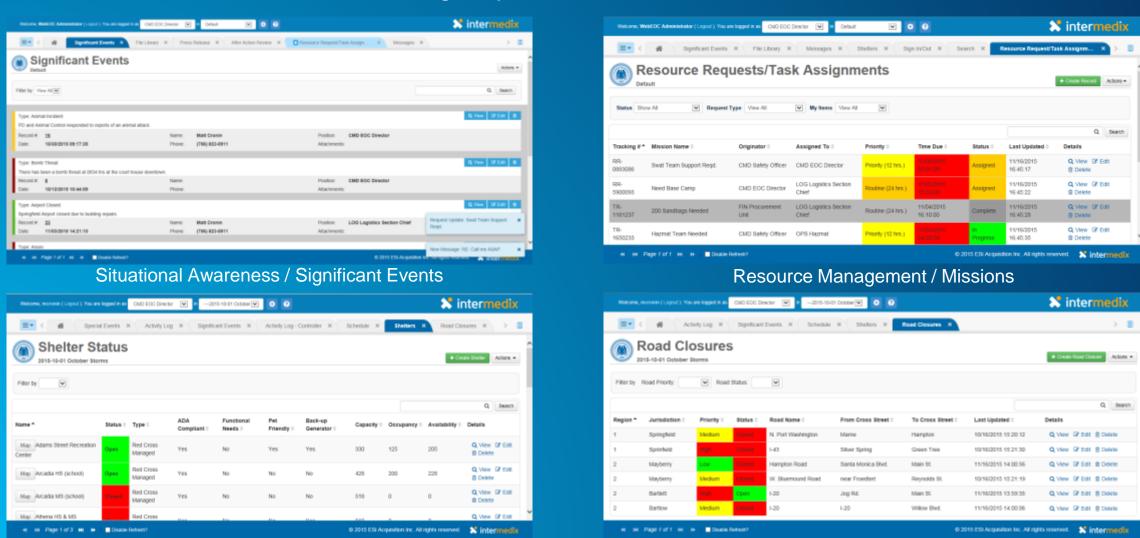


WebEOC

Web-based information management system that provides a single access point for the collection and dissemination of emergency or event-related information



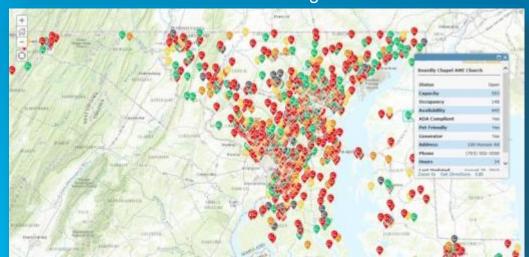
Mass Care / Shelters

Transportation / Road Closures

Common Emergency Management Needs



Situational Awareness / Significant Events



Resource Management / Missions

***Market Design Public Indian specific and the public Indian

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Mass Care / Shelters

Transportation / Road Blocks

Web GIS

Basic elements of a web GIS

- An application(s) that supports a user's requirement
 - Combines web maps/services into a user-friendly application
 - Tools in the application help answer specific user questions
- A web map organizes your data
 - Operational, or real-time, data layers showing current status
 - One or more datasets from your GIS system of record.
 - Digital base maps for context

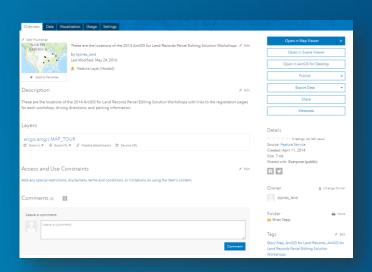


- Secure/Identity
- Standards-based
- Controlled Access via Identity
- Control Who Does What
 - View
 - Query
 - Edit
- Monitor/Track



http://esriland.maps.arcgis.com/home/item.html?id=59696 89b642840e39cf0491669484e0b





Web GIS

A modern GIS approach that allows us to...

Support (Un)Common Workflows Quickly

Ensure Mission Critical Apps Can Scale

Combine Real-Time & Business Data

Enable Users Within and Outside

Foster Information Sharing & Collaboration

Server



Web GIS Simplifies Working With All Types of Data

Connecting to Authoritative Sources – Not Replacing Them

Distributed



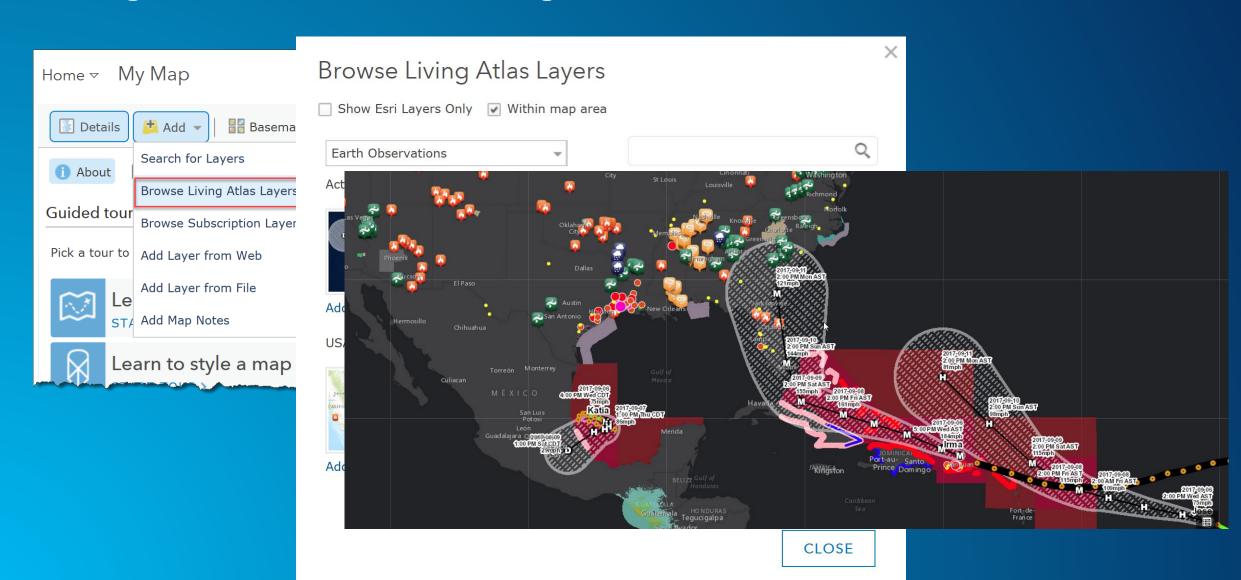
Supporting Every Mission

Web GIS enables your work through apps...





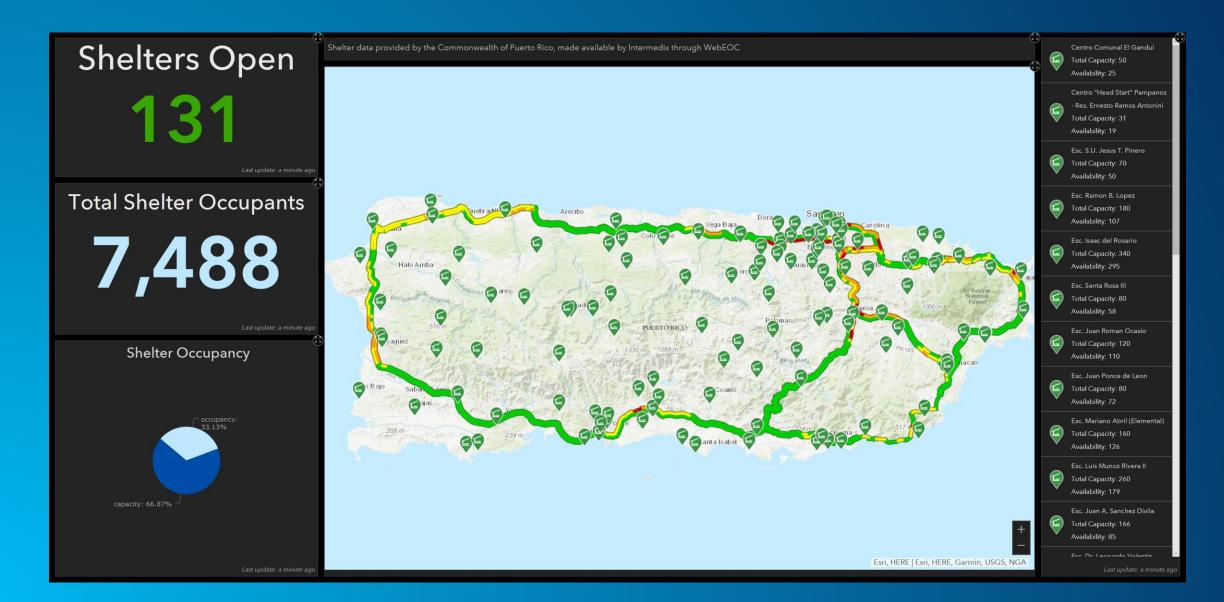
Adding Live Feeds from the Living Atlas



List of Feeds for the Hurricanes

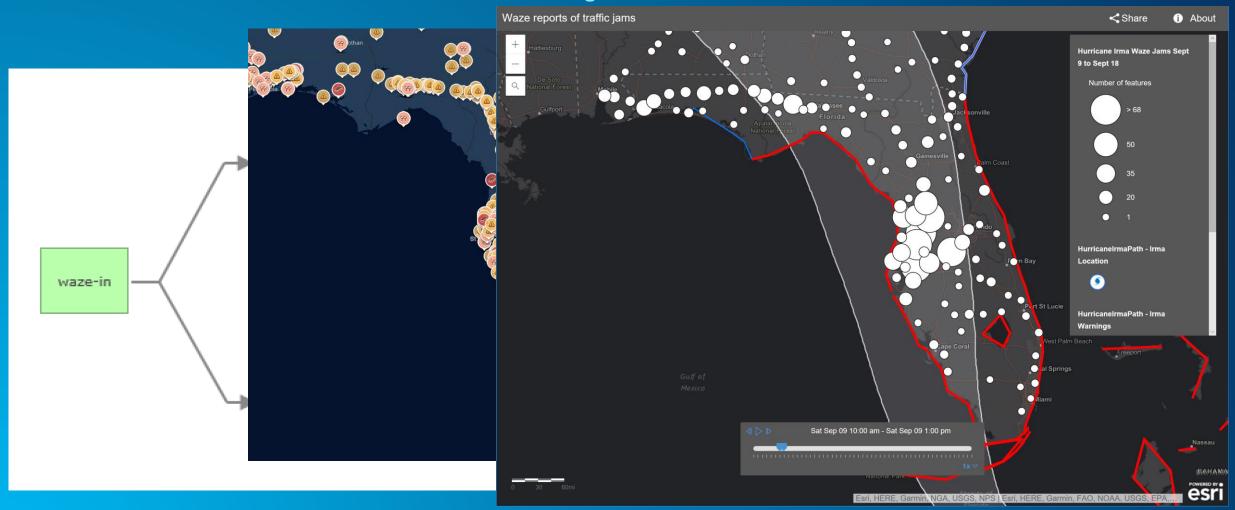
- Active Hurricanes / Tropical Cyclones (Global)
 http://www.arcgis.com/home/item.html?id=5b84e159dace4bf8ad9e9154085ba45d
- Precipitation Forecast (US) http://www.arcgis.com/home/item.html?id=71afd16b8845426e9435c5dbb9ca8ea6
- National Water Model (Hourly Anomaly Forecast)
 https://www.arcgis.com/home/item.html?id=b9ec31770ee643509b942dfdec393b7f
- Surface Meteorological and Hydrologic Analyses Quantitative Precipitation Estimates https://www.arcgis.com/home/item.html?id=2b65b91dcfce4dddb235c61f62dc890d
- Live Stream Gauges (Flooding) https://www.arcgis.com/home/item.html?id=61003c853d2c4c338841429610b5747f
- Potential Storm Surge Flooding http://nowcoast.noaa.gov/arcgis/rest/services/nowcoast/wwa_meteocean_tropicalcyclones_inundation/MapServer
- Weather Radar
 - NOAA http://www.arcgis.com/home/item.html?id=da53700b1f324cc685c4d3bcc00c12fc
 - AccuWeather https://marketplace.arcgis.com/listing.html?id=3f6f5c74efb94e24a33f27dd0e9439b6
- Live Traffic http://www.arcgis.com/home/item.html?id=ff11eb5b930b4fabba15c47feb130de4

Connect to other Business Systems – WebEOC Example



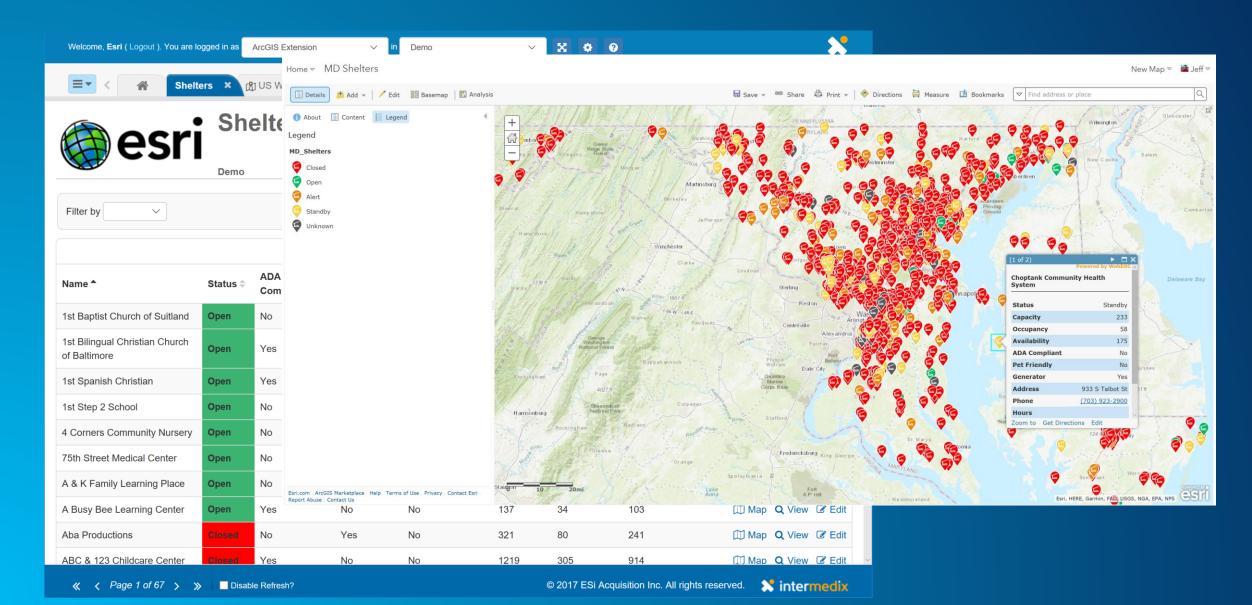
Operationalize Data – Waze Example

Receive data from the Waze Connected Citizens Program



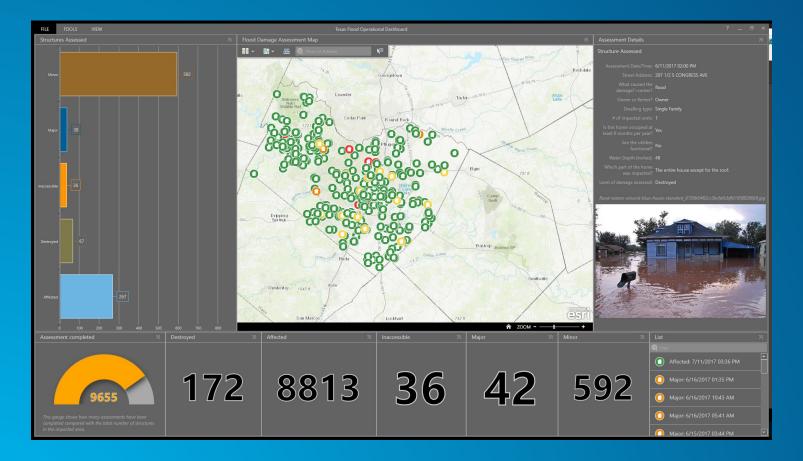
http://www.arcgis.com/home/item.html?id=db18d2068d1d410595b841c3df38c280

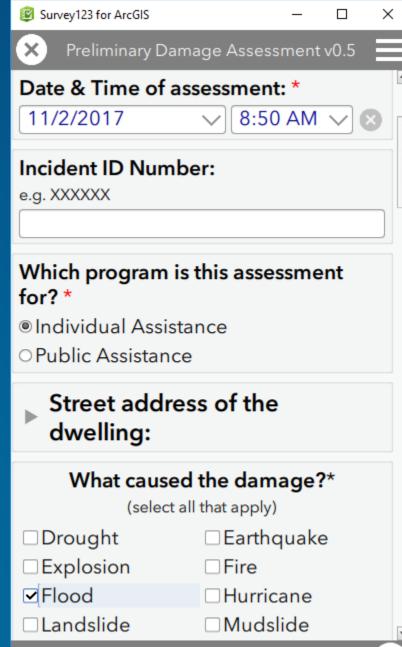
Geospatially Enable and Deploy All Data



Enable & Manage Your Mobile Workforce

Damage Assessment

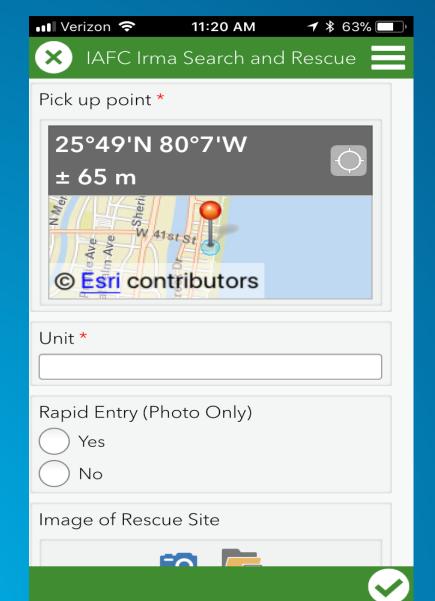


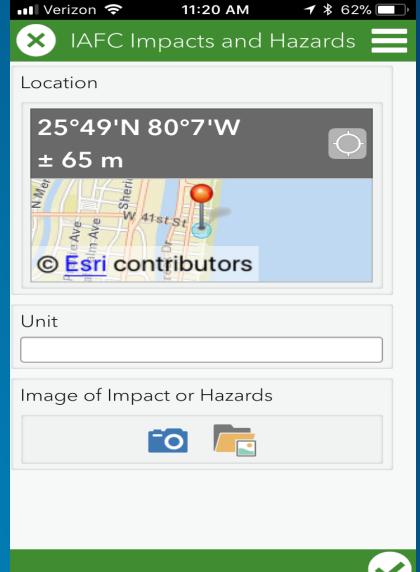




International Association of Fire Chiefs (IAFC) Search and Rescue (SAR)

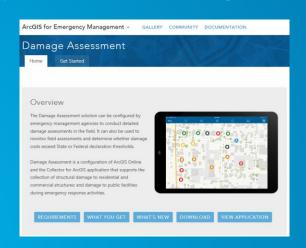






Field Mobility Resources

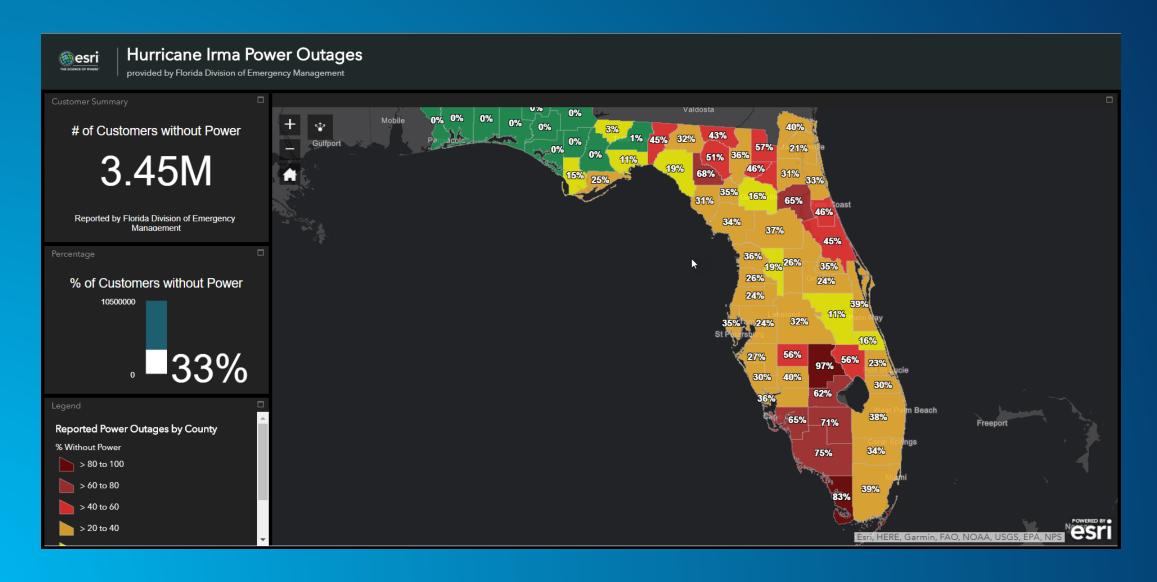
- Damage Assessment Solution Template http://solutions.arcgis.com/emergency-management/help/damage-assessment/
- For more information on the IAFC SAR work contact Chief Jeff Dulin jdulin@iafc.org
- FEMA's Damage Assessment Survey123 Form is available. FEMA partners interested in using the form should contact their FEMA Regional representatives. Please email <u>FEMA-Recovery-PDA@fema.dhs.gov</u> for more information.
- Mobile Data Collection Update for Emergency Management Webinar https://youtu.be/N1tGq8c7gpE

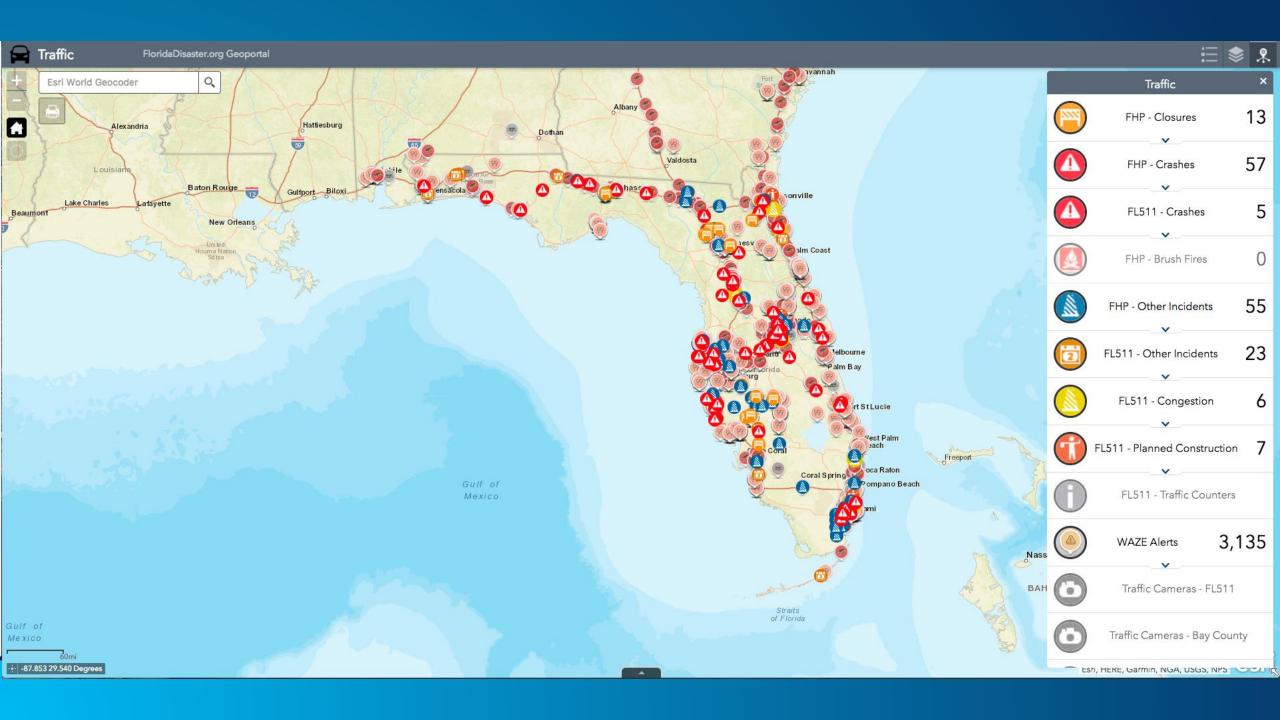




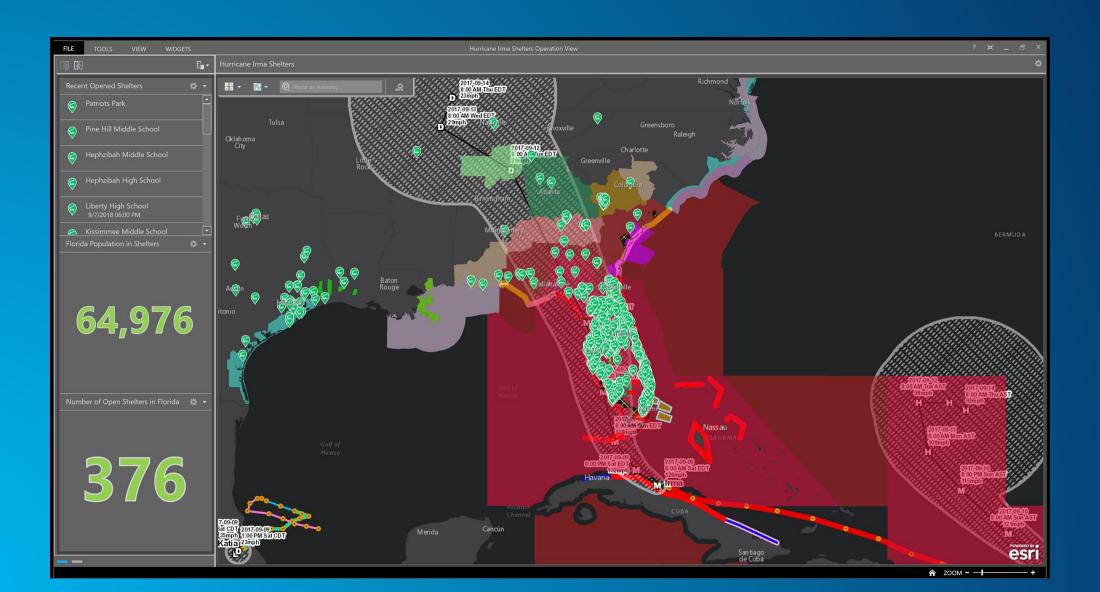
Situational Awareness

Florida Power Outage Dashboard





Operations Dashboard – Shelter Status

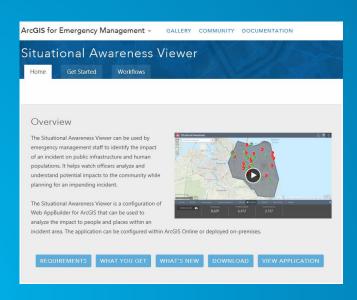


Briefing Elected Officials in Texas



Situational Awareness Resources

- Situational Awareness Viewer Solution Template http://solutions.arcgis.com/emergency-management/help/incident-analysis-viewer/
- Incident Status Dashboard http://solutions.arcgis.com/emergency-management/help/incident-status-dashboard/
- ArcGIS Web Application Builder and Situational Awareness Viewer Update webinar https://youtu.be/WIHhuwAcJZc





Briefings

FEMA's Public Hurricane Story Map Journal





Hurricane Incident Journal

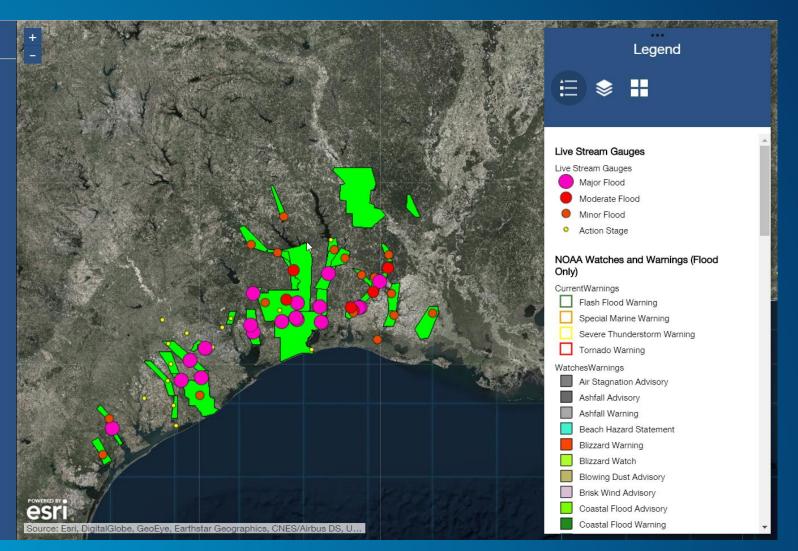
FEMA's Hurricane Incident Journal provides relevant spatial decision-making support for FEMA leadership and a view into federal information available to the general public. This website is a part of the FEMA GeoPlatform.

Individual applications shown in this journal are linked to at the bottom of each section.

City of Houston is providing 311 Flooding location information, available to the public.

National Alliance for Public Safety GIS (NAPSG) have created a crowdsourced image gallery.

FEMA Disaster Repo







About this catalog

This catalog contains publicly available applications useful for Hurricane Irma response and mitigation activities. These applications are ready-to-use.

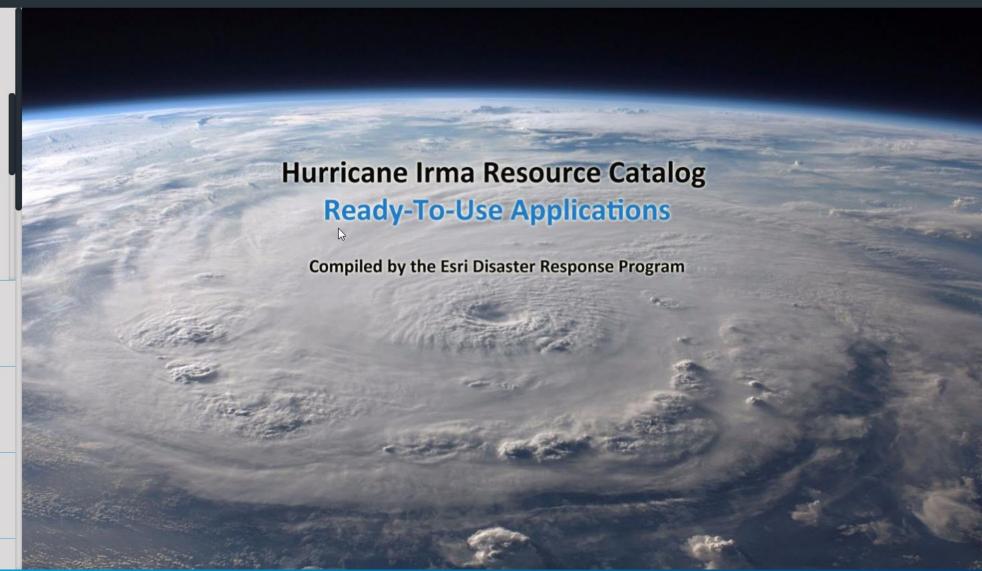
Click Full Screen to open in full screen mode; bookmark for later use.

Click **Details** for more information about the app and data sources.

Public Information Map (PIM)

Impact Summary

Wind Impact Summary







About this catalog

Power Outage

Transportation

View Full Screen

Layers: Florida 511 Real-Time Traffic Cams Waze Alerts for Hurricane Irma **World Traffic Service**

To use these layers edit the URL and replace "www" with "YOUR-ORG.maps," then log in, and share into a group in your organization for further use.

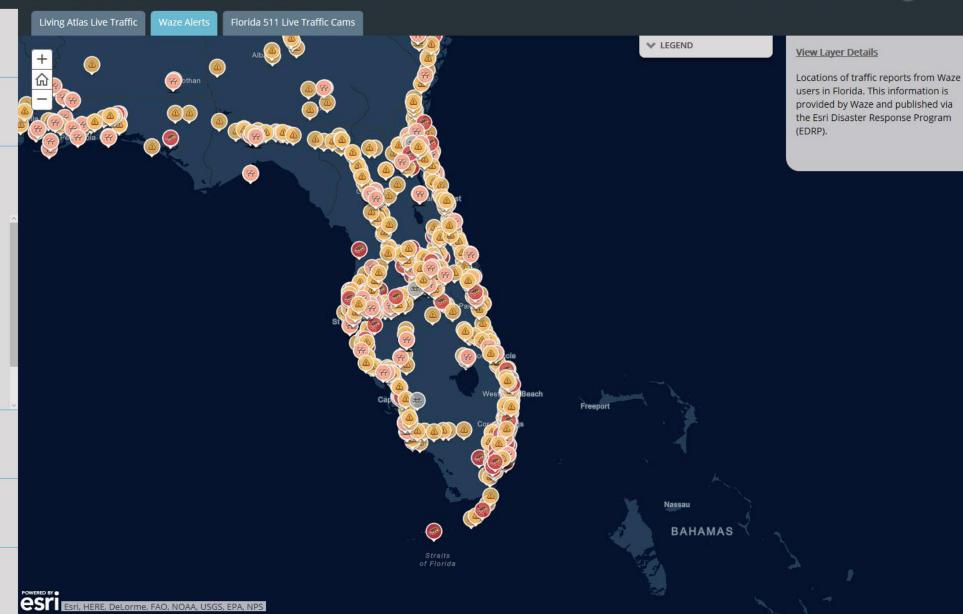
View Web Map

This web map contains subscription content, and you will see an array maccago when aponing it. Click Cign In in the unner

Weather

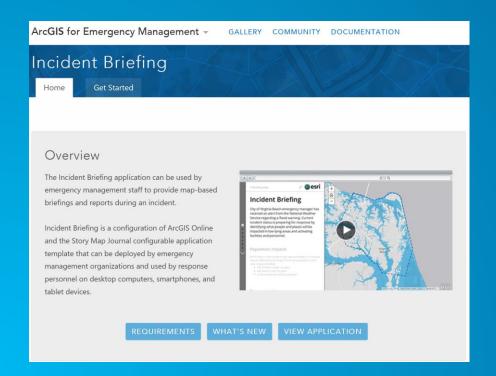
Streams

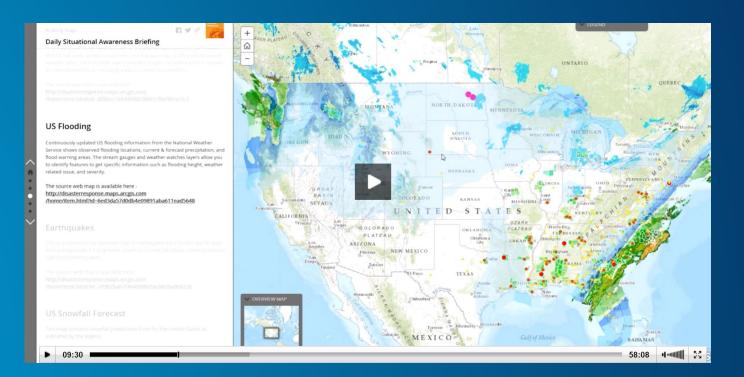
Additional Resources



Briefing Resources

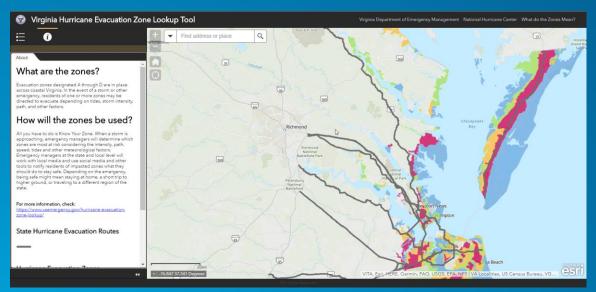
- Incident Briefing Solution Template http://solutions.arcgis.com/emergency-management/help/incident-briefing/
- Communicating More Effectively with Story Map Journal Webinar https://video.esri.com/iframe/4912/000000/width/960/0/_00_00:00

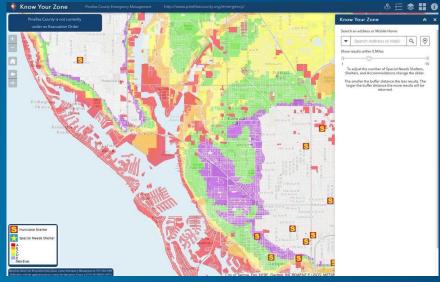




Public Information

Know your Zone









CAL FIRE Structure Status Information Public Information Map



E≣ Legen

Sonoma County - Structure Status Information

Damage assessment is ongoing. If a structure point does not appear on the map it may still have been impacted by the fires. Zoom in using the Bookmarks listed below and the zoom buttons on the map. Specific addresses can be searched for in the search bar.

For more information about the wildfire response efforts visit the CAL FIRE incident page.

For additional information visit:

County of Sonoma Emergency
Operations

City of Santa Rosa Emergenc Operations

City of Sonoma Emergency
Operations

Bookmarks

Sonoma County

Pocket Fire

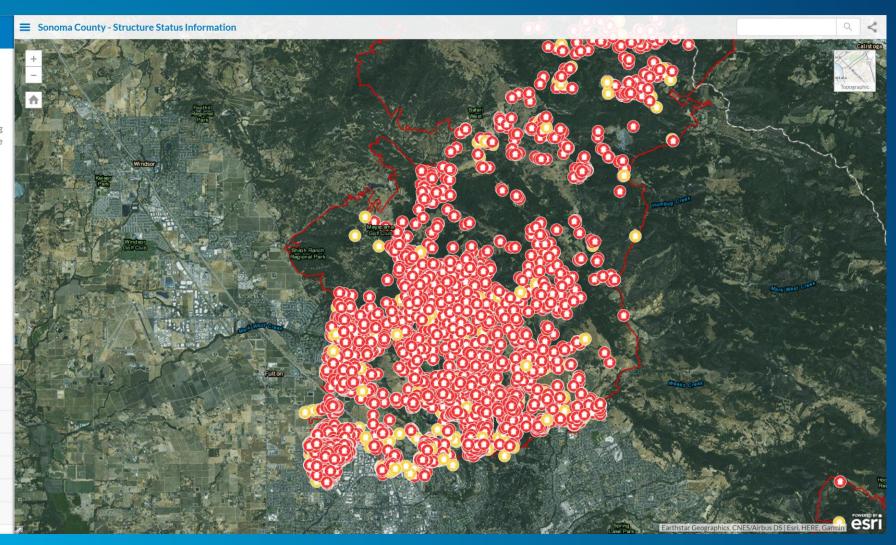
Tubbs Fire

Coffey Park

Fountaingrove

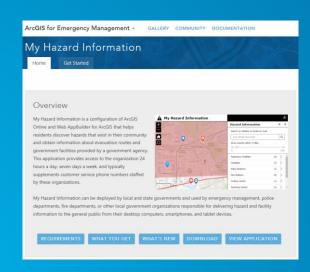
Larkfield / Wikiup

Sonoma Valley



Public Information Resources

- My Hazard Information Solution Template http://solutions.arcgis.com/emergency-management/help/my-hazard-info/
- Best Practices for Sharing Information with the Public Webinar https://youtu.be/xPBJ8j5cvrE

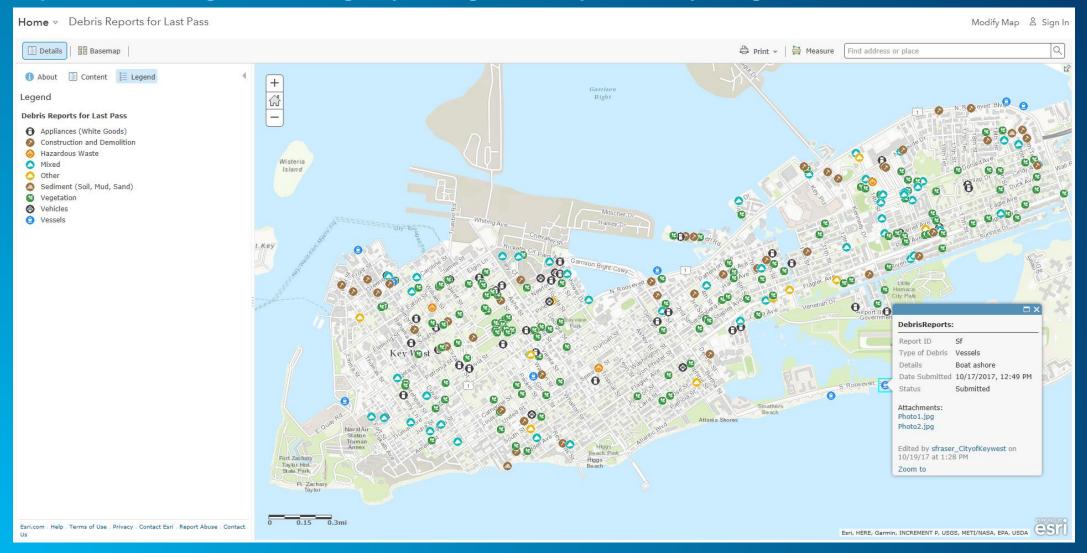




Debris Reporting

Debris Reporting

http://solutions.arcgis.com/emergency-management/help/debris-reporting/







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