

Data Management and Curation: Services and Resources

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Introduction

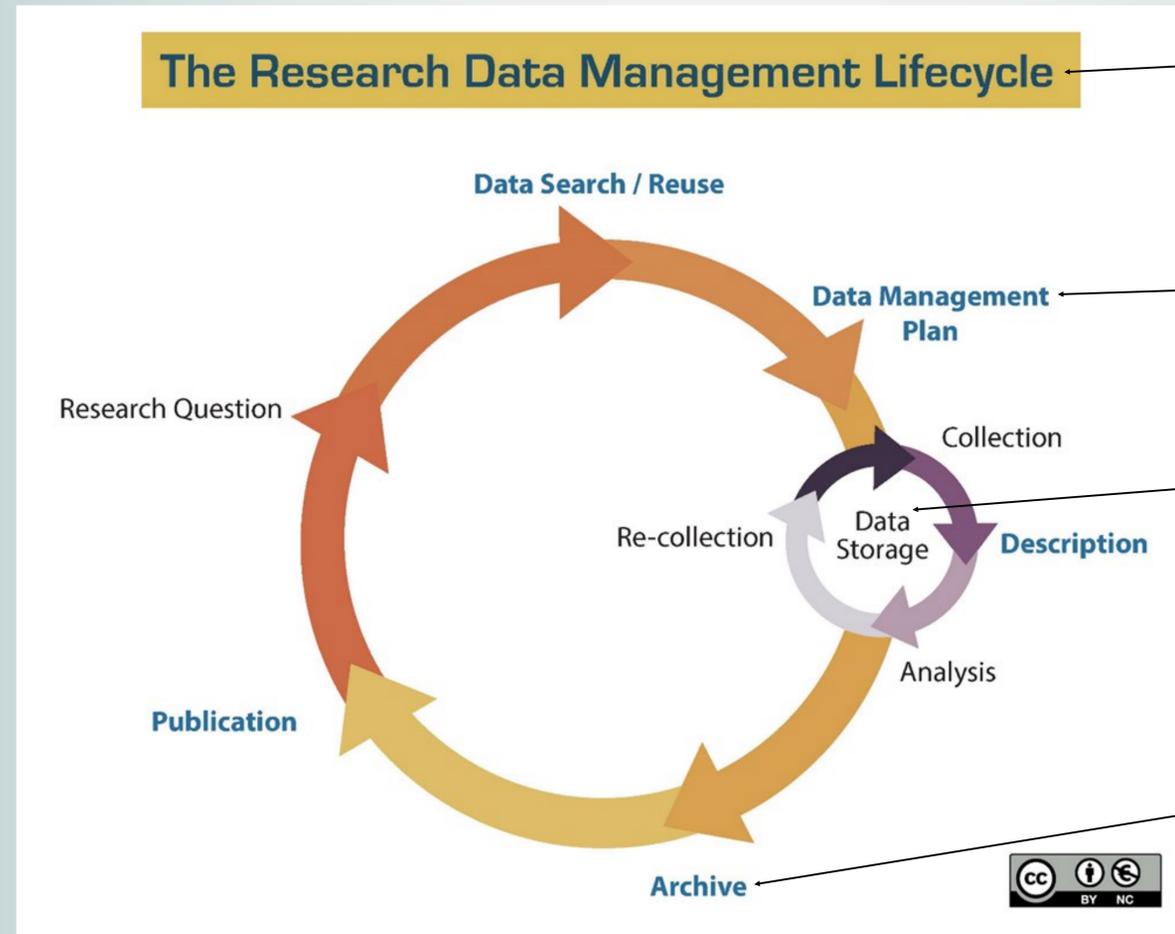
The Libraries provide data management services to campus in collaboration with the Office of Research & Development (ORD) and University Information Technology Services (UITS).

These services were developed to support open access and open data principles - data should be freely available to anyone to use and reuse without access restrictions, licenses, copyright, patents and charges for use; and in response to requirements from several federal granting agencies, such as the National Science Foundation and the National Institute of Health, that grant proposals include a data management or data sharing plan.

Recently, federal agencies with more than \$100 million in research and development expenditures were directed by the Office of Science and Technology Policy to develop plans to make the published results of federally funded research freely available to the public within one year of publication and requiring researchers to better account for and manage the digital data resulting from federally funded scientific research. As a result, these federal agencies are now requiring that researchers develop data management plans as part of their grant proposal and make all research data that underlies results and findings in publications digitally accessible at time of publication or within a reasonable period of time.

Where is your research project in the data management lifecycle?

How can the Libraries help?



- Data consultation throughout the Data Management Lifecycle
- Data management workshops- customized for your college or department

Consultation on developing a data management plan in accordance with Funding Agency requirements

- Data Management Assistance:**
- Data organization consultation
 - Data security, storage, and backup solutions
 - Data documentation and metadata
 - Data sharing with collaborators

- Data archive and preservation :**
- How to share your research in the Campus Repository
 - How to share your geospatial data in the Spatial Data Explorer
 - Identifying an appropriate disciplinary repository

The screenshot shows the 'Data Management Resources' website. The main content area is titled 'Data Management Home' and includes sections for 'Data Management Plans', 'Data Management Tools', and 'Need Help?'. The 'Data Management Plans' section lists resources like 'DMPTool', 'Funding Agencies Requirements', and 'NSF Data Management Plans'. The 'Need Help?' section provides contact information for Chris Kollen, Data Curation Librarian.

Library Data Management Resources

- Data Management Resources website
<http://data.library.arizona.edu>
- Data Management Planning Tool at
<http://dmptool.org>
- Online data management tutorials
- Funding Agency Requirements

For more information contact
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