CUAHSI

DATA MANAGEMENT TOOLS AND RESOURCES

CUAHSI's tools and resources improve data accessibility and reproducibility, strengthen scientific data management, and fulfill data management requirements.

DISCOVERY & PLANNING

Discover new data and learn new skills
- Obtain training on CUAHSI's data management resources
- Search thousands of sensor-based hydrologic and geochemical timeseries
- Access and download free, openly available, shared hydrologic datasets

DOCUMENTATION & PROCESSING

Describe and standardize data
- Describe data with metadata to make it easily searchable and discoverable to others
- Standardize data with CUAHSI's metadata vocabularies and templates to ensure data is understandable to others
- Annotate complex data sets and workflows

ANALYSIS & MODELING

Easily share and explore data
- Share data publicly or privately to facilitate collaboration
- Visualize data using CUAHSI's browser-based web applications
- Interact and analyze data with Jupyter Notebooks and MATLAB Online
- Reproduce data and modeling in CUAHSI's online web environments

PUBLICATION

Publish, cite, and credit collaborators
- Publish data with permanent DOIs to formally cite data in literature
- Credit collaborators with shared authorship and link data with publications

ARCHIVAL

Securely store data
- Host data on the CUAHSI cloud to satisfy data management requirements and make your data discoverable to other users
- Rest assured knowing that CUAHSI provides long-term infrastructure support and regular data back-ups

Visit cuahsi.org/data-models to learn more or contact help@cuahsi.org to discuss how CUAHSI's data services can meet your needs.

NSF