ArcGIS for Emergency Management

Emergency Management Maps

JESS NEUNER
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

<table>
<thead>
<tr>
<th>Mitigation</th>
<th>Resilience</th>
<th>Preparedness</th>
<th>Response</th>
<th>Recovery</th>
<th>Entire Organization</th>
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<tr>
<td>Hazard Assessment and Analysis</td>
<td>Community Resilience</td>
<td>Flood Planning</td>
<td>Emergency Management</td>
<td>Damage Assessment</td>
<td>ArcGIS Online for</td>
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<td>Hazard Vulnerability Analysis</td>
<td>Resilience Dashboard</td>
<td>Community Events</td>
<td>Maps</td>
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<td>CAMEO Tools</td>
<td>Impact Summary Map</td>
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<td>Emergency Assistance</td>
<td>Public Information Map</td>
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<td>Shelter Locator</td>
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**What's New or Updated**

- Damage Assessment
- Photo Survey
- Health and Safety Reports
- Debris Reporting
- ArcGIS Online for Emergency Management
- Community Parcels
- Community Addresses
- Crowdsource Manager
- Crowdsource Reporter
- Map and App Gallery
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

Authoritative Data → Map Collection → Web Maps & Services → Situational Awareness Apps

... 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

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**!

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Select the session you attended

Scroll down to find the survey

Complete Answers and Select "Submit"
Thank you!

Questions

esriurl.com/EMgtMaps

**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

**Connect With Us after UC**

- @ArcGISforEM
- http://esri.github.com