

## RWIS/RISE October 2017 Update

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

**RISE/RWIS Team Contact:** [rwis@usbr.gov](mailto:rwis@usbr.gov)

**Project Leads:** Jim Nagode, [jbnagode@usbr.gov](mailto:jbnagode@usbr.gov)  
Allison Danner, [adanner@usbr.gov](mailto:adanner@usbr.gov)

### 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](mailto:rwis@usbr.gov).



### Project Highlights and Accomplishments

#### RWIS Release 2.0 Preparation

Finalizing development work, planning for user testing, and preparing release documentation. Release anticipated in late October. Release 2.0 changes include expanded record length availability, API demonstrations, announcements, and full length web service URLs.

#### RWIS Analytics

Basic analytics show that the RWIS website is being used. Future analytics are expected to identify sources of traffic.

#### Subcommittee on Spatial Water Data (SSWD) Presentation

Feedback from RISE presentation to SSWD in September provided verification that RWIS is useful and spurred interest in collaboration and information sharing from multiple Federal agencies doing similar work.

### Subteam Updates

**Water Domain:** Planning meeting of water data stewards to identify expansion of existing water data to include new parameters and datasets for RISE.

**Hydropower Domain:** Reviewed hydropower parameters currently available through water database connections. Identifying additional data needs to be met by other data sources.

**Environmental Domain:** Selected Multi-species conservation program (MSCP) flycatcher, small mammal, and water quality datasets for river restoration pilot. Held meeting to kick off water quality parameter selection and data standardization.

**Infrastructure/Assets Domain:** Identified projects database and dam data as targets for initial infrastructure data expansion in RISE.

**IT Infrastructure:** Developing a proof of concept for binary data storage. Working on groups and permissions in Drupal content management system. Describing planned system infrastructure in requirements document.

**Data Acquisition and Storage:** Implementing syncing process to identify and transfer changes in source data into RISE database. Describing needs for data acquisition applications in requirements document.

**Metadata:** Identifying core metadata elements for RISE to meet Reclamation business, program, and facility needs as well as requirements for federal data catalogs such as data.doi.gov and data.gov.

**Web Portal:** Finalizing Release 2 for user testing.

**Screening:** Identified multidisciplinary team. Planning kickoff meeting to begin process development.

**Open Reclamation Forum:** Developed test Open Forum. <https://policy.bor.doi.net/51/rdc/Pages/Discussion.aspx>

**Sustainability:** Continuing to work on the sustainability plan, focusing on resource availability and funding.

**Security:** Closing out remaining RWIS assessment POAMs. Planning for RISE security assessment.

**Communication:** Developed communication plan as a living document to identify ways to reach out to data communities of interest and users.