Situational Awareness: Emergency Management Perspective

- Lots of data sources – Focus on the most critical and useful
- Types of data
- ArcGIS Online as a sharing platform
- Common Operating Data – San Diego Ecosystem
- Keep it simple – Risk Assessment Matrix sample
Situational Awareness

Ready Data
- Specialized Resources
- Emergency Preplans
- Critical Infrastructure
- Natural Hazards
- Census Data

Operational Data
- Cameras
- Shelter Locations
- Incident Location
- Traffic Management
- Evacuation Areas
- Social Media
- Weather
- Damage Assessments
- Command And Control
ArcGIS Online Organizational Accounts

Public Safety Agencies

What and who to share with?
Public? Private?

Local Agency ESRI Software and Data

SanMAPS (ArcGIS Online)

Examples:
- Incident Location
- Command and Control
- Evacuation Areas
- Damage Assessment
- Road Closures
- Shelters
- Critical Infrastructure
- Hazard Risk Maps
- Position Location
- Specialized Resources
- Utilities
- Emergency Preplans
- Social Media
- Cameras
- Traffic Management
- Census Data
- Weather

Mobile Public Safety Users

Public

Examples:
- SDEmergency App
- Embed in Website
- Evacuation Areas
- Road Closures
- Incident Location
- Shelters

What and who to share with?
Public? Private?
Common Operational Data – San Diego Ecosystem

SanMAPS

- Public Safety GIS
- Haystax/DS7 CalCOP
- NICS
- WebEOC
- Law Enforcement Coordination Center
- Fire CAD-Vehicle Location

SDEmergency App

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Response Safety
Harbison Canyon and the community of Crest are high risk locations which have experienced numerous severe wildfires, a firefighter fatality and numerous near-misses, and extensive structural loss. The community of Harbison Canyon may be undefensible under extreme fire behavior conditions. Many homes with limited defensible space, high exposure, and other risk factors.

Aviation Hazards
1. Power lines South-west of Crest.
2. Harbison Canyon is a military low-level flight training route.

Potential Choke Points/Entrapments
All routes accessing both communities may be compromised by fire movement including La Cresta Rd., Mountain View Rd./Francis Dr., Harbison Canyon Rd., Japatul Rd., & Dehesa Rd. Be prepared to close roads to all traffic when safety is compromised by fire movement. Dirt roads should not be used during fires by civilian traffic. When safe, Suncrest TT. may be used by fire apparatus only.
Questions?

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