI)

Improve your data's accuracy, completeness, and usability

For the advancement of research and benefit of society

## What if I'm not ready for my dataset to be 'open'?



Data can be deposited with an embargo or restriction, providing a period of time before data is made public

Data that has ethical, legal, disciplinary or commercial restrictions does not need to be made public

A DOI or link to your dataset can be assigned for publication before making the dataset public

# How do I deposit my data?

## Option 1 – Local Options

Review the [Library's Research Data Management Guide](#) and fill out the [Data Deposit Request form](#) to begin a library mediated deposit of your data in to [Borealis](#).

# How do I deposit my data?



## Option 2 – External Options

Deposit your data in a disciplinary repository you find in the Registry of Research Data Repositories [re3data.org](https://re3data.org).



# Borealis, the Canadian Dataverse Repository



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**borealis** The Canadian Dataverse Repository  
Le dépôt Dataverse canadien

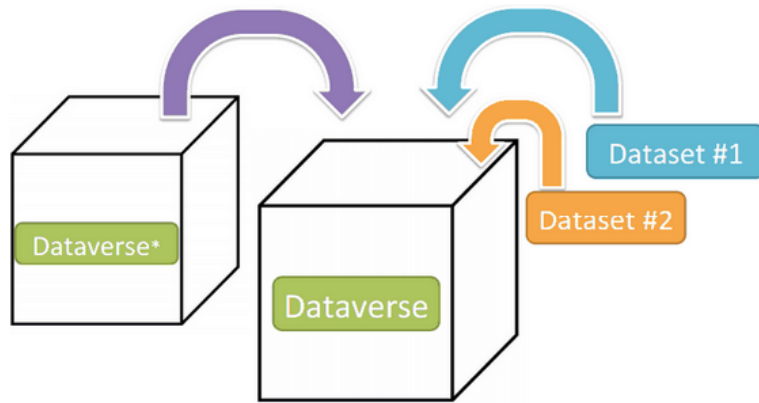
**Store, share, publish  
and discover research  
data!**

EXPLORE BOREALIS ABOUT US

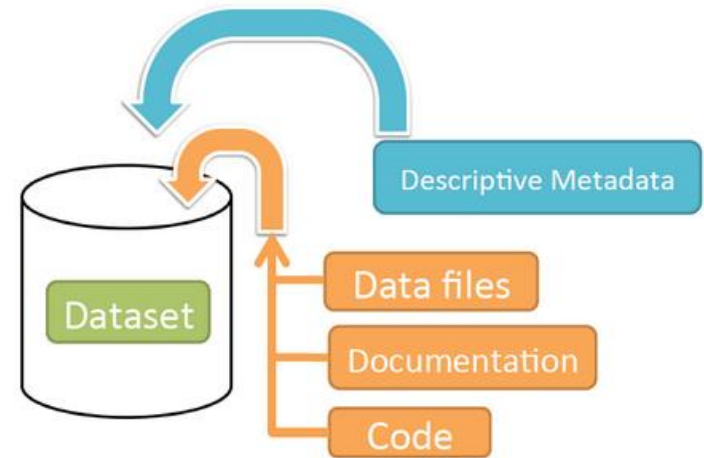
<https://borealisdata.ca/>



# Dataverse collections, datasets, files



Dataverse collection = Container  
for datasets and/or sub-Dataverse  
collections



Dataset = Container for your data,  
documentation, and code



## Borealis: Files and Metadata

- All file formats are accepted
- HTTP data upload (up to 2.5 GB per file)
- Optional disciplinary metadata for Social Science, Life Science, Geospatial, Astronomy

Files Metadata Terms Versions

Search this dataset...

16 Files

<input type="checkbox"/>			<input type="button" value="Download"/>
<input type="checkbox"/>		<p>Ontario - August 2017 - Codebook.docx MS Word (docx) - 292.10 KB - Nov 20, 2017 - 4 Downloads MD5: 4fda8917d58e5559cd381b5dcd020f6c8 Codebook for the August 2017 ON opinion poll. Contains metadata and questions.</p> <p><b>Documentation</b></p>	<input type="button" value="Download"/>
<input type="checkbox"/>		<p>Ontario - August 2017 - Dataset.tab Tabular Data - 79.9 KB - Nov 20, 2017 - 5 Downloads 30 Variables, 981 Observations - UNF:6.zKx4T2gqZM5aP74gFqvdbw== Survey data for the August 2017 ON opinion poll. Contains general political questions as well as focus questions.</p> <p><b>Survey</b> <b>Data</b></p>	<input type="button" value="Explore"/> <input type="button" value="Download"/>

# Borealis: Data Citation



- Automatic DataCite Canada DOI minting
- Standard data citation contains DOI
- Cross-reference research outputs
  - Establish unbreakable links between publications and associated data

Borealis > Queen's University Dataverse >

## No Rights are Absolute: Legacies of Three Chief Justices

Version 4.0



Baines, Beverley; Sapiano, Jenna; Macdonald, Sarah; Izer, Sezen; Piccinin, Nicholas, 2019, "No Rights are Absolute: Legacies of Three Chief Justices", <https://doi.org/10.5683/SP2/WMFL7C>, Borealis, V4, UNF:6:wpx+3vuZWsu8hZyX1J/A2g== [fileUNF]

[Cite Dataset](#)

[Learn about Data Citation Standards.](#)

[Access Dataset](#)

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[Share](#)

[Dataset Metrics](#)

332 Downloads



### Description

This data set analyzes Supreme Court of Canada (SCC) decisions issued between 1984-2018 that include reference to the Canadian Charter of Rights and Freedoms (Charter) and/or the Constitution Act 1982, s. 35. The researchers coded the variables from reviewing the SCC decisions. The primary aim of the data set is to record the Court's application of the doctrines of proportionality or justification in each case. The data set provides empirical analysis about the shaping of these doctrines during the tenures of each of the first three Chief Justices since the adoption of the Constitution Act 1982 – Brian Dickson, Antonio Lamer, and Beverley McLachlin.

2022 revisions – the Charter case data files were revised and include 716 SCC cases.

(2022-02-18)

### Subject

Law

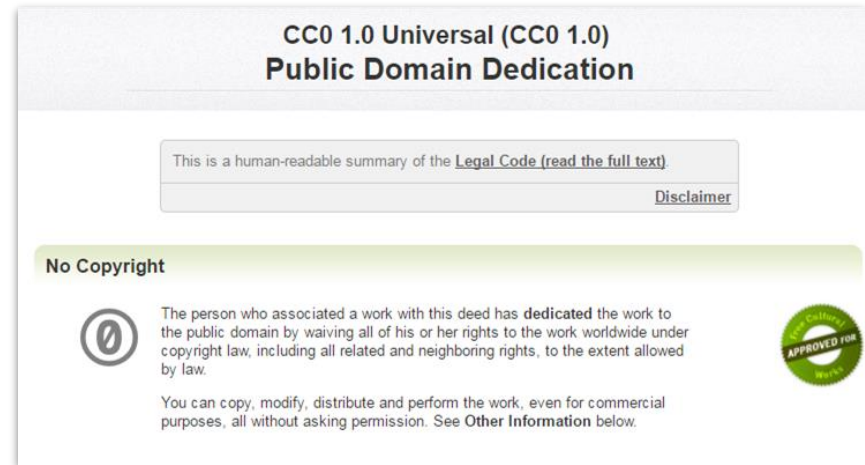
### Keyword

Canadian Charter of Rights and Freedoms, Constitution Act 1982 Section 35(1), Supreme Court of Canada decisions, Proportionality doctrine, Justification analysis

# Borealis: Data Licensing



- Default to CC0 (public domain)
- User can select a range of Creative Commons licenses



OR

- Custom terms of use “Data Usage Agreement”
- Restricted files and custom terms of access

## Sample Data Usage Agreement

*(Note: This is a sample DUA for datasets that have de-identified human subject data)*

This is an agreement (“Agreement”) between you the downloader (“Downloader”) and the owner of the materials (“User”) governing the use of the materials (“Materials”) to be downloaded.

### I. Acceptance of this Agreement

By downloading or otherwise accessing the Materials, Downloader represents his/her acceptance of the terms of this Agreement.

### II. Modification of this Agreement

Users may modify the terms of this Agreement at any time. However, any modifications to this Agreement will only be effective for downloads subsequent to such modification. No modifications will supersede any previous terms that were in effect at the time of the Downloader’s download.

## Borealis: Files and Metadata



### Control access to your data

- Assign permissions for collaborators, file downloaders (access)
- Granular file-level permissions
- IP Group based permissions

Files Metadata Terms Versions

Search this dataset...

6 Files

		Download	Request Access
<input type="checkbox"/>	 <b>CPSurveillance-BaselineFollowupAllParticipants-Archive.tab</b> Tabular Data - 3.5 MB - Aug 21, 2018 - 0 Downloads 4081 Variables, 802 Observations - UNF:6:wZK8+o00jTJqXvHapwJlhg== SPSS data file <b>Data</b>		<input type="button" value="Request Access"/>
<input type="checkbox"/>	 <b>UserGuide-CPSurveillanceArchive.pdf</b> Adobe PDF - 1.8 MB - Aug 21, 2018 - 7 Downloads MD5: 66855f7c71cf94a905042fd9ac6153a8 User Guide <b>Documentation</b>	<input type="button" value="Download"/>	

## Borealis benefits

- Supports FAIR data principles
  - Findable, Accessible, Interoperable, Reuseable
- “As open as possible, as closed as necessary”
  - Secure data management
  - Effective sharing
- Long-term access and preservation
- Increase research visibility



Demo: <https://demo.borealisdata.ca/dataverse.xhtml>

Production: <https://borealisdata.ca/dataverse.xhtml>

## Borealis Demo Repository



- Create user account / login to your account in the demo repository - <https://demo.borealisdata.ca/dataverse.xhtml>
- Create a new dataset within the Queen's Dataverse Collection and...
  - Enter metadata
  - Upload files
  - Set permissions
  - Test Data Explorer

## Where do I go for more information?



Contact the [Research Data Management \(RDM\) Team](#) for more information and assistance.