

RWIS/RISE December 2017 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 now available at <https://water.usbr.gov>. Please use RWIS and send your comments and feedback to rwis@usbr.gov.



Project Highlights

RWIS Release 1.1.0 went live November 17.

This release included:

- Improved WaterML2, and JSON output formats
- Improved query user interface
- A new zip archive to download the entire RWIS dataset
- API documentation and demos
- A new announcements section and monthly updates on the project team's activities

Release 1.1.1 was made available on December 6, and 2.0.0 is scheduled for release in Dec 2017.

RISE data domain communities are moving forward with identifying parameters to include in RISE. Next step will be developing data standards.

Work continues on refining the RISE system requirements, which will guide the development team and security assessment team.

Subteam Updates

Water Domain: Held kickoff meeting for water domain data stewards. Working on dataset and parameter inventory. Identifying potential new database connections and determining user needs for the web portal.

Hydropower Domain: Working with water operations database administrators to determine which data elements are feasible to incorporate into RISE.

Environmental Domain: Convening a community of practice focused on small mammal data and Southwestern Willow Flycatcher data to discuss data standardization. Inventorying water quality datasets to identify parameters for inclusion in RISE.

Infrastructure/Assets Domain: Coordinating with next steps of Reclamation Data Council Asset Inventory Pilot

IT Infrastructure, Data Acquisition, and Storage:

Implementing binary data storage solution. Developing an API to transfer data to the RWIS central database.

Metadata: Working on a core metadata template and researching schemas used by other agencies/organizations.

Web Portal: Released RWIS Release 1.1.0 and Release 1.1.1, and working on Release 2.0.0.

Screening: Developing questions and references as the basis for the screening process.

Open Reclamation Forum: Discussion board is available for use Reclamation-wide at <http://tinyurl.com/recforum>. Developed new topic view to improve ability of users to locate discussions of interest.

Sustainability: Assessing ongoing resource needs. Contributing to developing a Reclamation-wide Software Development Life Cycle document.

Security: Closing out RWIS POA&Ms and identifying RISE security assessment needs.

Communication: Continuing to develop briefing materials and plan for communicating system updates.