



ArcGIS for Emergency Management

# Emergency Management Maps

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# ArcGIS for Emergency Management

A solution to support the EM Mission

- Series of useful maps and apps focused on emergency management work
  - Organized by phases of emergency response
  - Extensible, configurable
  - Freely available and fully supported
  - A foundation for Partner solutions
- Community of users
  - Best Practices / Implementation Support
- Network of Esri Services and Partner offerings
  - Help users implement, sustain and enhance



*... available on premise or in the cloud*

# Aligning development to support Emergency Management

Providing solutions that address the needs of the four phases

## Mitigation & Resilience

- Hazard Analysis
- Vulnerability Assessment
- Infrastructure Work
- Public Education

## Recovery

- Economic Recovery
- Debris Management
- Housing
- Health and Social Services



## Preparedness

- Emergency Response
- Planning
- Training and Exercises
- Partnership Building

## Response

- Life Safety
- Incident Stabilization
- Evacuations and Shelters
- Mass Care

# Emergency Management – June 2017

## Mitigation

- Hazard Assessment and Analysis
- Hazard Vulnerability Analysis
- Mitigation Dashboard
- Mitigation Plan Status

## Resilience

- Community Resilience
- Resilience Dashboard
- Resilience Outreach

## Preparedness

- Flood Planning
- Community Events
- CAMEO Tools
- Emergency Assistance
- Evacuation Zones
- My Hazard Information
- Floodplain Inquiry
- Community Parcels
- Community Addresses

## Response

- Emergency Management Maps
- Impact Summary Map
- Public Information Map
- Road Closures
- Incident Briefing
- Citizen Reports
- Health & Safety Reports
- Debris Reporting
- Common Operational Picture
- Situation Awareness Viewer
- Operations Response
- Logistics Planning
- Incident Status Dashboard
- Citizen Service Request
- Photo Survey
- Shelter Locator

## Recovery

- Damage Assessment
- Photo Survey
- Health and Safety Reports
- Debris Reporting

## Entire Organization

- ArcGIS Online for Emergency Management
- Community Parcels
- Community Addresses
- Crowdsource Manager
- Crowdsource Reporter
- Map and App Gallery

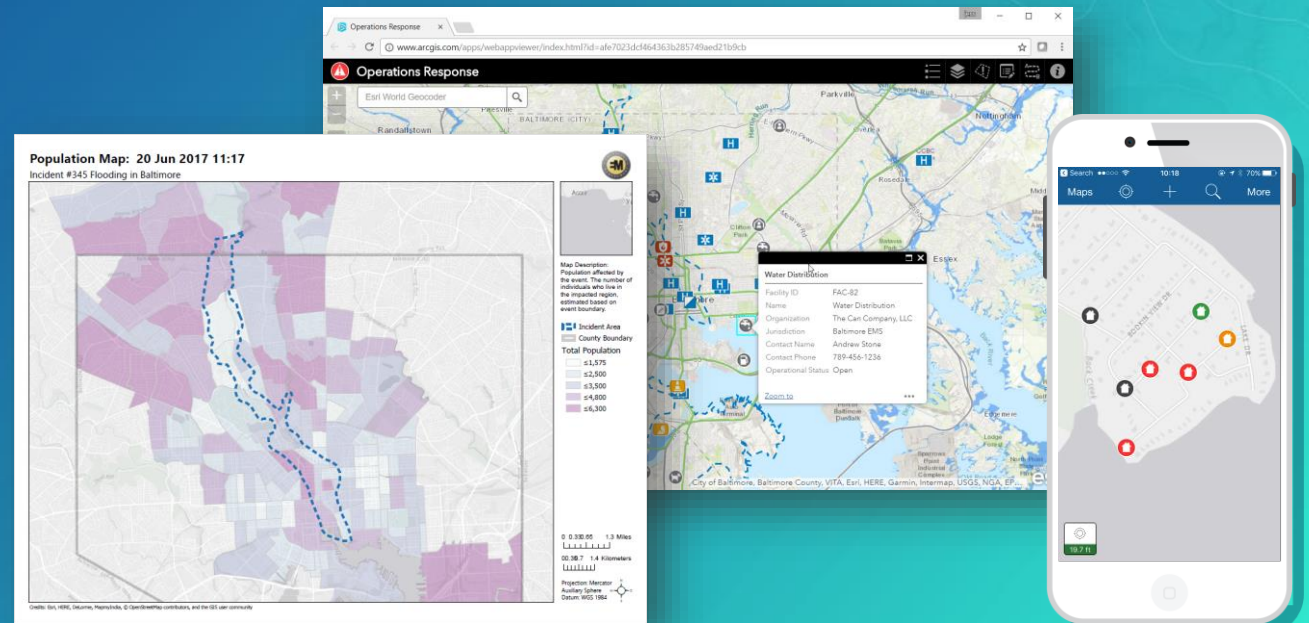
● What's New or Updated



# Emergency Management Maps

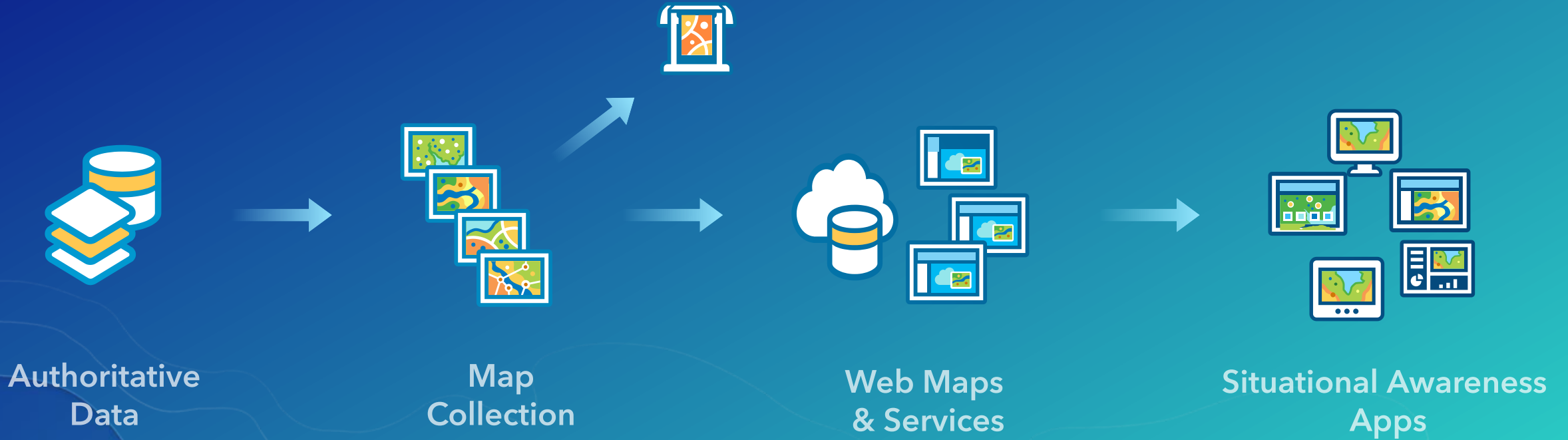
A foundation for Emergency Management Solutions

- Enables GIS support staff to:
  - Respond to an incident quickly with map products
  - Simplify the implementation of data and maps
  - Support decision makers with dynamic and actionable information
  - Share incident information via web based and hard copy products
  - Work online and offline



# Emergency Management Maps

A foundation for Emergency Management Solutions



... sync workflows targeted for Pro 2.1

# Emergency Management Maps

## Solution components

### Maps

Layers

Symbology

### Layouts

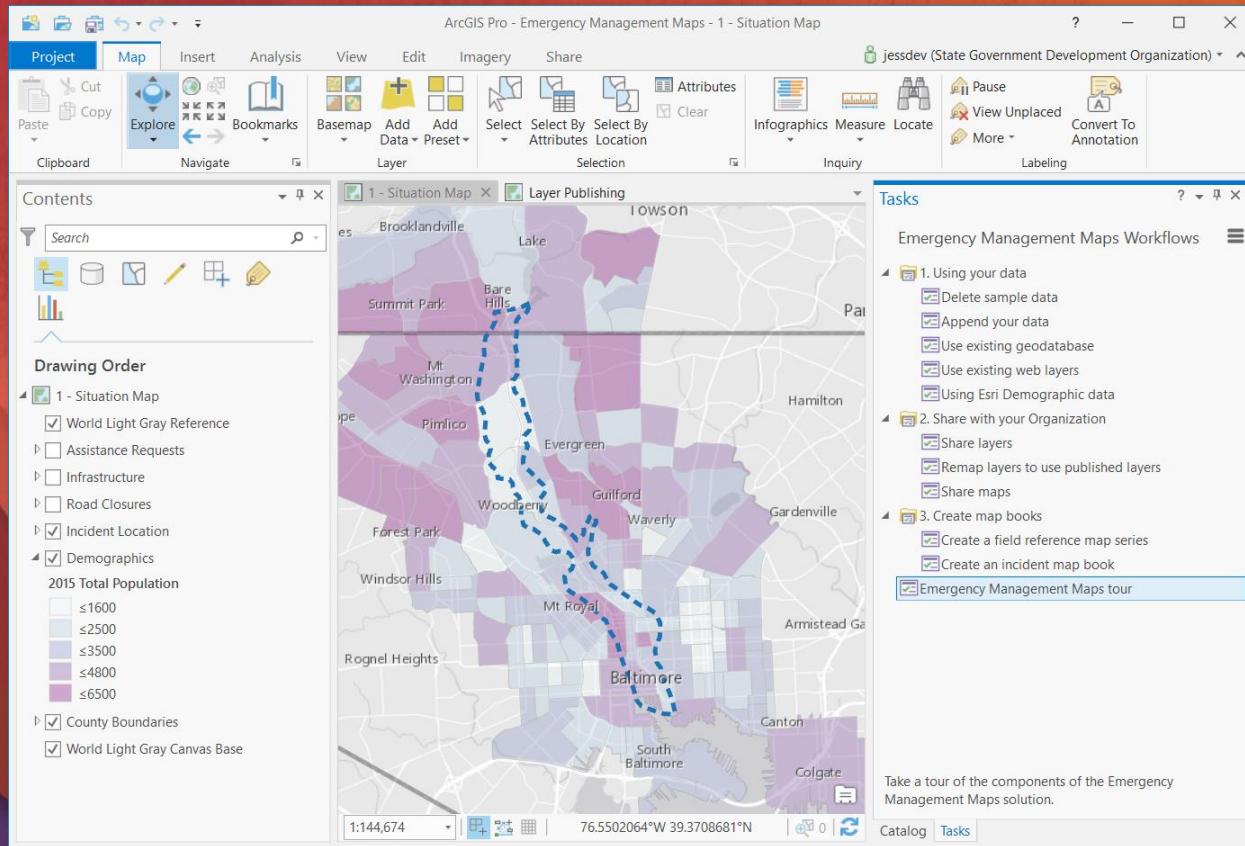
Standardized products

Consistent format

### Sharing Workflows

web based, digital, and hardcopy information products





# Demonstration



# Getting started with EM Maps

[esriurl.com/EMgtMaps](http://esriurl.com/EMgtMaps)

1. Download the template
2. Populate with your data
  - Operational data
  - Reference data
  - Esri Data and Maps, Living Atlas, other live feeds
3. Share layers and maps via ...
  - ArcGIS Online organization
  - Printed maps
  - Digital map books
  - ArcGIS Open Data site

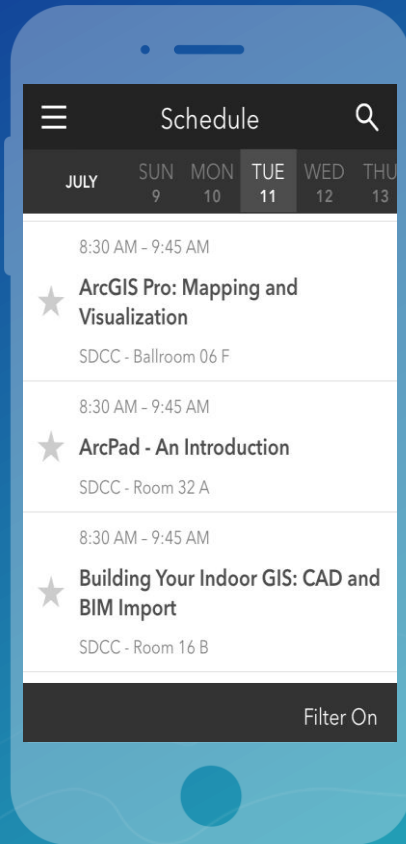
*... sync workflows targeted for Pro 2.1*

# Please Take Our Survey on the Esri Events App!

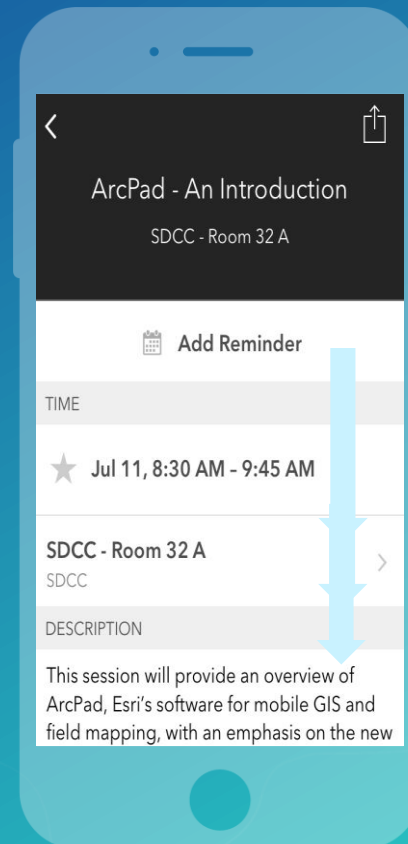
Download the Esri Events app and find your event



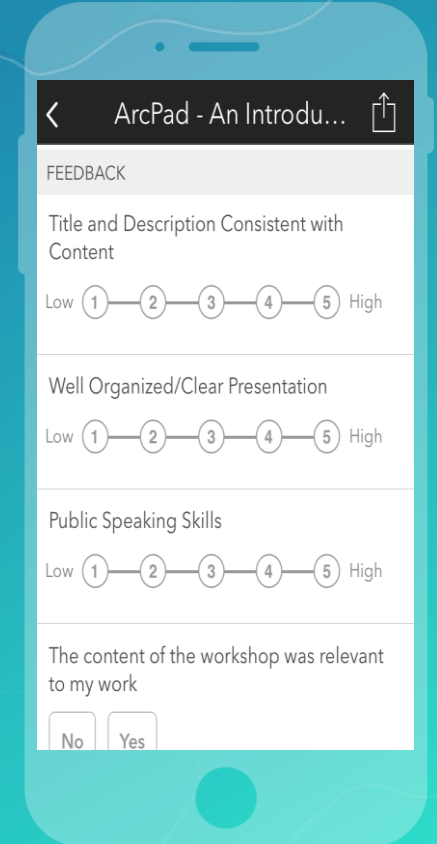
Select the session you attended



Scroll down to find the survey



Complete Answers and Select "Submit"



# Thank you!

Questions

[esriurl.com/EMgtMaps](http://esriurl.com/EMgtMaps)

## Connect With Us after UC



<http://solutions.arcgis.com/#Emergency-Management>



<https://www.meetup.com/ArcGIS-for-Emergency-Management>



@ArcGISforEM



<http://esri.github.com>

## Recommended Sessions

### Wednesday

8:30 am - Tech Session - Room 05 A  
Configuring the ArcGIS for  
Emergency Management Solution

11:30 - Demo Theater 16 (here!)  
Deploying the Community Events Solution

4:30 pm - Demo Theater 16 (here!)  
An Overview of Situational Awareness

6:00 - 8:00 pm - Hilton - Promenade Plaza  
State and Local Government Social

### Thursday

8:30 am - Tech Session - Room 16 A  
Address Data Management Maps and Apps





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