#### Esri Southwest User Conference

November 13-15, 2013 | Salt Lake City, Utah



## ArcGIS for Emergency Management: An Overview

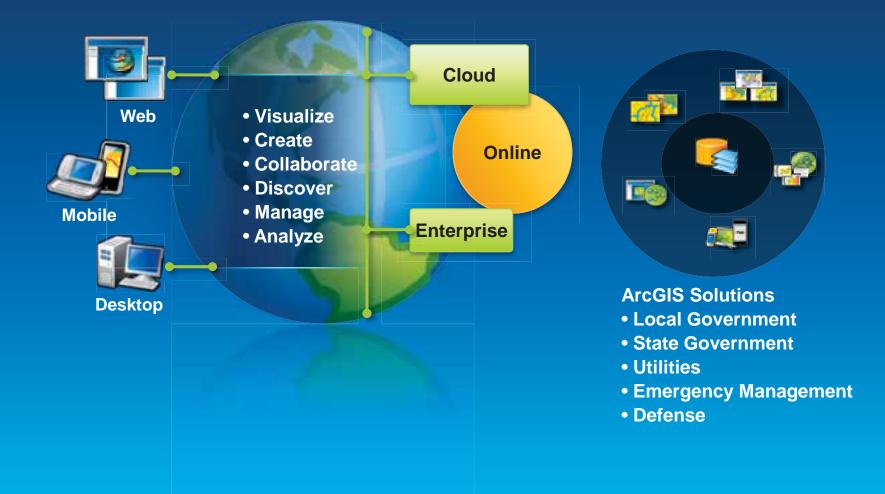
**Bryan Franey** 

#### Agenda

- Local Government Context
- ArcGIS for Emergency Management
- Demonstrations
- What's next
- Feedback / Questions

#### ArcGIS

A Complete System for Geographic Information



## **ArcGIS for Emergency Management**

A solution for Esri's local government customers

- A series of useful maps and apps focused on local government work
  - Organized into domains
  - Extensible, configurable
  - Freely available and fully supported
  - A foundation for Partner solutions
- An online community
  - Best Practices / Implementation Support
- A network of Professional Services and Partner offerings
  - Help users implement, sustain and enhance





# Why are we doing it?

## **Our Mission**

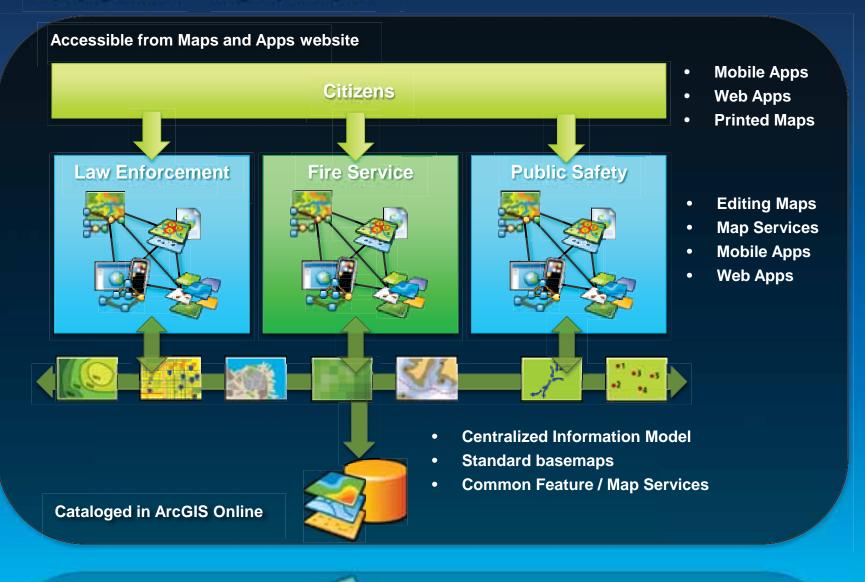
Help increase the value of GIS in Emergency Management organizations

#### Make it easier to deploy ArcGIS

- Deliver applications quickly throughout your organization
- Stay current with future releases / avoid legacy technology
- Create a platform of geospatial data that can be leveraged by many
- Address common constraints in emergency management
  - Size and skills of staff
  - Budget and time available to implement
- Empower the community to contribute
  - Users
  - Partners

## **A System View**

#### **Deploying ArcGIS for Emergency Management**

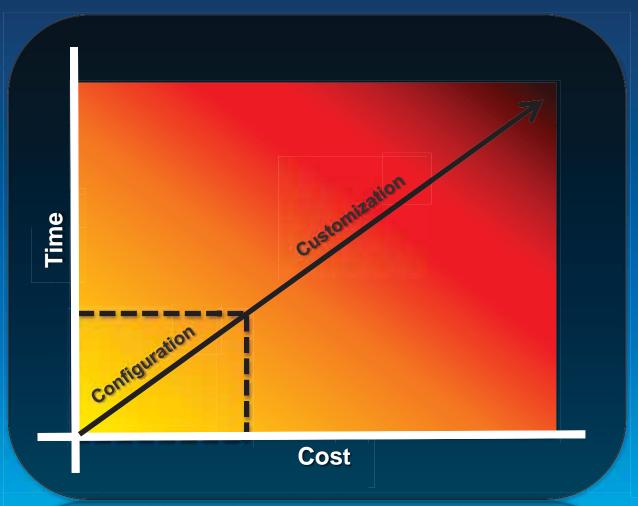


#### **Configurations Patterns**

- Influential factors
  - COTS and configurable solutions strategy
  - Deployment time
  - Technical expertise
- Three configuration patterns
  - Complete system adoption
  - Publish and adopt
  - Sample code and customize
- Where do you start?
  - With your business requirements
  - Align them with maps and apps
  - Review system configuration patterns

#### **Configure vs. Customize**

Reduce cost, time and risk



#### **Benefits**

- Implement quickly
- Easy to add new features
- Simple to maintain
- Easy to extend

.....your feedback affects future releases

# The Community



## **ArcGIS for Emergency Management**

#### http://solutions.arcgis.com – Just Released

**ArcGIS Solutions** 

indensi the leasts of your CRS





ArcGIS for Local Government



ArcGIS for State Government



ArcGIS for the Military



ArcGIS for Intelligence



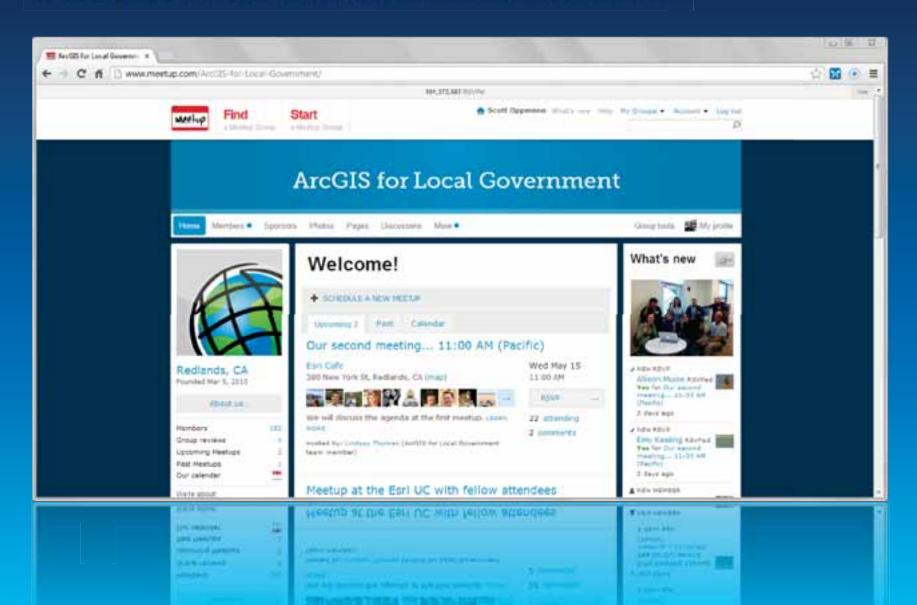
ArcGIS for Water Utilities



ArcGIS for Emergency Management

#### **Local Government Community**

An ongoing dialog where users can learn from peers and share their success stories



#### **Local Government Community**

There's a place where developers can contribute too



Dear sold values and being tables and all parts

park-and-recreation-finder JeesSorge

public-safety-cop ActionScript

or extensions on plane methods result to got planet

local-government-onlineapps

TAVADORINE.

# Emergency Management



#### **ArcGIS supports the Emergency Management Mission**







## What your users want...



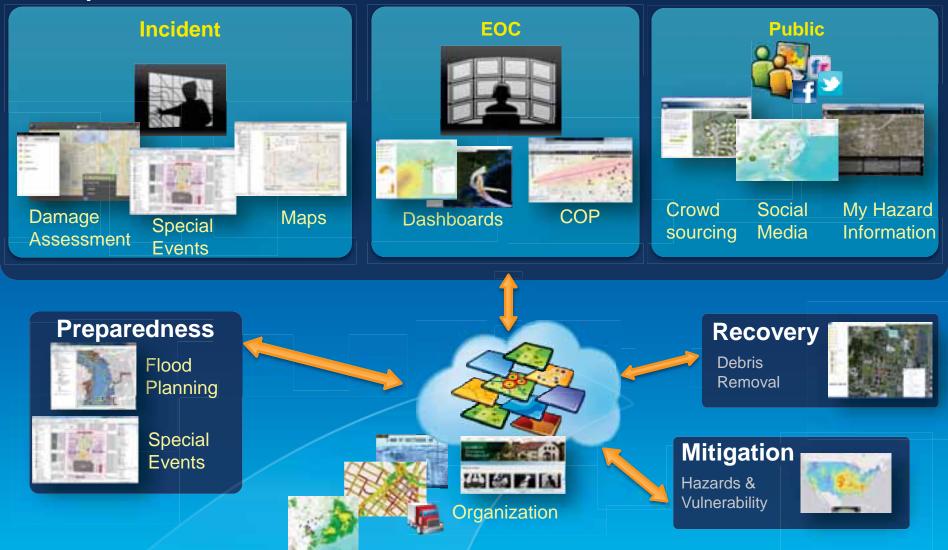
## **ArcGIS for Emergency Management**

#### Response



## **ArcGIS for Emergency Management**

#### Response



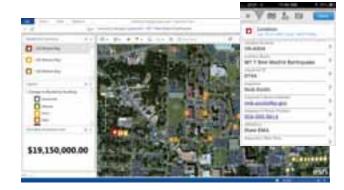
#### New Apps



# DEMOS

Operations Dashboard Collector My Hazard Information Special Event Planning Citizen Service Request





#### What's on the horizon?

- Support Public Information Officer workflows (provide examples)
- Additional Operations Dashboard Configurations focus on smaller natural and manmade events
  - Logistics Dashboard
  - Shelter Status Dashboard
  - Transportation Dashboard
  - Additional GeoEvent Processor configurations
- Hazard and Vulnerability Analysis
- Operations Planning
- Debris Removal Monitoring
- Leverage new applications Explorer, Briefing book, etc.

#### Summary

#### Our Goals

- Deliver a "emergency management GIS" that enables your success
- Evolve and grow the collection of apps
- Provide a platform for partners to deploy their solutions
- We want your participation and involvement
  - Download the maps and apps
  - Provide feedback on existing content
    - Comments
    - E-mails
    - Meet with us at the UC, other events
    - Identify opportunities for new content
      - Working together



Understanding our world.