Analyzing, Collaborating and Responding to Risk: A Platform Approach

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Analysis
Analysis Drives Understanding...

Vulnerability Assessment

1. Hazards
   - Natural and Technological
   - Flooding Areas 25%
   - Proximity to Railroads 25%
   - Prox. Hazmat Facilities 25%
   - Prox. HAZMAT Routes 25%

2. Values
   - Infrastructure and Population
   - Density of Critical Infrastructure
   - Vulnerable Populations

3. Vulnerability
   - (Hazards × Risk) × Value = Vulnerability

Prepared by the County Planning Officer
- Emergency Management Agency
- Data presented for demonstration purposes only
For more information contact: emergencymanagement@agency.com
Build the Foundation
…and Understanding Risk is the Foundation.
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Operationalize
Integrate through the entire workflow

- Operationalize
- Innovate delivery to anyone
- Dynamically update
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Collaborate
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GIS: A Common Operating Platform

GIS

Connects people in meaningful ways…
Collaborate

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Connects people in meaningful ways…
Online
Online Collaboration…

ArcGIS Online
Create and Collaborate on Maps and Apps
ArcGIS Online is a cloud-based, collaborative content management system for maps, apps, data, and other geographic information.

Collaborate
Discover
Make a Map
Share
Open
Online Collaboration...
Collaboration
Connect everyone
A Platform Approach

Common Operating Platform

Data, Maps & Apps

Community
Thank you!

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