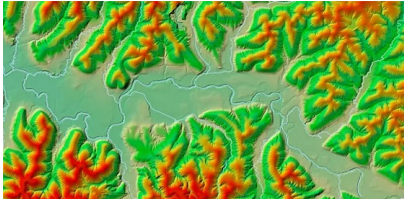


Esri News for Water Utilities & Water Resources



Modernizing Hydrography Data: Using Elevation Data for Feature Extraction

The development of a digital nationwide hydrography dataset began in the 1970s with the conversion of data from paper topographic maps. As technology advanced, demand for advanced capabilities grew. In 2023, the National Hydrography Dataset (NHD) was retired, and the 3D Hydrography Program (3DHP) began. In this Industry Blog post, you will read a brief history of the NHD and learn how stakeholders are working to develop content for the 3DHP.

[Read the Blog Post →](#)



Laurel Ag & Water Streamlines Field Data Collection and Standardizes Operations

Laurel Ag & Water supports the agriculture industry by helping implement precisely designed and built irrigation systems. In order for the company to grow while continuing to deliver a high standard of service, it had to standardize key processes to improve efficiency, productivity, and collaboration across the business.

[Read Their Story →](#)



Building a Digital Twin of the Ahr Valley Flood Zone

During the flood disaster in the Ahr Valley, houses, bridges, and roads were washed away, and infrastructure was severely damaged or destroyed. Reconstruction of the region presented challenges between stakeholders with varying responsibilities and goals. To address these challenges, GIS was used to create a working model consisting of maps and visualizations in 3D, as well as interactive story maps.

[Learn How They Did It](#)

Meet Our GIS Heroes



Emily McBroom—GIS Manager
Mustang Special Utility District,
Texas



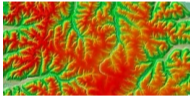
Clint Dickerson—GIS Specialist
Mustang Special Utility District,
Texas

"Emily and Clint exemplify the pinnacle of dedication, reliability, and creativity within our organization. Their unwavering commitment and innovative approach to maximizing our GIS system have set the standard for excellence. The operations team greatly appreciates their work, especially the user-friendly tools they develop to streamline our workflow."

—**Dustin Blank**, Assistant General Manager, Mustang Special Utility District

[Learn More →](#)

Industry Spotlight



Training for Water Resources Professionals

Esri is offering in-person training at our headquarters in Redlands, California. Join Dean Djokic to learn how to manage and visualize watershed information and get interactive experience developing hydrologic and hydraulic model inputs.

Classes will be held September 16–20, 2024.

- Arc Hydro: GIS for Water Resources
- Hydrologic and Hydraulic Analyses Using ArcGIS

[Register to Attend](#)



Preparing for Lead and Copper Rule Improvements

In November of 2023, the United States Environmental Protection Agency released proposed improvements to the Lead and Copper Rule. These improvements are intended to strengthen the Lead and Copper Rule Revisions, adding substantial requirements for water systems.

This blog discusses what is being proposed and how water systems are working to meet requirements.

[Read the Blog Post](#)

Got Paper Maps?



It's time to upgrade! Did you know the user-friendliness and cost of GNSS/GPS and mobile GIS have greatly improved in recent years? Esri Gold Partner Eos Positioning Systems and our global reseller network can help you determine the best options for your needs—starting with field gear and accuracy level to Esri apps and mobile devices.

[See What Pros Like You Use →](#)

Connect with Esri Water

[Esri Infrastructure Management & GIS Conference](#)

October 22–24, 2024
Palm Springs, CA

[Water Team on X](#)

[Water Utilities on LinkedIn](#)

[Water Resources on LinkedIn](#)

[Esri Water Meetup](#)

Join Esri Water in San Diego for our Pre-Esri UC Meetings

Kick off your week in San Diego with Esri Water! Choose from two meetings hosted on the Sunday before the Esri User Conference. Water utilities and water resources-focused content will be shared by Esri staff and industry thought leaders. Join us on July 14 for discussion, networking, and to connect with your peers.

[RSVP via Esri Water Meetup](#)