

RWIS/RISE November 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 - Pilot

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

RWIS Status: Website is up. Gaps in MP data are currently being addressed.



RISE Project Highlights

Next Monthly Team Meeting: November 26th.

Team priorities are been finalizing the RISE database schemas, configuring the databases, testing data acquisition processes, and developing user interface components.

Security documentation and preparation for the security assessment has ramped up, with a focus on preparing security documents and planning for describing security control implementation.

Project Manager Allison Odell presented on RISE at the American Water Resources Association Conference in Baltimore on November 6th.

RISE Team Updates

Water Domain: Waiting for data acquisition process to be finalized to bring in new datasets.

Hydropower Domain: Have selected data elements to share, waiting for data acquisition process to be ready.

Environmental Domain: Water Quality: Testing population of the catalog schema elements using an MP Region database as a pilot.

Environmental Domain: Biological: Finalizing data standards for Southwestern Willow Flycatcher data.

Infrastructure/Assets Domain: Coordination between RISE and the Asset Management Division's asset inventory effort is ongoing. The AMD team is working on hierarchies and naming conventions and is moving data into CARMA for the Rogue River Project as a pilot.

Metadata and Database Development: Catalog and time series schemas are finalized. Team is working on developing managed vocabularies for schema elements.

Data Acquisition: Developers are testing JSON file formats for time series data transfer and the Planning Team is continuing coordination with data stewards on the RISE data acquisition process.

Web Portal Development: Work is continuing on automated deployment processes. Use cases and mock-ups for the About RISE page, query interface, and data administration interface are in progress.

Security: Planning Team is working with the ISSO to prepare security documents.

Sustainability: Working on revising the outline for the RISE sustainability report and continuing work on a governance process for hosting custom visualizations in RISE.

Communication: Science and Technology project report for RWIS is being reviewed. Continuing to monitor Google Analytics for RWIS usage.