

RWIS/RISE August 2017 Update

Sharing data from across Reclamation in consistent, open formats through an enhanced and expanded data portal to support internal and external users

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Reclamation Water Information System

The RWIS pilot system is now available at <https://water.usbr.gov>. Please use RWIS and send your comments and feedback to rwis@usbr.gov.



Project Highlights and Accomplishments

Developing and testing bug fixes and feature enhancements for Release 2.0.

Anticipated Release 2.0 changes include expanded record length availability, API demonstrations, announcements, and full length web service URLs.

RISE Kickoff Meeting July 11-12, 2017

The RISE team met in Denver to discuss and plan approaches for enhancing the pilot version of the RWIS portal and expanding to include new data domains. Highlights included:

- Discussed potential data parameters and types for water, environmental, hydropower, and infrastructure/asset data.
- Identified web portal enhancements and corresponding security assessment needs.
- Decided to develop system architecture to support time series data, geospatial data, documents, and images/video data.

Subteam Updates

Water Domain: Supporting web portal bug fixes and enhancements and identifying data stewards to participate in expanding the water data standard.

Hydropower Domain: Developed a draft plan for hydropower datasets to include in RISE.

Environmental Domain: Reaching out to data stewards to help identify data sources and other elements to include in RISE.

Infrastructure/Assets Domain: Coordinating with ongoing Reclamation Data Council (RDC) Asset Inventory pilot project. Identifying asset/infrastructure-related datasets to incorporate into RISE.

Data Acquisition and Central Database: Identifying existing metadata schema examples and resources in support of developing an overarching core metadata schema for RISE.

IT Infrastructure: Planning for new or modified IT infrastructure needs, including an architecture for binary data (images and video).

IT Security: Resolving remaining RWIS POAMs and starting initial discussions of security assessment needs for RISE.

Web Portal: Developing and testing bug fixes and feature enhancements for RWIS Release 2.0 and developing requirements for RISE portal.

Open Reclamation Forum: Formed working group within Reclamation Data Council and began developing test forum on RDC SharePoint site.

Sustainability: Business case for funding was approved.

Communication: Developing RISE communication plan and finalizing S&T report for RWIS pilot project.

Project Management/Planning: Supporting team leads in planning team activities, tracking project schedule and tasks, and addressing budget needs.