Data Repositories
BRITISH COLUMBIA RESEARCH LIBRARIES’ DATA SERVICES
Abacus Dataverse Network
http://dvn.library.ubc.ca/dvn/
Why share your data?

- Your journal requires it. Many publishers — including PLOS, eLife, and Springer Nature — require authors to publish the data underlying papers in a suitable preservation repository.
- Your funder requires it. Agencies that fund research — including all US federal agencies — are beginning to require grantees to publish data from funded projects.
- It’s the right thing to do. By offering a clear description of your data including methods and instructions for reuse, you are promoting efficiency, transparency, and reproducibility in the research community.

Why use our service?

- Straightforward compliance. Submit your data to satisfy publisher and funder requirements for preservation and availability with a minimum of effort. Optionally link data to the article and funding organization.
- Any field. Any format. Submit data in any file format from any field of research. Share all of the data from a project in one place.
- Get discovered. Each landing page and dataset is optimized for search engines. Include any relevant geo-location information to take advantage of our built-in geospatial search.
- Credit for your work. Get an informative landing page to facilitate re-use of your data and a citable DOI so you can get credit. Add your ORCID identifier and we will automatically send the information to your ORCID profile.

Steps to share

1. Prepare. Gather your data and the information that others would need to use it. (Submission Basics)
2. Describe. Document your dataset. You can choose to describe your dataset a little or a lot — including geospatial locations and links to publications and datasets. (Metadata Basics)
3. Upload. Add your dataset through upload form or drag-and-drop. Each file can be up to 2GB; datasets can be up to 10GB total. (Upload Basics)
The Illinois Data Bank is a public access repository for publishing research data from the University of Illinois at Urbana-Champaign.

You are ready to deposit data if:
- your data is in a final state and not expected to undergo revisions.
- you have removed any private, confidential, or other legally protected information from your data.
- you are a faculty member, staff member, or graduate student at the University of Illinois at Urbana-Champaign.
- you have permission to publicly distribute data from all creator(s) and/or copyright owner(s).

Learn how to publish your data

Published data:
- is open to anyone in the world.
- receives a stable identifier (DOI) for easy reference and citation.
- is readily available for anyone to access for a minimum of 5 years.
- is located in a stable environment that complies with many funder and publisher requirements.

Review our policies

The Illinois Data Bank is a product of the Research Data Service at the University Library. See our Access and Use Policy. Contact us for questions and to provide feedback.
Deep Blue Data is a repository offered by the University of Michigan Library that provides access and preservation services for digital research data that were developed or used in the support of research activities at U-M.

© 2015 Regents of the University of Michigan

Representative Documents: Data Repositories
Data Repository for U of M

The Data Repository for University of Minnesota (DRUM)

DRUM is a publicly available collection of digital research data generated by U of M researchers, students, and staff. Anyone can search and download the data housed in the repository, instantly or by request.

The Data Repository accepts submissions from University affiliates for digital archiving and access. Learn more about depositing to the Data Repository and other services to manage your data.

How to Upload

1. Prepare Data
Data should be free of identifying or sensitive information and include adequate documentation. Not sure? Contact us for help.

2. Upload
Have your files ready (up to 2GB each) and use the upload form to fill out metadata about your data.

3. Curatorial Review
Our data experts will consult with you to ensure that your data is in a format and structure that best facilitates long-term access, discovery, and reuse.

Features

- Flexible Access Options
Choose to make your data immediately accessible to everyone, or moderate access to your data upon request.

- Meet Grant Requirements
Comply with federal mandates for data management planning (DMP) and sharing. Read more.

- Persistent Access
A DOI for your data guarantees no more broken links when others include this persistent link to your data in scholarly articles as a bibliographic citation.

Our Services

Data Management Plan Assistance
We offer personalized assistance for drafting your next grant’s Data Management Plan. Contact us for assistance during your planning process.

Metadata Consultation
We can help structure your data using disciplinary best practices to ensure the best organization of your data.

Training and Workshops
The library offers free online and drop-in workshops on data management best practices periodically throughout the year.

To include DRUM in your next Data Management Plan, contact us to get boilerplate text and more information on how the Data Repository can be incorporated into your next grant.
Representative Documents: Data Repositories
Canada's federal research agencies are strong advocates for making publically-funded research data as accessible as possible. In 2016, the Tri-Agency released a Statement of Principles on Digital Data Management that outlines expectations and responsibilities for research data management and open data sharing.
Texas Data Repository

The Texas Data Repository is a platform for publishing and archiving datasets (and other data products) created by faculty, staff, and students at Texas higher education institutions. The repository (https://dataverse.tdl.org/) is built in an open-source application called Dataverse, developed and used by Harvard University.

The repository is hosted by the Texas Digital Library, a consortium of academic libraries in Texas with a proven history of providing shared technology services that support secure, reliable access to digital collections of research and scholarship.

Benefits of a Texas Data Repository

- **Compliance with funding requirements.** The Texas Data Repository helps researchers comply with funder mandates for data archiving and sharing, and supports research grant-seekers by having infrastructure available at the time of proposal.
- **Reliable, managed access for data.** The Texas Data Repository provides a convenient and reliable place to collect and share data. And by depositing data there, researchers benefit from the Texas Digital Library's focus on long-term access and preservation of scholarly content.
- **Increase scholarly impact.** By publishing their data in the Texas Data Repository, researchers give their data credibility through a unique, citable, and persistent online identifier (i.e., a Digital Object Identifier), which makes it easy for others to cite reliably.
- **Collaboration with research teams.** Some situations may necessitate restricting access to data, at least for a period of time. The Texas Data Repository allows researchers to share their data with a select group of colleagues, version the data, and publish it when they're ready.
- **Access to local support through their institution’s library.** Along with robust technical support from the TDL, users of the Texas Data Repository can rely on trained librarians at their home institution to assist with multiple phases of the research cycle, including data management planning, preparation for data publishing, and long-term curation.
- **Efficient use of resources.** By pooling resources across multiple institutions, the Texas Data Repository realizes cost savings through a shared infrastructure while showcasing local contributions through university-branded data collections and local library services. Each institution can focus its resources on unique services that meet local research community needs.

How the Texas Data Repository Works

The Texas Data Repository is designed for regular to mid-sized data sets (individual file sizes up to 2 GB), which comprises the majority of research data. These data can include:
• Data from any scholarly discipline and in any file type
• Materials such as codebooks and other supplementary documentation
• Data that does NOT contain confidential or sensitive information (like social security numbers or other identifiers)

Researchers affiliated with participating TDL member institutions will be able to:

• Store and organize data sets and upload files
• Maintain multiple versions data sets
• Share data sets online with trusted colleagues OR release data for public access online
• Get recognition and proper academic credit for scholarly work through a data citation with a persistent identifier (i.e., a DOI, or digital object identifier)

Library faculty or staff at each of TDLs participating member institutions will provide local assistance to researchers at their institution as they prepare and deposit their data.

• Each participating university will have its own branded “dataverse” within the overall repository, which it can use to showcase its researcher contributions.

**Participate in the Texas Data Repository**

Institutions interested in participating in the Texas Data Repository must be an institution of higher learning in Texas and a member of the Texas Digital Library. To find out more about membership opportunities, please see the Membership section of our website.

If your TDL member institution decides to participate, all faculty, staff, and students at your institution will be able to deposit their datasets. Anyone may view or download datasets in the Texas Data Repository, but only individuals from a participating TDL member institution may deposit datasets.

TDL members should contact the TDL [info@tdl.org](mailto:info@tdl.org) to begin utilizing this new service. The process includes:

• Sign a Memorandum of Understanding
• Establish authentication systems on your campus (e.g., Shibboleth or Two Factor)
• Identify a Texas Data Repository liaison on your campus
Virginia Tech's Data Repository is a platform for openly publishing datasets or other research products created by Virginia Tech faculty, staff, and students.

The purpose of VTechData is to highlight, preserve, and provide access to the work of faculty, staff and students, as well as the intellectual output of the world's community through the discovery and dissemination of new knowledge.

VTechData was designed to make data and other research products openly available to the general public; however, we recognize that temporary access restrictions may be required for certain research situations.

By depositing data or other research materials into Virginia Tech's Data Repository, you affirm that the deposit represents your own work or the work of your collaborators; any work that is not your own must be properly cited.
This Digital Research Materials series is a place for WUSTL affiliates, including faculty, students, and affiliated researchers, to share and publish digital data and supplemental files for long-term access and future use. While some academic disciplines have established research data repositories, many fields of research do not have easily available options for archiving and online access. Benefits include:

- **Flexible Access Options**: Make your data immediately accessible to all, or moderate access to your data upon request.
- **Long-term Access**: Persistent links and identifiers (DOIs) make it easy for others to cite your data.
- **Analytics**: Track how often your data are viewed and downloaded.
- **Meet Grant Requirements**: Comply with federal mandates for data management planning (DMP) and sharing (see a list on our Data Management Research Guide).
- **Maximize Reusability**: Our data experts will consult with you to ensure that your data are in a format and structure that best facilitates long-term access, discovery, and reuse.

To get started, determine if your data are ready to upload by reviewing the Policies and Submission Guidelines. If you need help, contact your subject librarian or use the tools available on our Data Management Research Guide. Once you are ready, sign-in and begin uploading your data to the Data Collection. A data curator will email you with any questions about your upload and next steps within two working days.