



## **ArcGIS Platform deployment in the New Madrid Earthquake drill and Napa Earthquake**

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### **ABSTRACT :**

The presentation will explain the benefits and effectiveness of deploying a GIS Platform for Public Safety and Emergency Management. It will explain how GIS can be utilized as a Platform to manage Public Safety Workflows (Planning, Operations, Logistics, Command, and Public Information); how readily available, useful , and ease-of-use Templates for Situational Awareness, Mobile Data Collection, Briefings, Planning, Crowdsourcing, Social Media Integration, Map Production, Public Information, Cell Phone Tracking, and Hazard Analysis, can generate sound and immediate results; how Modeling and Consequence Analysis can be conducted to understand what the consequences of events are likely to be; how organizations such as FEMA have implemented the ArcGIS Platform to share information and conduct operations; and how organizations makes maximum uses of the platform in recent emergencies and special events (Colorado Flooding, Washington Landslide, Super Bowl, Boston Marathon, New Madrid Exercise – CUSEC, Napa Earthquake, etc.).

### **KEYWORDS:**

GIS, ArcGIS Platform, New Madrid Exercise, Napa Earthquake