

RWIS/RISE January 2018 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 at

<https://water.usbr.gov>.

Please use it and share widely with colleagues, partners, and stakeholders.

Send comments and feedback to

rwis@usbr.gov.



Project Highlights

RWIS Release 2.0.0 will be released in late January 2018.

RISE data domain communities for hydropower, environmental, and water data are continuing to identify parameters to include in RISE and beginning work on data standards. The infrastructure team is coordinating with the Reclamation Data Council Asset Inventory Pilot project.

The planning team is finalizing the RISE requirements document, with input from RISE technical team leads and data domain leads. This document will provide a roadmap for RISE development and guide the security assessment.

Learn More about RWIS and RISE

[What could I do with RWIS?](#)

[How can I use RWIS data in my analyses?](#)

[RWIS and RISE FAQ](#)

Subteam Updates

Water Domain: Developed template for gathering information on datasets from water data stewards. Reaching out to community members for input on new data parameters and website features.

Hydropower Domain: Decided on initial data sources for hydropower data in RISE. Identifying datasets and data standards. Developing a working document to crosswalk between parameters.

Environmental Domain: Water Quality: Reviewing data inventory spreadsheet that was populated by data stewards and identifying commonalities among the collected data parameters.

Environmental Domain: River Restoration: Recently became aware of the Avian Knowledge Network effort by USFWS. Exploring how it can be used in RISE.

Infrastructure/Assets Domain: Coordinating with the Reclamation Data Council's asset inventory pilot project and Denver Asset Management Division, which is considering developing an asset inventory database.

IT Infrastructure and Data Acquisition and Storage: Testing new RWIS API for acquiring time series data. Testing binary database software for implementation in RISE. Investigating using BORGIS services to share geospatial data through RISE. Monitoring RWIS system performance.

Web Portal: Completed web development and user testing for Release 2.0.0.

Screening: Continuing identification of specific questions to be addressed during screening and discussing order of evaluation of topics during screening and format for process.

Open Reclamation Forum: Forum is available to Reclamation staff at <http://tinyurl.com/recforum>.

Metadata: Considering relationships between data and metadata across domains.

Sustainability: Participating in developing the Reclamation-wide System Development Life Cycle Plan.

Security: Working on outstanding RWIS POAMs. Planning for RISE security assessment.

Communication: Reviewing RWIS Pilot Project S&T final report. Preparing publicity materials for Release 2.0.0.