Emergency Management Solutions

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CHALLENGING AND EVOLVING TIMES

SOCIAL CONFLICTS
HOMELESSNESS
DEMOGRAPHIC SHIFTS

ECONOMIC PRESSURES
TRANSPORTATION
EPIDEMICS

DISASTERS
CLIMATE CHANGE
DROUGHT
FLOODING
Preparing for and Responding to Disasters

Assessing Vulnerable Populations

Humanitarian Resources

Coastal Flood Analysis

King County, New York

Landslide Forecasting

FEMA

Wildfire Response Planning

Washington

Hurricane Storm Surge Model

Baltimore County, Maryland
Challenges

• Remaining in a “constant state of preparedness”

• Understanding what, and who, is affected if an incident were to occur

• How to apply limited resources effectively

• Monitoring activity during dynamic conditions and providing real time operational briefs

• Conducting rapid damage assessment and ensuring community recovers effectively

• Communicating effectively with the public
GIS Has Evolved

Your GIS is an Interconnected Platform

Bringing Together Data, Technology, and People...

...Creating a Framework for Solving Complex Problems
Turning Point

ArcGIS Online

Mapping Without Limits
ArcGIS Online is a Complete, Cloud-Based Mapping Platform

ArcGIS Online mapping tools are powerful yet simple to use so everyone in your organization can make and share beautiful maps.

ArcGIS Industry Specific Maps and Apps
ArcGIS Solutions deliver Ready-to-Use Maps and Apps to jumpstart your work

Leverage hundreds of ready-to-use maps, apps, and platform configurations to meet your needs, delivering innovation and best practices for your organization.
ArcGIS Solutions for Emergency Management
Helping agencies become more resilient, develop preparedness plans, and respond to emergencies

- Collection of useful maps and apps
  - Configurable and extensible
  - Freely available and fully supported

- Community of users (500+ Meetup members)
  - Best Practices / Implementation Support

- Network of Esri Services and Partner offerings
  - Help users implement, sustain and enhance

Available on-premise or in the cloud
Mission

• Deliver maps and applications quickly throughout their organization
  • Roadmap for standard capabilities, improve service delivery, expand reach, innovation....

• Stay current with future releases / avoid legacy technology
  • Save time and money, leverage new ArcGIS offerings, focus on complex or unique problems....

• Unlock geospatial platform so it can be leveraged by many
  • Mitigate many organizational challenges, maximize technical expertise....

• Leverage the collective knowledge of the entire community
  • Best practices, industry tradecraft....
Aligning Development to Emergency Management

Providing solutions that address the needs of the emergency management lifecycle

**Mitigation**
- 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
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Show Me!
How do I get started?

Leverage solution offerings to maximize technical expertise and minimize deployment time

• Deploy quick wins
  • Configure your mapping platform
  • Align with strategic business needs
  • Implement one or more focused maps and apps
• Organize your data
• Iterate....

...embrace an agile implementation approach
What’s New
Summer 2018 Releases

• Enhancements to existing offerings
  • Community Mitigation
  • Emergency Management Maps
  • Situational Awareness
Road Ahead

• Simply, simplify, simplify

• Operations

• Public engagement

• 3D
The Community

It’s not just about the technology
Closing

• Deliver solutions that enable your success
  • Easier to deploy and sustain

• Evolve and grow the collection of apps

• Develop a community of users

• Provide a platform for partners to deploy their solutions
Thank you

Be innovative, aware, and know you are not alone

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http://solutions.arcgis.com/
http://meetup.com/ArcGIS-for-State-Government/

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