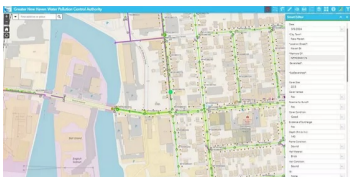


Esri News for Water Utilities & Water Resources



Innovation Leads to a State-of-the-Art GIS for a Regional Sewer Utility

The Greater New Haven Water Pollution Control Authority uses ArcGIS technology to manage over 600 miles of sewer mains in its service area. Different web mapping applications support multiple departments, streamlining business workflows and delivering easy-to-use tools for stakeholders. These tools have improved efficiency and decision-making, helping staff plan, mitigate, and reduce risk, as well as decrease response times when unexpected events occur.

[Read the Story →](#)



Migrating at Scale: A Ten-Database Utility Network Case Study

EPCOR USA is a private water utility company that operates in three states, serving more than 800,000 people across 44 communities. Growth through development and system acquisitions has challenged the company to provide quality geospatial services at a large scale. EPCOR used ArcGIS Utility Network to fully migrate multiple geometric network datasets to ArcGIS Pro with minimal downtime, resulting in higher quality data, more efficient editing, and easier sharing of GIS content.

[Read Their Story →](#)



Modern Data Management Brings Critical Business Systems Together

The Orange County Sanitation District (OC San) provides wastewater collection, treatment, and recycling services to approximately 2.6 million people. ArcGIS is used along with various technologies to compile and maintain data related to facilities, equipment, and systems. Maps and apps integrate data from asset management, CAD drawings, and other sources, allowing users to easily navigate facilities. They can also view construction diagrams, work order information, CCTV videos, and more. OC San has also implemented a drone program to collect data for construction projects and inspections.

[Read the Story](#)

Mapping Made Easy with GIS

Map your assets with easy-to-use mobile applications

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Meet Our GIS Hero



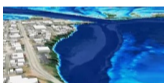
Carl Von Stetten - GIS Analyst
Central Contra Costa Sanitary District, California

"Carl's 24 years at Central San [Central Contra Costa Sanitary District] have been instrumental in shaping our GIS and asset management program. He's highly focused on providing exceptional customer service, being detail-oriented, and continuously improving his knowledge and skillsets. He developed many of our asset management reports, providing gateways for integrating Central San's business application with Esri, as the source of truth. As our primary subject matter expert in the migration of the geometric network to ArcGIS Utility Network [UN], Carl wrote dozens of attribute rules while migrating our existing sewer and recycled water features into the new UN data model. His primary heroic traits are understanding staff's requests, developing solutions, and breaking down complex concepts into smaller, digestible pieces to explain to his audience."

—**Khae Bohan**, Asset Management Program Administrator, Central Contra Costa Sanitary District

[Learn More →](#)

Industry Spotlight

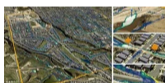


On-Demand Webinar: Flood Simulation Capabilities in ArcGIS Pro

Flood Simulation is a new capability introduced in ArcGIS Pro 3.3. It allows simulation of flows using shallow-water equations (Saint-Venant equations) directly within the ArcGIS Pro interface through a new Simulation group layer and ribbon. Implementation in ArcGIS Pro uses a graphics processing unit (GPU) to quickly provide water depth and velocity solutions for many typical water resources scenarios in geodesign context. Some of the use cases include:

- Rain on grid
- Open channel flow
- Evaluating impacts of temporary diversion structures

[Access the Webinar](#)



Technical Paper: Flood Simulation in ArcGIS Pro 3.3

This technical paper describes a new GPU-based rapid flood simulation tool that is integrated into GIS. The tool is designed to support rapid simulation and initial exploration. It is intended to complement and not replace existing engineering tools and models. It can be employed by GIS users to obtain previews of water flows for the supported subset of conditions, for initial geodesign and exploration of design alternatives, and as a useful way to explore and validate data quality.

[Read the Paper](#)

NEW: Skadi Series™ GNSS by Eos Positioning Systems



The brand behind the Arrow Series® has a new line of GNSS receivers: The Skadi Series™ features an integrated antenna, tilt compensation, RTK in Your Hand™ (invisible range pole), Extensible Virtual Range Pole™ (shoot short-distance assets in trenches) & more!

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ArcGIS Solutions Introduces Essential Data Models to Utility Network Foundation Solutions

Water, Sewer, and Electric (Unbalsanable Systems) Utility Network Foundation solutions now include customizable Essential Data Models. Each model is carefully curated to include the most critical elements required for a utility network's functionality in each industry. By providing a starting point that is closer to how data was modeled in the geometric network, Essential Data Models make it easier for organizations to transition from existing network infrastructure. Furthermore, during the migration process, your organization can expand and customize the models to align with specific workflows and business processes.

[Learn More](#)

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