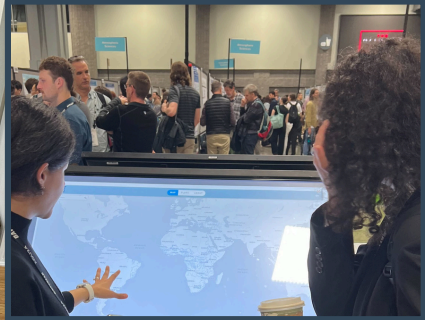




Our mission is to empower the water community and advance science through collaboration, infrastructure, and education.



OUR VISION

A thriving water community – enabled by shared resources – developing an integrated understanding of water, earth, ecosystems, and society to meet human and environmental needs.

- CUAHSI is a non-profit organization founded in 2001.
- CUAHSI has over 100 institutional members in our consortium.

Connect With Us
Sign Up for CUAHSI News
www.cuahsi.org



The Consortium of Universities for the Advancement of Hydrologic Science, Inc. (CUAHSI) is supported by the National Science Foundation and other federal organizations.



What We Do

CUAHSI has a vision for a thriving and collaborative water science community, and our role is to help ensure the community has the tools, connections, and resources available to enable transformational water science.

CUAHSI provides essential cyberinfrastructure and human infrastructure. Our programs and services leverage three capabilities:

- HydroShare Data Infrastructure and Operations
- Cyberinfrastructure and Data Innovation
- Training Delivery and Community Convening

HYDROSHARE Data Repository

- Publish and collaborate around water data, models, and code.

CUAHSI Supported Data Tools

- CUAHSI Model Domain Subsetter enables users to easily gather datasets for executing the National Water Model and ParFlow Model across the continental U.S.
- SWOTViz: Web application to discover and interact with satellite data collected by NASA's Surface Water and Ocean Topography (SWOT) mission.

Cloud Computing Environments

- Use HydroShare as a gateway to run code in a prebuilt cloud computing environment using CUAHSI JupyterHub or MATLAB Online.

Workshops

- Hands-on training of interdisciplinary niche technologies, techniques, tools and topics.

Water Prediction Innovators Summer Institute

- 7-week research program focused on water prediction and flood forecasting with projects that align with national goals.

Cyberseminars

- Virtual events with experts on new and timely topics.

CUAHSI Virtual University

- Multi-university online education forum offering niche hydrology courses to graduate students.