



# Esri Public Works & Engineering eBrief



## City of Oconomowoc, Wisconsin, Uses ArcGIS Solutions to Replace Lead Water Pipes

The City of Oconomowoc, Wisconsin, implemented some of the latest technology from Esri to streamline data collection for identifying suspected lead pipes and manage the operations to replace them.

[Read the Story](#)

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## How Visualizing Ice Storm Damage Aided Salem's Emergency Response

City of Salem, Oregon, staff used a map-based approach to collect and distribute damage information to prioritize ice storm response.

[Read the Blog](#)

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## Union County Water Easement Inspections

Union County Water is responsible for over 7,000 easements. The utility's easement inspection workflow was inefficient and made it difficult to keep information updated. The utility used GIS to improve the workflow and visualize and track progress.

[Read the Story](#)

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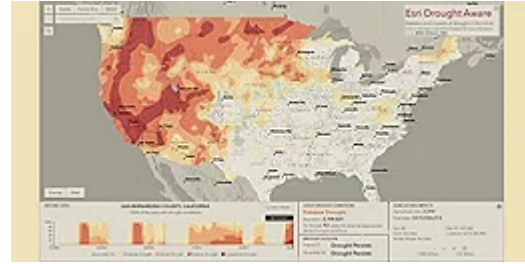
## Explore the Latest Public Policy Resources



### Justice40 Tracts Now Available in ArcGIS Living Atlas of the World

The latest Justice40 Census Tracts data from the Council on Environmental Quality (CEQ) shows areas identified as disadvantaged across eight different categories. Use this layer to help plan for grant applications, perform spatial analysis, and create informative dashboards and web applications.

[Explore the Data](#)



### Track US Drought Conditions with Drought Aware Tracker Application

Leveraging data and information made available to the GIS community from the National Oceanic and Atmospheric Administration (NOAA), the US Department of Agriculture, and the US Census Bureau, Esri has released an update to its long-lived Drought Tracker application.

[Explore the App](#)

## See Other Inspiring Stories



### Leveraging GIS Solutions for a Powerful Approach to Snow Events

The Cobb County Department of Transportation (DOT) uses a dashboard that pulls automated vehicle location (AVL) tracking information through ArcGIS GeoEvent Server, providing real-



### GIS and Garbage-Collection Technology for Decision-Making

The Public Works Service Operations Division for Bismarck, North Dakota, which provides garbage-collection services to the city's residential customers, used ArcGIS to conduct a study evaluating its waste-collection

time updates on which roads have been cleared during snow events.

[Read the Article](#)

program. The data and insights received were used to make recommendations for modifications to the utility.

[Read the Blog](#)

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## Don't Miss the Public Works Activities at Esri User Conference

### Public Works SIG Session



Join the Esri public works team and your fellow public works GIS professionals at our Special Interest Group (SIG) session. We'll share best practices and success stories and showcase the latest GIS technology, which you can leverage to address emerging trends and challenges.

[See SIG Session →](#)

### Trends in GIS for Public Works

This session will provide insight into the areas where GIS is improving mission-critical and day-to-day operations. You will walk away with practical knowledge in predictive planning and automation, real-time winter maintenance solutions, and the latest improvements for field crews.

[See Demo Theater Session →](#)



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