ArcGIS System

- Online
- Desktop
- Server
- Mobile
- Developer
- Solutions
ArcGIS Online Unlocks an Organization’s Geospatial Assets
Public Safety and ArcGIS Online

Who’s Who: Public Safety agencies using ArcGIS Online

Incident/Disaster scenario

What to do before an incident

Q&A
Nashville, Tennessee ArcGIS Online Based EOC Public Site

http://maps.nashville.gov/NERVE
Duluth, Minnesota Web Maps
Flooding – July 2012

http://www.duluthmn.gov/2012_flood/
Major Cities Chiefs Police Association
ArcGIS Online Member Cities Web Map Application

https://www.majorcitieschiefs.com/members.php
Firewise – ArcGIS Explorer Online Map

http://nfpa.typepad.com/firewise/
Santa Clara, California Fire Stations
Internal Web Map Applications
Maryland Emergency Management Agency
Power Outage Web Map Applications

http://pilot.maryland.gov/sites/mema/current/Pages/PowerOutages.aspx
Douglas County, NE Sheriff’s Office
Crime Web Map

http://www.omahasheriff.org/crimes-and-prevention/crime-map
Australia Floods
International
Mexico Earthquakes, Thailand Flooding
What Is In Common?

- Geocollaboration
- Making information easily accessible
- Integrating into existing websites
- Utilizing existing data (ArcGIS Online basemaps)
What can you do now before the next event?
Actions to Successful ArcGIS Online Experiences
For Public Safety Organizations

1. Establish ArcGIS Online organization
2. Form groups
3. Reference and create content
4. Use every day
Establish ArcGIS Online Organization

Identify Administrator

• 1 – 2 people
Establish ArcGIS Online Organization

Identify Administrator

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Administrator configures:

• Homepage/Branding
Establish ArcGIS Online Organization

Identify Administrator
• 1 – 2 people

Administrator configures:
• Homepage/Branding
• Featured Content
• Organization Gallery
Establish ArcGIS Online Organization

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Administrator configures:

- Homepage/Branding
- Featured Content
- Organization Gallery
- Default basemaps
Establish ArcGIS Online Organization

Identify Administrator
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Administrator configures:
- Homepage/Branding
- Featured Content
- Organization Gallery
- Default basemaps
- Web app templates
- Security
Form Groups

• Administrator creates groups
• Include stakeholders
• Invite Users to Organizations and Groups
• Types
  - Administrative
    - Basemaps, Gallery
  - Operational
    - ICS, ESF
• Who has access
• Public / Private / Organization?
Suggested Groups - Administrative

**Private Groups**
- Basemaps
- Organization Gallery
- Tools and Templates
- Web Services
Suggested Groups - Operational

Emergency Support Function operational areas – organization or private access

• ESF1 – Transportation
• ESF2 – Communications
• ESF3 – Public Works
• ESF4 – Firefighting
• ESF5 – Emergency Mgmt
• ESF6 – Mass Care
• ESF7 – Logistics
• ESF8 – Public Health
• ESF9 - Search and Rescue
• ESF10 - HAZMAT
• ESF11 - Agriculture
• ESF12 – Energy
• ESF13 – Public Safety
• ESF14 – Recovery
• ESF15 – External Affairs
Suggested Groups - Operational Support Operations

• Public
  - Gallery
  - Public Information

• Partner
  - Government
  - Private industry
Reference and Create Content

• Reference existing content
  - Created by your organization
  - Created by others

[Image: Web Services]

UC12 - Admin Web Services
Reference and Create Content

• Create content
  - Custom basemaps
  - Esri basemaps, zoomed to your AOI
Reference and Create Content

• Tools, Templates, etc.
  - ArcGIS for Public Safety maps and apps
  - Esri task services (e.g. geocoding)
  - Your geoprocessing tools
Reference and Create Content

- Web maps
  - Useful information products
  - Intelligent
  - Communicate ideas
  - Tell stories

- Considerations
  - Cartography & basemaps
  - Pop-ups
  - Descriptive titles, summaries, thumbnails, tags
Special Event Planning - Authoring

Web map with unique identifier

One feature service (w/ 4 layers) published with ArcGIS for Server

ArcGIS Online hosted basemap

Edit Capabilities enabled on Feature Service
Special Event Planning – Sharing with the Public

Web map shared with the public

Web app template (‘Simple Viewer’)
Emergency Management – Current Situation Viewer

- Road Blocks – tabular/Excel data from Police
- Evacuation Area – hosted feature service from Emer. Mgmt.
- ERG Zones – hosted feature service from Emer. Mgmt.
- Special Event Plan – on-premise feature service from Police
Emergency Management – Sharing with the Public

- Web map shared with the public
- Public group shared as an embedded gallery
- Web app template ('Storytelling - Sidepanel')
Use Every Day

Use ArcGIS Online as a part of your routine (not just for emergencies)

- Build a comfort level, create new habits
- Implement ArcGIS Online to match your own organization’s structure and workflows
- Create a mapping destination full of useful content
Please complete Session Survey
ID = 760

www.esri.com/ucsessionssurveys
### Additional Workshops…
#### Wed, July 25th

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
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<td>Building Custom Apps with AGOL</td>
<td>15 A</td>
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<td>5:00–6:00</td>
<td>AGOL for Desktop Users</td>
<td>Mapping &amp; Visual. Demo Theater</td>
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#### Thur, July 26th

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<td>ArcGIS Online for Organizations</td>
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<tr>
<td>10:15–11:30</td>
<td>Best Practices for Designing Effective Map Services</td>
<td>15 B</td>
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<tr>
<td>10:15–11:30</td>
<td>Best Practices for Publishing and Sharing</td>
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<td>1:30-2:45</td>
<td>Creating Web Maps: Tips &amp; Tricks</td>
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<td>Building Custom Apps with AGOL</td>
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<td>3:15-3:35</td>
<td>Map Caching: Tips from AGOL Team</td>
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