

RWIS/RISE February 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 available at <https://water.usbr.gov>. Please use RWIS and send your comments and feedback to rwis@usbr.gov.



Project Highlights

RWIS Release 2.0.0 was released on January 26, 2018. RWIS Release 2.0.0 includes adding data for the full period of record for four out of five regions, adjusting the layout and options on the query page, adding a visualization demo, and improving the behavior of links from the map page. We have also made a number of other minor changes and bug fixes in this and previous releases since the launch of the system in April 2017. View the [release details](#) and the [official press release](#).

RISE data domain communities for hydropower, environmental, and water data are continuing to identify parameters for inclusion in RISE and beginning work on data standards.

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.

Planning for the RISE security assessment is underway, with the goal of obtaining the required Authority to Operate for launching RISE.

Subteam Updates

Water Domain: Inventorying water datasets to form the basis for deciding which parameters to standardize.

Hydropower Domain: Developing a data standard to crosswalk between parameters.

Environmental Domain: Water Quality Examining commonalities between data sources and exploring the Water Quality Exchange data standard for possible adoption.

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: RDC is reviewing the draft Asset Inventory Pilot Report.

IT Infrastructure and Data Acquisition and Storage: Binary database (used to serve images and files) is installed and working. Testing internal API and developing detailed requirements for internal and external API.

Metadata: Working on a core metadata template and researching other agencies' requirements and processes for metadata.

Web Portal: Deployed Release 2.0.0 and working on bug fixes for Release 2.0.1 in early March.

Screening: Created initial draft of screening process for team review.

Open Reclamation Forum: Forum is available at <http://tinyurl.com/recforum> and is hosting discussions on dataset screening, water quality and open data.

Sustainability: Developing template for MOUs with data providers.

Security: Continuing work on POAM closeout. Began drafting security documentation for RISE.

Communication: Announced RWIS Release 2.0.0 in coordination with Public Affairs. Developing requirements for RISE help system.