

RWIS/RISE September 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. MP daily data feed is currently offline. LC and UC data feeds were offline for approximately 2 weeks but have been restored and missing data was filled in.



RISE Project Highlights

Development on the RISE web portal is underway, beginning with the Catalog, Map Interface, About RISE page, Contact Us page, and Help page. Use cases and mock-ups are being developed for the Data Administration Interface and Query page. Coordination with GSA for integration of Login.gov user authentication service in RISE has started.

The catalog schema for describing RISE datasets is being reviewed and revised based on developer feedback. Elements have been added to describe geospatial and binary datasets. The time series database schema is complete and has been set up with test data from RWIS.

Hydropower and Water Quality Teams are ready to begin data acquisition. The Metadata team is working on identifying metadata standards that will be accepted for RISE.

RISE Updates

Water Domain: Waiting for finalization of data acquisition process to move forward with data additions.

Hydropower Domain: Ready to begin hydropower data acquisition when process is ready. Contributing to identification of metadata standards and tools.

Environmental Domain: Water Quality Finalized parameter units to be used in RISE and completed the parameter crosswalk. Beginning work on catalog and detailed metadata development.

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

Infrastructure/Assets Domain: Started exploring an asset hierarchy that could be implemented in CARMA using the Rogue River Project as a pilot.

Metadata and Database Development: Revised schema for RISE catalog to incorporate elements for binary and geospatial data types.

Data Acquisition: Developed proposal for RISE time series data acquisition using flat files. Proposal will be shared with data stewards for review and input before finalization.

Web Portal Development: Development is underway for Catalog, Map Interface, About RISE page, Contact Us page, and Help page. Use cases and mock-ups are being developed for the Data Administration Interface and Query page. Also coordinating with GSA for integration of Login.gov user authentication service with RISE.

Open Reclamation Forum: Documenting lessons learned from test forum.

Sustainability: Planning for RISE sustainability activities in FY19, including governance processes for new datasets and visualization components, agreements with data providers, and documentation of costs, benefits, and impacts of RISE.

Communication: Monitoring progress of RISE teams for documentation in monthly updates.