Reclamation Information Sharing Environment (RISE)

RISE Vision: To share Reclamation's data in consistent, open, machine-readable formats via a centralized, sustainable public data portal.

Reclamation's new pilot project, the **Reclamation Water Information System (RWIS)** will make a selection of Reclamation's water-related time-series data available in open formats on the web in early 2017. RWIS brings together water data from across Reclamation with a cross-walking data standard to create a centralized data portal. The portal provides query tools, map browsing capabilities, and a web service/API for accessing machine readable, downloadable data.

RWIS paves the way for the **Reclamation Information Sharing Environment (RISE)**, which will share data from other topic areas beyond water and other types of data beyond time-series. Anticipated data domains and types include: infrastructure, hydropower, and environmental data stored as spatial data sets, modeling and analytic results, and reports.

Where We Are Going
FY 2017–Form communities in the infrastructure, hydropower, and environment domains to identify data to share and develop crosswalks between regional databases. Evolve the RWIS central database and portal to serve up infrastructure, hydropower, and environmental data. Enhance the central database and data portal for the water data domain by adding features, functionality, and datasets.

FY 2018–Enhance the central database and data portal for the infrastructure, hydropower, and environment domains by adding features, functionality, and datasets. Work with Reclamation staff, other federal agencies, and other partners to develop applications, visualizations, and tools to showcase and use data in the portal.

FY 2019 and beyond–Continue to enhance features, functionality, and datasets in the portal and expand to additional data domains. Continue to develop apps and tools to integrate datasets and support Reclamation's planning, decision-making, and operational activities.

Get Involved:
Do you have a dataset you'd like to share or an interest in working on data standardization/crosswalking, developing databases, or building web portal tools for Reclamation's data?

Use RWIS at water.usbr.gov
Contact the RWIS team at rwis@usbr.gov