NLC Presents:

ARPA's IMPACT ON WATER INFRASTRUCTURE BROWN BAG

Friday, June 18th, 2-3 pm EST

Moderator: Brooks Rainwater, NLC – Sr. Executive & Director for Center of City Solutions

Panel: Carolyn Berndt, NLC – Legislative Director for Sustainability/Federal Advocacy

Cynthia Koehler, WaterNow – Co-Founder & Executive Director

Richard Leadbeater, Esri – Global Solutions Manager, State Government & Trade Associations Industries

Francesca McCann, iMG, A Black & Veatch Company – Business Development Director

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ARPA: Water, Wastewater, Stormwater Infrastructure

National League of Cities

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During an unprecedented time, NLC delivered unprecedented results for our members.

$65 billon of DIRECT aid to EVERY city, town or village across the country.

nlc.org/stateleague

NLC DELIVERS

Eligible Uses: Necessary Water, Wastewater, Stormwater Projects

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Coronavirus State and Local Fiscal Recovery Funds – "necessary investments in water, sewer, or broadband infrastructure."

- Projects eligible under the Clean Water State Revolving Fund
  - Construct, improve, and repair wastewater treatment plants; control non-point sources of pollution; create green infrastructure; manage and treat stormwater; water reuse; protect waterbodies from pollution.
- Projects eligible under the Drinking Water State Revolving Fund
  - Build or upgrade facilities to improve water quality; transmission, distribution, and storage systems; consolidation or establishment of drinking water systems
- Cybersecurity
- Climate Change and Resilience
- Lead Service Line Replacement

Eligible Uses: Necessary Water, Wastewater, Stormwater Projects

Q: How do I determine if my drinking water, wastewater or stormwater project is eligible?

See eligibility guides for Clean Water and Drinking Water

Q: Do I need to have an SRF loan in order to use these funds for my water project?

No. And – funds cannot be used for expenses related to financing, fines, settlement costs.

Q: Can a local government transfer funds to a water utility/water district?

Yes. And – under “Revenue Loss” to utilities for unpaid bills; under “COVID/Negative Impact” to households for utility assistance.

Q: Can the funds be used for other types of infrastructure projects and/or projects related to cybersecurity or climate change that are not water/sewer projects?

“Infrastructure” provision vs. “Revenue Loss” provision

Q: Does NEPA and other Federal statutes apply to these funds/projects?

Are you using other federal dollars for your project?

Coronavirus State and Local Recovery Fund Contact Info

Visit the Treasury webpage for more info about the Coronavirus State and Local Recovery Fund.

Treasury.gov/SLFRP

The Treasury expects to provide technical assistance to mitigate administration burden.

For general questions about the Coronavirus State and Local Recovery Fund, email SLFRP@treasury.gov.

NLC Resources

NLC's COVID-19 Hub: https://www.nlc.org/covid-19-pandemic-response/

- Additional Resources on Guidance Coming Soon!
  - Receiving Funds
  - Eligible Uses
  - Allocations
  - Reporting Requirements
- FAQs
  - Blogs
- ARPA Provisions Tracker

Tell NLC what kind of additional programming and resources will be useful for your municipal operations:

https://bit.ly/3eVyvWt

Membership Regions

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QUESTIONS? GET IN TOUCH.

Federal Advocacy | advocacy@nlc.org

Membership | membership@nlc.org

Carolyn Berndt

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Esri Talk
NLC Water Infrastructure Brown Bag

Richard Leadbeater, Esri

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@PolicyMapper

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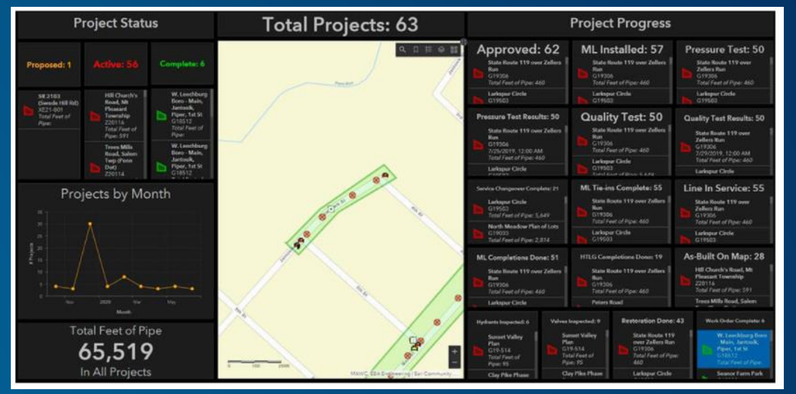
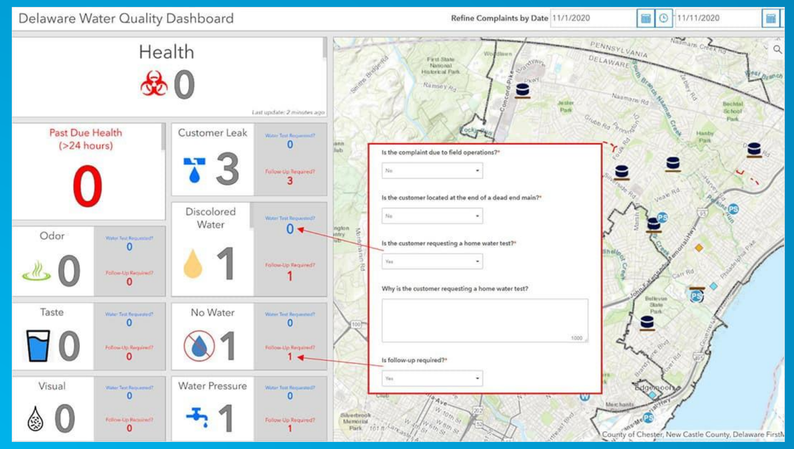
CASE STUDY

Empowering Success with a Common Operational View



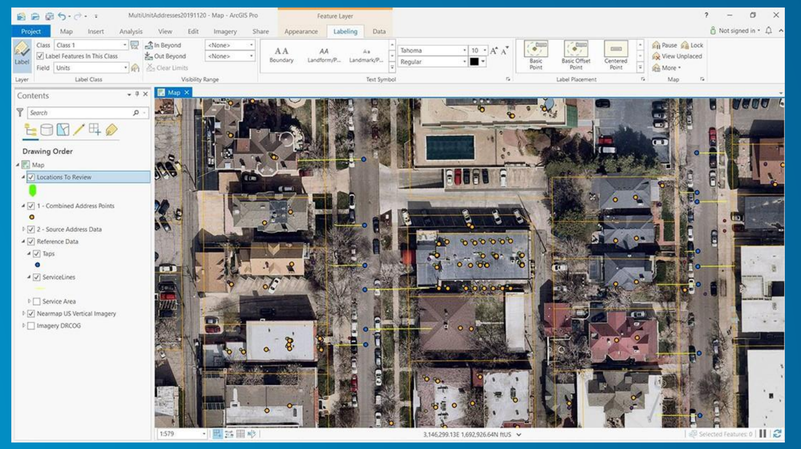
USER STORY

SUEZ Improves Customer Satisfaction by Increasing Staff Collaboration



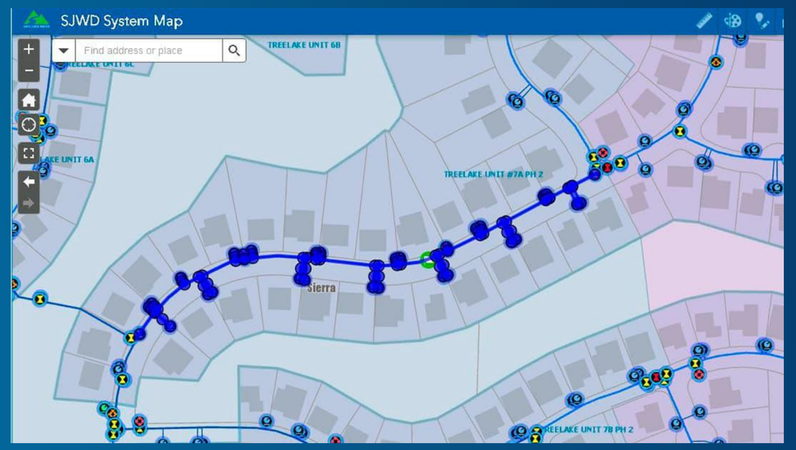
USER STORY

Denver Water Protects Customers with Data-Driven Lead Reduction Program

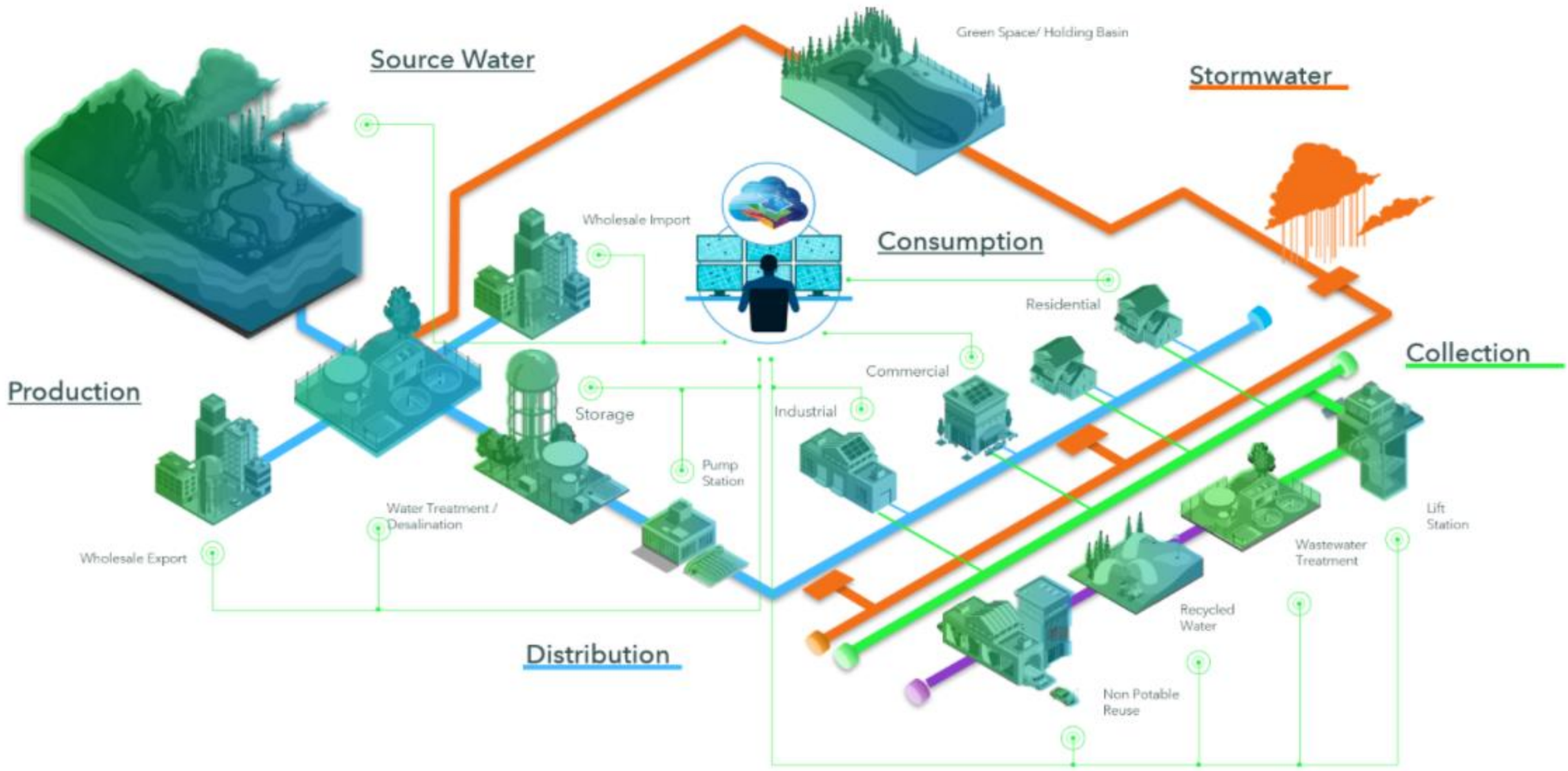


USER STORY

Engineering into the Future: Modernizing with ArcGIS



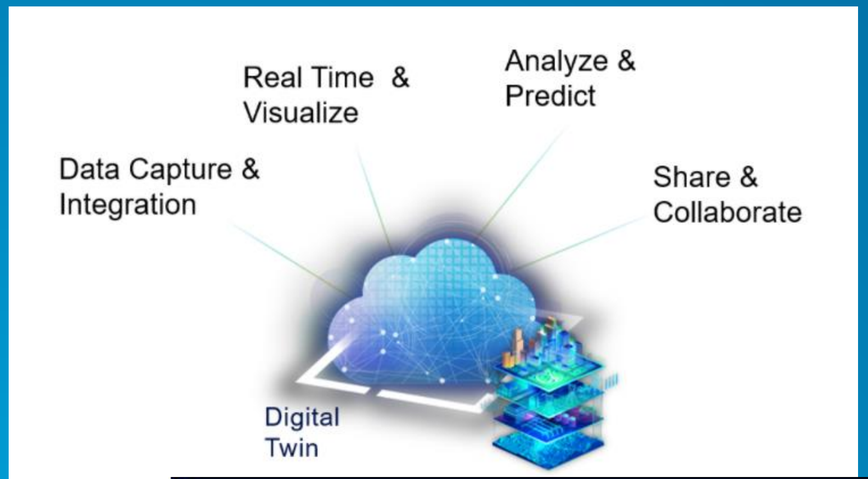
Digital Twins are virtual representations of the real world including physical objects as well as system processes, relationships, and behaviors.

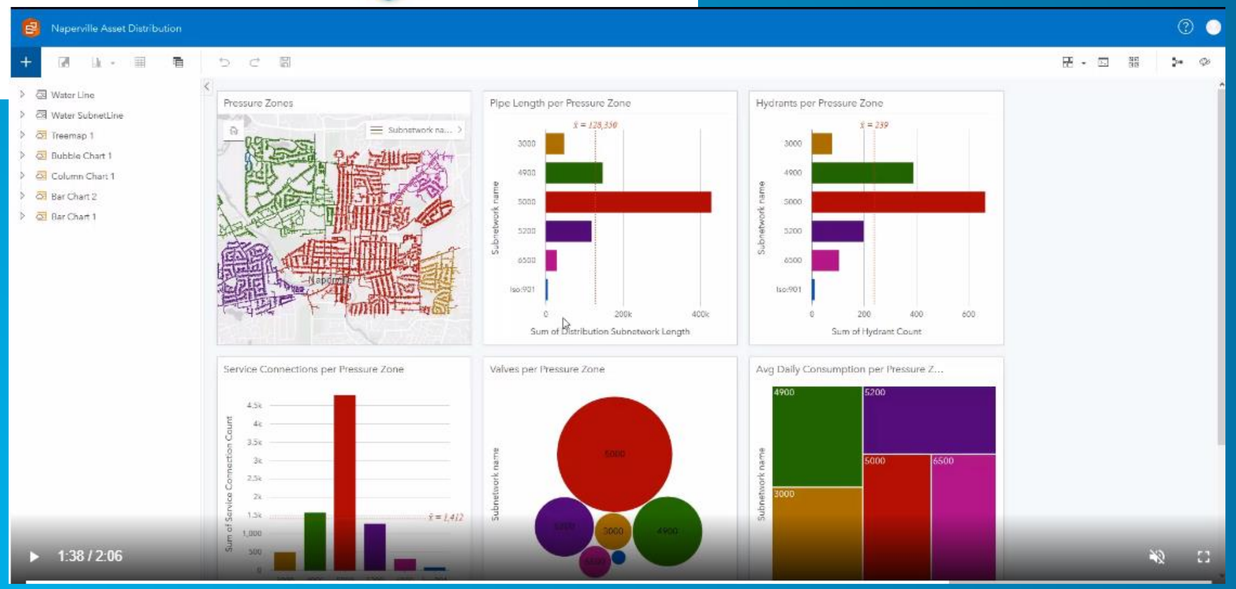


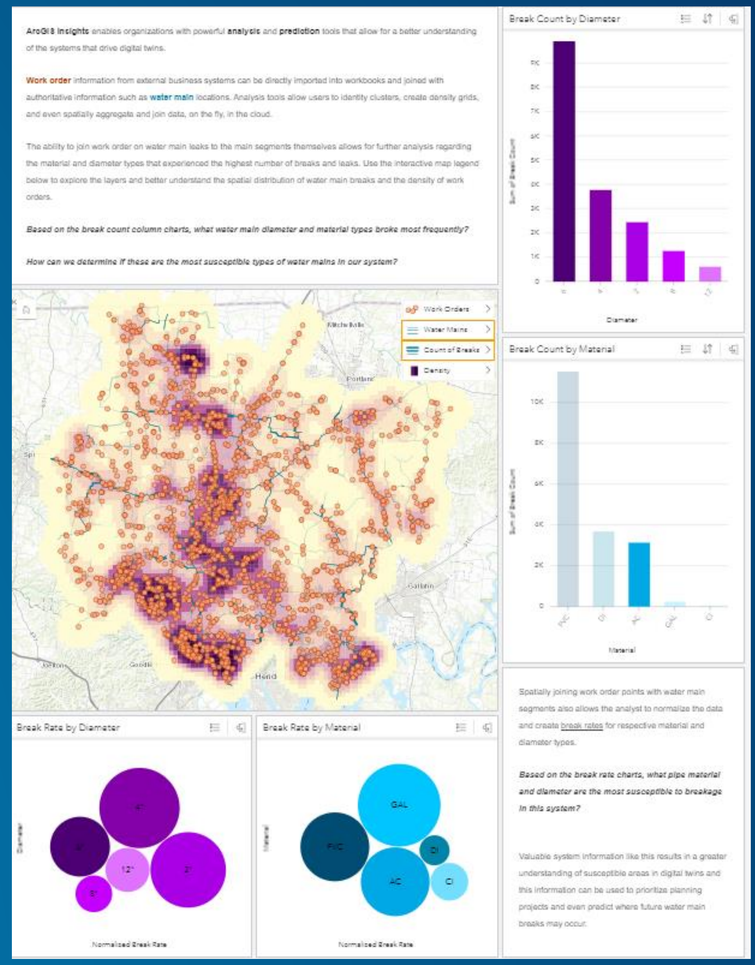
Digital twins enable intelligent water systems

Elements of Digital Twins

Data Capture and Integration allow for the creation of the system of record







[A Foundation for Digital Twins in Water (arcgis.com)]

Water Distribution

Engage the public

Lead Service Management

Lead Service Management can be used to capture and manage information about lead service lines and inform the public about lead service line status in drinking water systems.

Citizen Problem Reporter

Citizen Problem Reporter can be used to solicit non-emergency problem reports (for example, blight, graffiti, trash, potholes, clogged drains, and flooding) from the general public.

Respond to main breaks

Water Outage

Water Outage can be used to quickly respond to main breaks, reduce water loss, and minimize impact to customers.

Optimize capital planning

Capital Project Planning

Capital Project Planning can be used to define a project portfolio, organize the portfolio into an official capital improvement plan, and share the plan with internal and external stakeholders.

Capital Project Tracking

Capital Project Tracking can be used to manage an active project portfolio, communicate project status, and share project updates with internal and external stakeholders.

Participatory Budgeting

Participatory Budgeting can be used to solicit community feedback to identify, discuss, and prioritize public spending projects.

Capital Improvement Planning

Capital Improvement Planning can be used to plan and estimate the cost of capital improvement projects.

Manage water distribution system data

Water Distribution Data Management for ArcGIS Online

Water Distribution Data Management for ArcGIS Online can be used to map assets, edit data, view water system maps in the field and office, view asset reports, and collaborate with map notes.

Water Distribution Data Management for ArcGIS Enterprise

Water Distribution Data Management for ArcGIS Enterprise can be used to map and manage asset information with the ArcGIS Utility Network.

Water Geometric Network Editing and Analysis

Water Geometric Network Editing and Analysis can be used to map and manage asset information using a geometric network.

Data Reviewer for Water Utilities

Data Reviewer for Water Utilities can be used to validate and improve the integrity of geometric network data sets.

Plans and Drawings

Plans and Drawings can be used to index the geographic extent of record plans and drawings and provide access to a catalog of source documents in the office or the field.

Water Distribution—ArcGIS Solutions | Documentation

Sanitary Sewer

Engage the public

Citizen Problem Reporter

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Manage sewer system data

Sewer Data Management for ArcGIS Online

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Sewer Data Management for ArcGIS Enterprise

Sewer Data Management for ArcGIS Enterprise can be used to map and manage asset information with the ArcGIS Utility Network.

CCTV Manager

CCTV Manager can be used to create spatial data from closed circuit television (CCTV) sewer inspections.

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Sewer—ArcGIS Solutions | Documentation

Stormwater

Engage the public

Adopt-A-Catch Basin

Adopt-A-Catch Basin can be used to operate catch basin adoption programs that allow volunteers to adopt storm drains and clean them for the community.

Citizen Problem Reporter

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Optimize capital planning

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Manage stormwater system data

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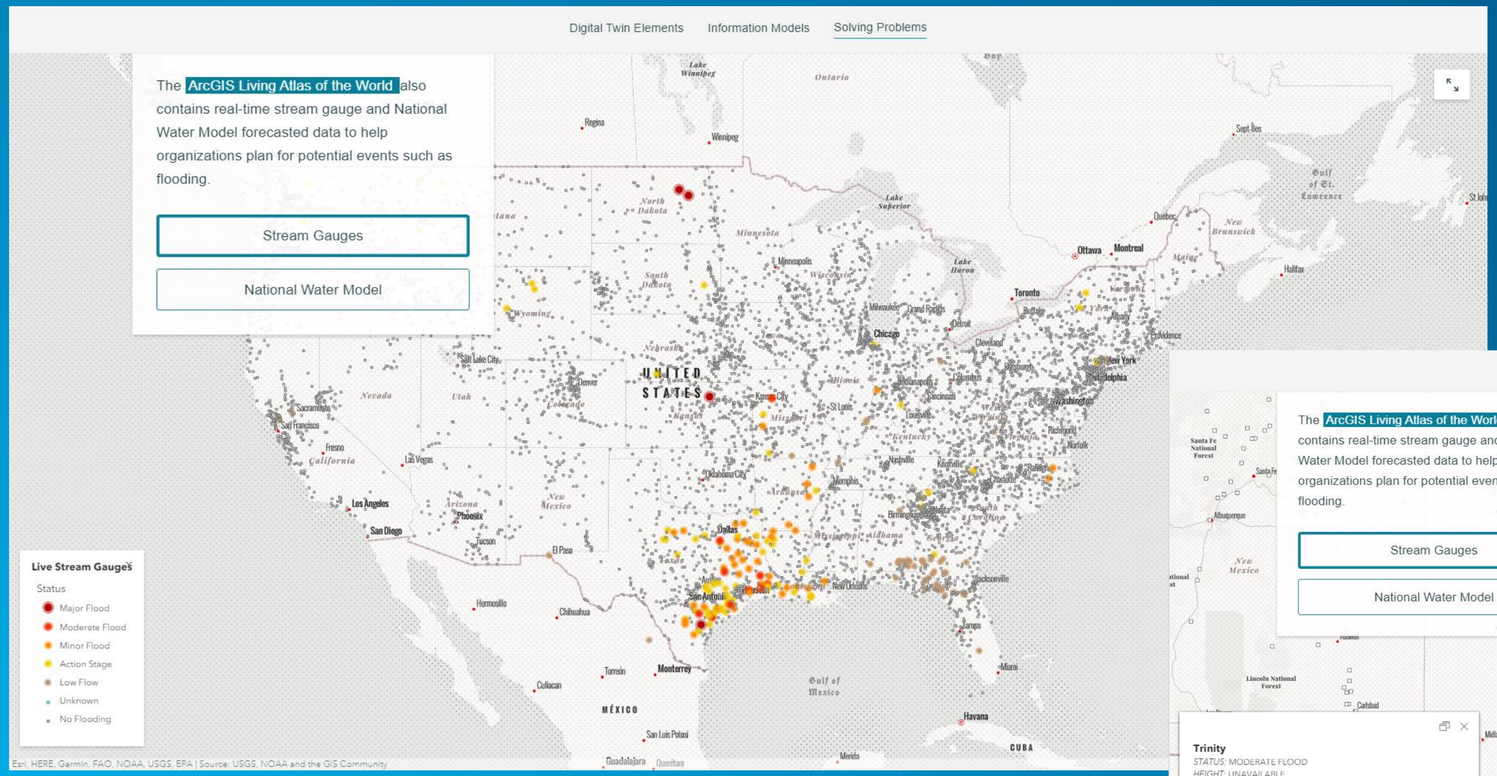
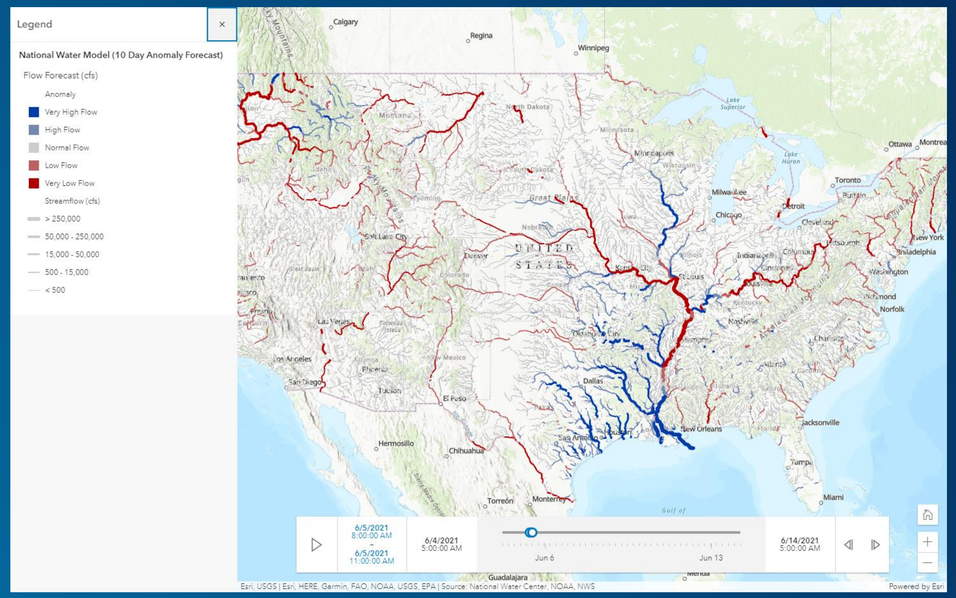
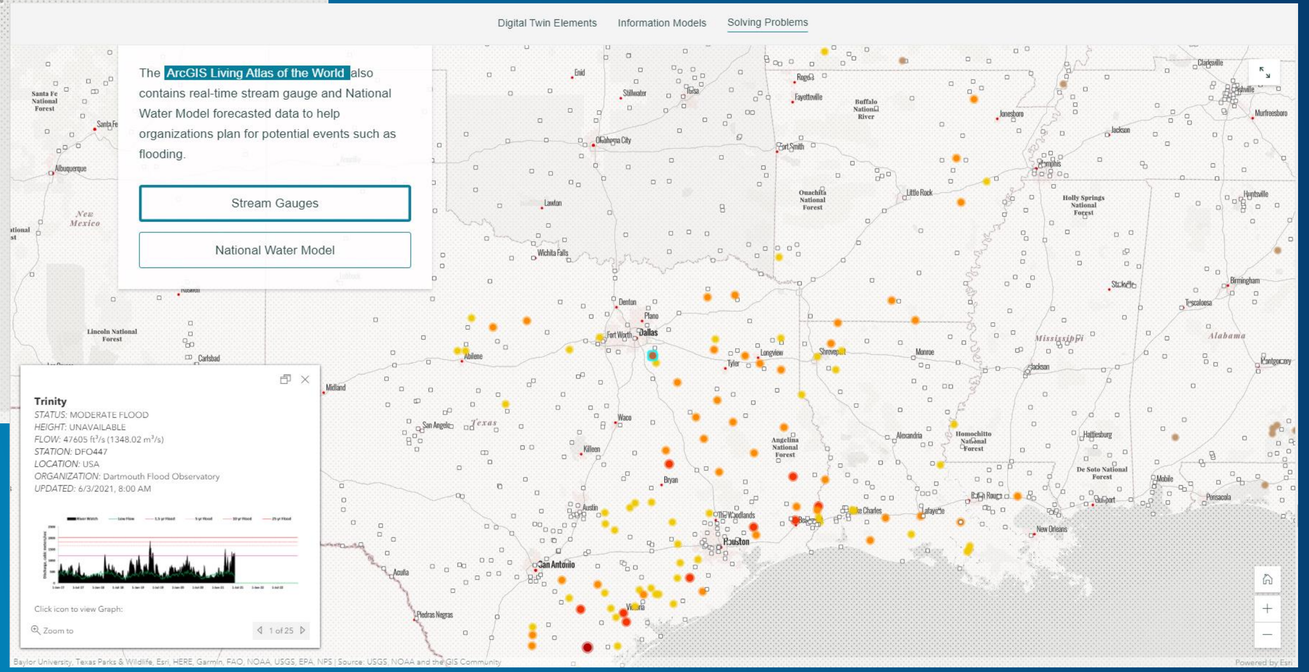
Stormwater—ArcGIS Solutions | Documentation

The Living Atlas

A Foundation for Digital Twins in Water (arcgis.com)







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