UVic Libraries

DMP Assistant – Demo for RCAC

A CARL Portage Initiative – A Data Management Planning Tool

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http://libguides.uvic.ca/rdmp
Research Data Management Plans … Why Now?

- Draft Tri-Agency Statement of Principles on Digital Data Management
  
  “This statement of principles outlines the Agencies’ overarching expectations regarding research data management, and the responsibilities of researchers, research communities, research institutions and research funders in meeting these expectations.”

- Canadian Association of Research Libraries’ Portage – A National Initiative to support Research Data Management

- Research Data Canada - Building research data stewardship in Canada
  [http://www.rdc-drc.ca/]

- NSF: DMPs required for grant applications. All disciplines. 2011-
Research Data Lifecycle

- Managing research data occurs at each stage of a research project.

- A look at the life cycle of research data - [http://www.data-archive.ac.uk/create-manage/life-cycle](http://www.data-archive.ac.uk/create-manage/life-cycle)

- Goal is to offer services at each phase of the Research Data Life Cycle.

- GOOGLE search "Data Life Cycle“ images. This is one result set!
Why Data Management?

Proper data management can make it easier to:

- Keep track of files & manage versions
- Compile information at project end
- Reproduce research
- Share research data
- Satisfy research ethics board, grant & journal requirements

Image - https://www.flickr.com/photos/kenfagerdotcom/
Typical Data Management Plan

A typical plan includes information about:

- Types of data produced
- Metadata or documentation standards
- Data security and encryption
- Data storage
- Intellectual property rights
- Data sharing
- Data archiving

Image - https://www.flickr.com/photos/cross_stitch_ninja/
DMP Assistant
https://portagenetwork.ca

Sample DMP – Created by UVic’s Herbarium (Biology Department)
Resources for Data Management Plans

Metadata Standards – by discipline
Dublin Core, Darwin Core, DDI, etc…
http://www.dcc.ac.uk/resources/metadata-standards

Digital Curation Centre guide to licensing research data
http://www.dcc.ac.uk/resources/how-guides/license-research-data (e.g. Creative Commons or Open Data Commons)

File Format recommendations & instructions –
http://researchdata.library.ubc.ca/format/

Data Sharing Options - Subject specific repositories
re3data.org
How can UVic Librarians help?

Help with **DMPs** - [DMP Assistant](#)
Help with **metadata** (find right standard, etc)
Help with **licensing** data sets
Help with **data citation**

**Host research data** in [Dataverse](#)

- UVic’s Research Data Repository – hosted at UBC
- Issue a **DOI** for a dataset

**Preservation** of data sets – [Archivmatica - COPPUL](#)

**Lisa Goddard**, Associate University Librarian Digital Scholarship & Strategies – [includes Research Data]

[Research Data Subject Guide](#) & RDM Workshops
Video

Data Sharing and Management Snafu in 3 Short Acts
http://youtu.be/N2zK3sAtr-4