

RWIS/RISE March 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 2.1.0 will be released in mid-March. This release includes replacing the existing text- and image-based comment form CAPTCHA test (to confirm that submissions are from human users) with a 508 compliant CAPTCHA test and adding keywords to improve the ability of search engines to find the site. It also includes fixing three site location coordinates, adding a link to the RWIS home page in the site breadcrumbs, and standardizing the favicons that appear in browser tabs.

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

The RISE requirements document has been finalized. This document will provide a roadmap for RISE development and guide the security assessment.

The RISE team is working with IT security staff to prepare security control documentation. The documentation will be used in the security assessment that will result in an Authority to Operate for launching RISE.

Subteam Updates

Water Domain: Finalizing water dataset inventory. Next step is to identify the new parameters and connections to add for RISE to the ones already included in RWIS.

Hydropower Domain: Working with regional database administrators to determine availability of proposed data elements.

Environmental Domain: Evaluating the Avian Knowledge Network and the Water Quality Exchange standard for application to RISE.

Infrastructure/Assets Domain: Reclamation Data Council asset inventory pilot project report is being finalized. RDC is considering next steps for asset data.

IT Infrastructure and Data Acquisition and Storage: Configured RISE development environment. Working on automated deployment for development and test environments. Working on account management for internal data acquisition API.

Metadata: Evaluating data standards/schemas proposed for data domains and examining cross-domain metadata.

Web Portal: Completed development and user testing for RWIS Release 2.1.0. Beginning work on detailed requirements and use cases for RISE web portal components.

Screening: Continuing to refine the draft screening process. Review by wider RISE team and Reclamation Data Council expected in mid-March.

Security: Finalized system security classification. Control tailoring, implementation statements and security documentation are underway. Seven open RWIS POAMs remaining, but all are ready for close out.

Open Reclamation Forum. Forum is available to DOI users at <http://tinyurl.com/recforum>

Sustainability: Drafting agreements between service providers and RISE for ongoing support.

Communication: Working on communication plan and strategy, requirements document for help documentation, and final RWIS S&T report.