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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

No

Yes

Deadline Up? *

Mint DOI

Embargo Released?

Share Data with Other Colleagues

Review & "Cleanse" Data

Deposit in Public Repository

Share Data with Public

* 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

- **PUBLIC Anyone**
  - Ingest Data

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

**Staging Area**
- Metadata
- Data

**MILES Only Repository**
- Metadata
- Data

**PUBLIC Repository**
- Data
- Metadata
Repository Design Recommendation

Staging Area
- Metadata
- Data

Secure Google Drive

MILES Only Repository
- Metadata
- Data

NKN OwnCloud

PUBLIC Repository
- Data
- Metadata

Boise State ScholarWorks
Publication Data Flow

MILES Current Team Members

Submit

Staging Area
- Metadata
- Data

Validate

MILES Only Repository
- Metadata
- Data

Publish to MILES

Data Manager

Publish to PUBLIC

PUBLIC Repository
- Metadata
- Data
Repository Access Rights

Data Manager

Data Catalog

Staging Area

MILES Only
Repository OwnCloud

PUBLIC Repository

PUBLIC Anyone

MILES Current Team Members

Owner RWED

Data

Metadata

Data

Metadata

ReadMe

Data

Metadata

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

A

A

A

R

R

R

R

R

A

* 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”