

RWIS/RISE September 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 and Accomplishments

Developing and testing bug fixes and feature enhancements for Release 2.0. Anticipated Release 2.0 changes include expanded record length availability, API demonstrations, announcements, and full length web service URLs.

Building Data Domain Communities

Data domain outreach is focused on identifying data sources and finding ways that RISE can help Reclamation more effectively meet data requests and data calls.

Identifying System Requirements

The requirements document will serve as a guide for development of IT infrastructure components, data acquisition and storage applications, and the web portal.

Subteam Updates

Water Domain: Identifying new data stewards and planning a meeting of all data stewards in September.

Hydropower Domain: Working with water data stewards to identify hydropower parameters stored in water databases.

Environmental Domain: Selected Lower Colorado Region Multi-Species Conservation Program as pilot for general environmental data. Identifying other programs to coordinate with during pilot. Planning Water Quality data steward meeting in September.

Infrastructure/Assets Domain: Planning discussion of infrastructure/assets datasets to include in RISE.

IT Infrastructure: Created regional development environments. Working on Drupal content management system. Documenting system information.

Data Acquisition and Storage: Exploring binary data storage options. Developing data acquisition and storage requirements for new RISE data.

Metadata: Gathering information about existing metadata standards and discussing needs for core metadata schema.

Web Portal: Working on bug fixes and enhancements for RWIS Release 2.0.

Screening: Working with Reclamation Data Council to identify team members.

Open Reclamation Forum: Setting up discussion board and inviting initial participants.

Sustainability: Developing sustainability plan including consideration of funding, staffing, governance, policy, management support, and user needs.

Security: Resolving remaining RWIS POAMs and starting initial discussions of security assessment needs for RISE.

Communication: Developing RISE briefing materials.