

Helene: Shining a Light

“A Tale of Two Cities” - TN

- Daily Business Generates Data
- This Data Can Unlock Insights
- These Insights Can Inform Tools
- These Tools Can Inform Planning & Action
- **Geo-enabling Business Process Makes this Feasible**

TN Public Water System Service Areas
TDEC Drinking Water Watch Website Link

Find address or place

TDEC Helene Response and Recovery

TN Public Water System - Emergency Status Dashboard
Last Updated 10/21/2024 @ 9:00am CST

Notes on Issues Reported

CARDERVIEW UTILITY DISTRICT — BWA lifted, Conservation advisory remains in place, getting limited amount of water from Mtn City. Other than the slow rate of filling the distribution tank, no issues noted.

CHUCKEY UTILITY DISTRICT — BWA and WCA lifted. Service restored system wide. Service restored to south side of river through temporary connections.

SS ANCHOR UTILITY DISTRICT — BWA and WCA lifted. Service restored to all customers. Temporary connection in place.

WIN UTILITIES AUTHORITY — BWA lifted system wide. WCA remains in place system wide due to TP issues, expect to remain of several more hrs. Service restored system wide except S industrial (no residential connections) which gained major damage. Temple Hill restored.

KENNESAW UTILITY DISTRICT — BWA lifted. Service restored system wide.

SEVENVILLE WATER & LIGHT COMM — BWA lifted. Service restored system wide.

TN Water/Wastewater Utility Damaged Asset Inventory

TN water and wastewater utilities can use this survey to document damaged assets related to Helene impacts and the records will be provided back to the utilities in an organized fashion for their record keeping.

Utility Name*

Utility Type*

Drinking Water

Wastewater

Both (Drinking Water/Wastewater Asset)

Damaged Asset Name/Description*

Notes on Damaged Asset:

Systems Reporting Issues 13

Active Boil Water Advisories 1

Active Water Conservation Orders 3

Customers Affected 19.7k

Helene: Shining a Light

Validating the Value of “Where” – North Carolina

- Citizens want to know WHERE

- ... do I get water?
- ... do I get food?
- ... is help?
- ... are my loved ones?

- Governments want to know WHERE

- ... do people need water?
- ... do people need food?
- ... do we station help?
- ... your loved ones are here.



Arrest made in threat that forced FEMA operations to pause briefly in North Carolina

Tuesday, October 15, 2024

Official missing person google doc from - Alissa Fleck on X

Oct 7, 2024 — Official missing person google doc from #Helene. Almost 4,000 people on this list currently- many still missing, many found, many marked as ...

Forbes

Hurricane Helene: Unknown Number Of People Still ...

Oct 11, 2024 — 1,412. That's how many missing people have been reported to volunteer Ellie Erickson, who created a Google spreadsheet to keep track of those ...

CHUCK EDWARDS ABOUT CAROLINA CRUISER CHAT WITH CHUCK CONTACT MEDIA SERVICES SUPPLY INFORMATION HUB

HOME / MEDIA / PRESS RELEASES

Debunking Helene Response Myths

October 8, 2024 | Press Release

Dear Friend,

Over the past 10 days, I have been proud of how our mountain communities have come together to help one another. We have seen a level of support that is unmatched by most any other disaster nationwide; but amidst all of the support, we have also seen an uptick in untrustworthy sources trying to spark chaos by sharing hoaxes, conspiracy theories, and hearsay about hurricane response efforts across our mountains.

While it is true, the Federal Emergency Management Agency's response to Hurricane Helene has had its shortcomings, I'm here to dispel the outrageous rumors that have been circulated online:

- Hurricane Helene was NOT geoen지니어ed by the government to seize and access lithium deposits in Chimney Rock.
 - Nobody can control the weather.
 - Charles Konrad, director of the National Oceanic and Atmospheric Administration's Southeast Regional Climate Center, has confirmed that no one has the technology or ability to geoen지니어 a hurricane.
 - Current geoen지니어ing technology can serve as a large-scale intervention to mitigate the negative consequences of naturally occurring weather phenomena, but it cannot be used to create or manipulate hurricanes.
- Local officials have confirmed the government is NOT seizing Chimney Rock.
 - There was no "special meeting" held in Chimney Rock between federal, state or local governments about seizing the town.
- Local officials are NOT abandoning search and rescue efforts to bulldoze over Chimney Rock.
 - Chimney Rock is NOT being bulldozed over.
 - Rutherford County emergency services personnel are going to extensive lengths to search for missing people, including in debris by using cadaver dogs to locate any remains of individuals trapped in the debris.
 - Just as every other community in Western North Carolina, Chimney Rock officials are focused first and foremost on recovery efforts, followed by plans to rebuild in the future.

- 54 Days Without Water
- 106 Lives Lost
- 8000 Jobs Lost
- \$60 Billion in Economic Loss
- 43% of Small Businesses Closed
- ~20% to close/2 years

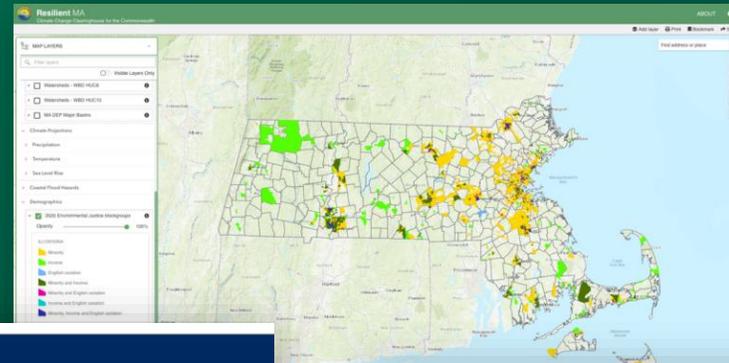


Understand, Plan & Act

Operationalize Action Plans with GIS

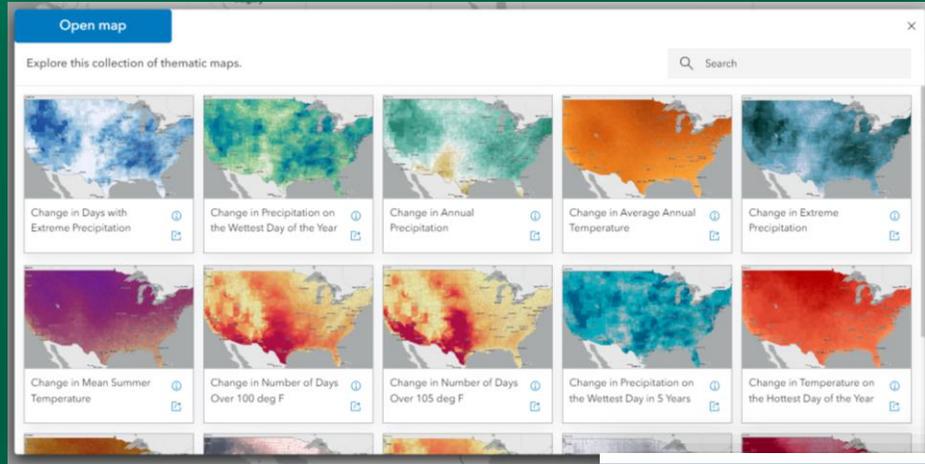
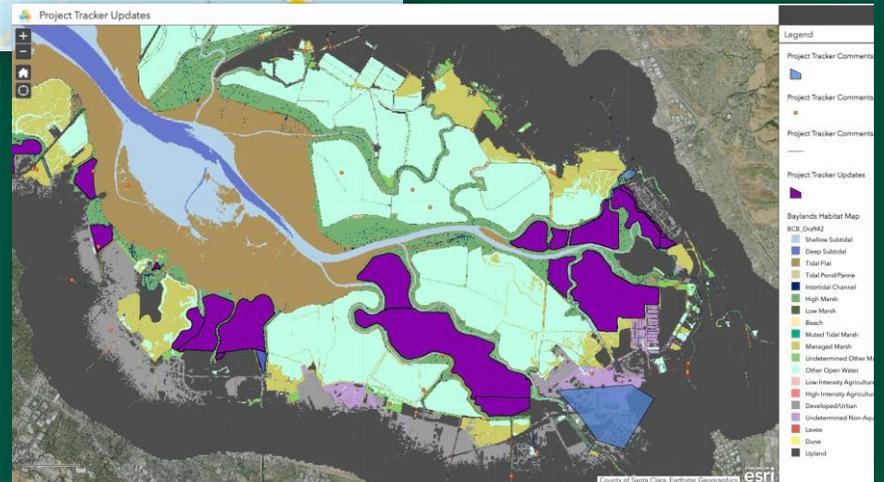
Plan

Mass. Office of Energy & Environment
ResilientMass ArcGIS Hub



Act

San Francisco Estuary Institute
Wetland Restoration Project Tracker



ArcGIS Living Atlas
Downscaled Climate Data

Understand

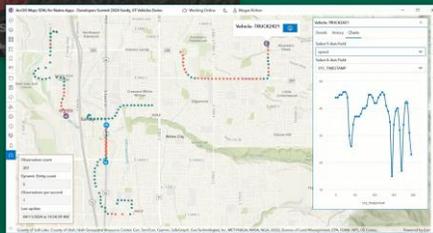
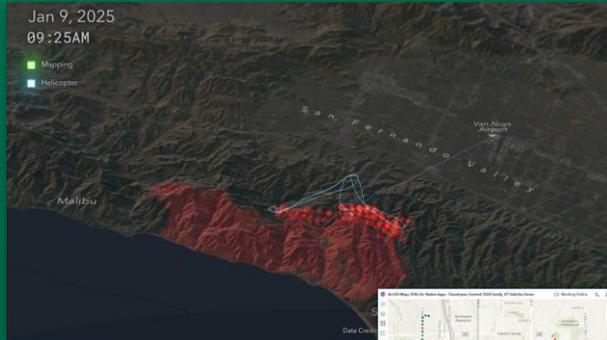


Oklahoma City
Urban Heat Health ArcGIS Hub

GIS Supports Disaster Response Operations

Capabilities & User Examples

Real-time



Visualization & Analysis

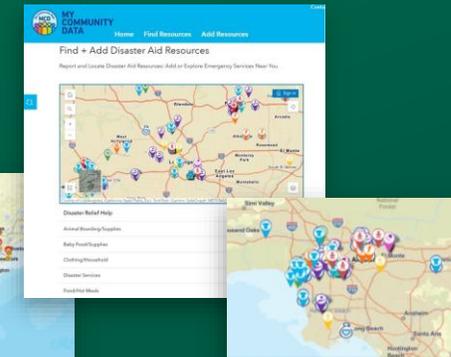


Public-Facing Watch Center



Data Management

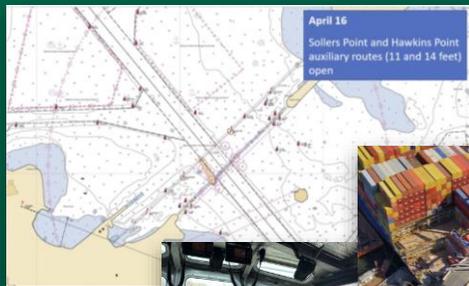
Disaster Aid Resources



My Community Data
US

Reality Mapping

Key Bridge Data Collection & Charting



NOAA



US Coast Guard

GeoAI

Field Mobility

Search & Rescue COP



NAPSG Foundation
South Carolina

Emergency Operations Center



Cal OES
Sacramento, California