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Boise State MILES Data Management Workflows

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Miles Data Publication Policy

Generate Research Data

Share Data with MILES Team

Finalize Metadata

Embargo Data if Needed

Done?

Deadline Up? *

Mint DOI

Embargo Released?

Share Data with Other Colleagues

Review & “Cleanse” Data

Deposit in Public Repository

Share Data with Public

No

Yes

No

Yes

* Publication deadlines vary depending on type of data
Data Access Groups & Their Roles

- **Non-MILES Colleagues**
  - Create & Verify Data
  - Draft Metadata
  - Ingest Data

- **MILES Current Team Members**
  - Create & Verify Data
  - Draft Metadata
  - Ingest Data

- **Data Manager**
  - Verify & Catalog Metadata
  - Publish Data per Policy
  - Manage Data Submissions
  - Manage Data Access
  - Provide Training & Support

- **PUBLIC Anyone**
  - Ingest Data
Repository Design

Staging Area
- Metadata
- Data

MILES Only Repository
- Metadata
- Data

PUBLIC Repository
- Data
- Metadata
Repository Design Recommendation

- **Staging Area**
  - Metadata
  - Data

- **MILES Only Repository**
  - Metadata
  - Data

- **PUBLIC Repository**
  - Data
  - Metadata

Options:
- Secure Google Drive
- NKN OwnCloud
- Boise State ScholarWorks
Publication Data Flow

MILES
Current Team Members

Staging Area
- Metadata
- Data

MILES Only Repository
- Metadata
- Data

PUBLIC Repository
- Metadata
- Data

Data Manager

Submit

Validate

Publish to MILES

Publish to PUBLIC
Repository Access Rights

- **Data Manager**
  - A
  - Metadata Catalog
    - Metadata

- **Staging Area**
  - Owner RWED
  - Data
  - Metadata

- **MILES Only**
  - Repository OwnCloud
    - Data
    - ReadMe

- **MILES Current Team Members**
  - MILES
  - R (Read)
  - R (Read)
  - R (Read)

- **PUBLIC Repository**
  - Data
  - R (Read)
  - R (Read)
  - R (Read)

- **PUBLIC Anyone**
  - A

- **R = Read**
- **W = Write**
- **E = Edit**
- **D = Delete**
- **A = All Rights**

* E = W on some operating systems
Public Repository - ScholarWorks

**Advantages**
- Already in House
- Single Sign-On
- Unlimited Storage
- Web Interface
- Easily Harvested
- Linked Publications
- Administrative Tools
- Reporting Tools
- Training Resources
- No Added License Cost

**Challenges**
- MILES – NKN Metadata XCHG
- Limited Visualization Options
- “Big” Data
- Data “Cleansing”