RWIS/RISE May 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.

Invitation to be a User Tester

The RISE team is looking for a group of people willing to serve as user testers for bug fixes and new features.

As a user tester, you'll get to see the latest version of the system before everyone else, and you'll be providing important feedback to the development team.

If you are interested, please fill out the form below to let us know what type of testing you want to do:

RWIS/RISE User Testing Sign-Up

Please consider volunteering for this important role!

Project Highlights

RWIS Release 2.1.1 was deployed on May 8, 2018. Bug fixes included changes to query page error messages to be compatible with mobile devices, adding the figure title and parameter units to downloadable plots, and fixing the map menu to open and close with a single click.

Critical tasks for RISE development include developing a database schema for cataloging RISE data and developing use cases and mock ups for RISE user interface components.

Subteam Updates

Water Domain: Updating the time series schema to accommodate model outputs.

Hydropower Domain: Modifying time series schema to allow hierarchical relationships between sites. Establishing a plan to incorporate Power Operations Maintenance Tracking System (POMTS) data.

Environmental Domain - Water Quality: Finalized adoption of WQX standard. Developing water quality site catalog and crosswalking parameters between the operational databases and RISE parameter codes.

Environmental Domain - Biological Data: Coordinating data standardization for flycatcher data while continuing to explore Avian Knowledge Network (AKN).

IT Infrastructure and Data Acquisition and Storage: Continuing to work on automated deployment of code changes and the extractor for the public web portal. Working on RWIS sync to get new water datasets incorporated into the workflow.

Metadata: Developing a database schema to support the catalogue. Additional metadata to be provided via searchable XML files.

Web Portal: RWIS Release 2.1.1 was deployed on May 8, 2018. Mock-ups and use cases have been completed for the catalog and map interface. Mock-ups and use cases are in progress for the Help system, Data Administration, and Content Administration.

Screening: Incorporating reviewer feedback on process. Once process is final, a screening form will be provided to the data domain teams for implementation.

Security: Ready to close out 4 out of the 5 remaining RWIS POAMs. RISE security documents are being drafted.

Open Reclamation Forum: Drafting lessons learned.

Sustainability: Revising the draft Service Level Agreement (SLA) with IRO IT Infrastructure group. The Data Owner Commitment (previously known as the data source MOU) will be revised to be a follow-up action to the screening process

Communication: Drafting RISE communication plan. Finalized RISE vision, overview, newsletter article, and March and April Google Analytics analysis.