find Data

NKN Search the NKN repository:
https://www.northwestknowledge.net

DataONE Search the DataOne repository:
https://www.dataone.org

re3data.org Find a data repository:
http://www.re3data.org

got Writer's Block?

Get help writing data management plans that meet the requirements of funders and institutions.

DMPTool

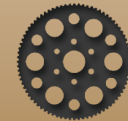**https://dmptool.org**

University of Idaho Library

http://www.lib.uidaho.edu/services/
and select Data Management

about NKN

The **Northwest Knowledge Network** (NKN) is a unit within the University of Idaho (UI) Office of Research and Economic Development (ORED) that provides **research data management** and **computing support** for UI researchers and their regional, national, and international collaborators.

The services provided by NKN support researchers in meeting their long-term data archival and access requirements mandated by the federal government.

Open data and **open science** enable discovery and innovation that advance knowledge.

University *of* **Idaho**

contact US

Northwest Knowledge Network

208-885-2080

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https://www.northwestknowledge.net

NKN Northwest Knowledge Network

www.northwestknowledge.net

research data management solutions

The Data Checklist

Making Data Management Work for YOU

Did you know that most funding agencies now require data and metadata management plans in grant proposals? They also require that funded research projects make their data accessible and reusable to the research community and general public in the long term.

DOCUMENT

(example Masters' timeline)

Year 1

- ☐ Learn data management requirements of grants
- ☐ Write proposal with a data management plan
- ☐ Collect data
- ☐ Draft metadata using the NKN Metadata Editor
- ☐ Share raw data with collaborators
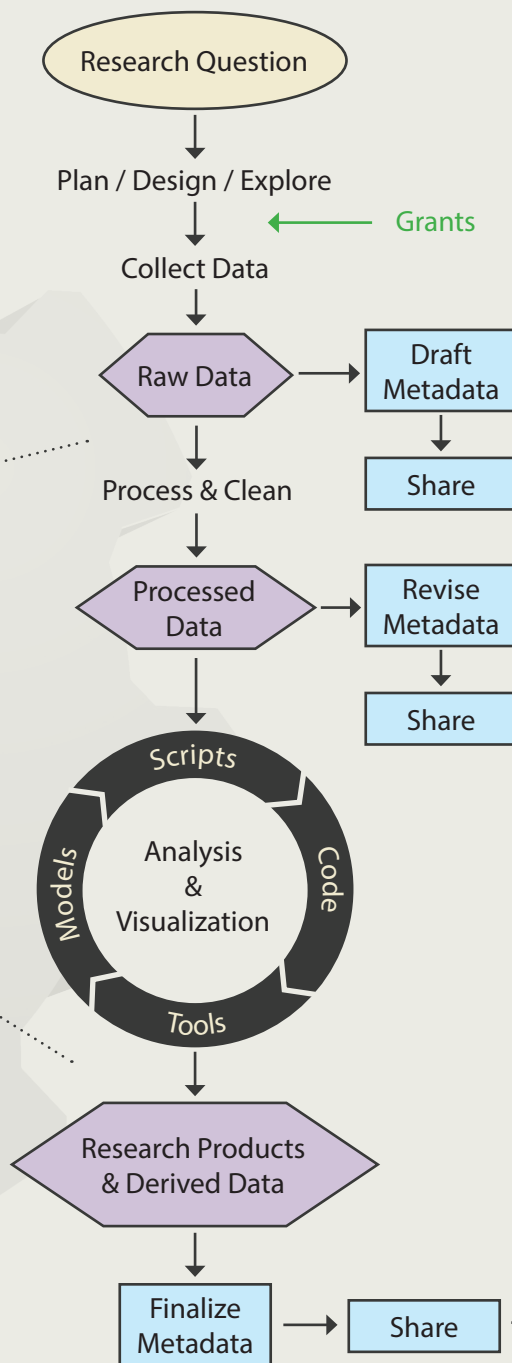
Year 2

- ☐ Process and clean raw data
- ☐ Document data processing steps in draft metadata
- ☐ Share processed data with collaborators
- ☐ Develop research products (code, scripts, tools, models)
- ☐ Draft metadata for novel research products
- ☐ Analyze data and document steps in draft metadata
- ☐ Revisit and revise data management plan

Wrapping-Up

- ☐ Finalize data and research products
- ☐ Finalize metadata for data and products
- ☐ Share data and products with collaborators
- ☐ Upload into an approved repository like NKN
- ☐ Request a DOI* to make your data citable
- ☐ Cite your data (using a DOI) in your publications!

* DOI = digital object identifier

Flowchart

Research Question
→ Plan / Design / Explore
← Grants
→ Collect Data
→ Raw Data → Draft Metadata → Share
→ Process & Clean
→ Processed Data → Revise Metadata → Share

Analysis & Visualization
(Scripts, Code, Tools, Models)

→ Research Products & Derived Data
→ Finalize Metadata → Share

SHARE

Why share? Sharing allows other researchers to find and cite your data. These citations can then be tracked, just like citations for publications. Add your shared datasets to your *curriculum vitae* alongside your publications, and get credit for your research effort.

....

Where to share?

NKN – accepts most outputs (raw data, processed data, code, tools, posters, and more) and we issue DOI's

figshare – for figures, posters, presentations, and they issue DOI's

GitHub – for open source code & tools

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What if I am not finished? Get a data embargo so that access is restricted for a specified period. Your metadata is published but data is not downloadable, giving you time to finish your research.

GET CREDIT

With a DOI, data citation is easy!

YourLastName, FirstName and CoauthorLastName, FirstName. 2014. The title of your dataset. Retrieved 01 Jan 2016. From NKN. doi:10.17616/R3JK91.