



EOPMapper: Spatial Data Understanding, Collaboration, and Action



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Disclaimers

- EOPMapper is designed to enable EOP map production
- Not a GIS Professional
- Fresh out of the oven
- Exchange of Ideas



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Why EOPMapper?

- Kansas Planning Standards (KPS) revised
 - Required EOPMapper
 - Stakeholder feedback dictated this session
- Desire to improve Program preparedness
 - Enhance planning products
 - Enable planning products to be utilized across phases
 - Limit duplication and improve partner collaboration



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2014 KPS

24 Required map products

Primary and alternate transportation routes

Evacuation routes

Population density

Traffic count

Railroads

Communications coverage

Repeater locations

Trash collection and temporary storage sites

Fire service providers

Logistics staging areas

Points of distribution

Bulk fuel storage facilities

Pipelines

Waterways

Fixed facilities

Critical facilities vulnerable to
hazmat incident

Hazmat transportation routes

Evacuation routes (hazmat specific)

Land coverage/use

Watersheds

Historic registry

Utilities service areas

Public safety service provides



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KPS Elements

Required for EOP Approval (Reviewed)	Planning Considerations
Identify debris mgmt. sites	Accommodate 25% of forecasted debris
Identify route clearance priorities	Incorporate communities >2,000
Identify viable dip sites w/contact	8 miles of incorporated communities
Capture school district 24 hr. contact	
Identify shelters (human/animal) (Sq. ft)	2% of population / pet estimation formula
Identify LSA and POD locations	PODs (Sq. ft) to support entire population
Identify community infrastructure w/power supply concerns	Volts/Amps minimum
Capture hospital 24 hr. contact	



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DEMO

- Visual situational awareness and jurisdiction familiarity
- Data consolidation and sharing
- Pre and Post incident use enabling informed action
- Required KPS elements



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Road Map

- Login Portal
- Import/download shapefiles
- Incorporate debris forecasting
- Explore “just-in-time” evacuation routes mapping
- Widgets: Opacity slider; Draw; Label toggle; Filter point categories/types



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Questions/Comments

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