



Enhancing Information Sharing through Geospatial and Data Services

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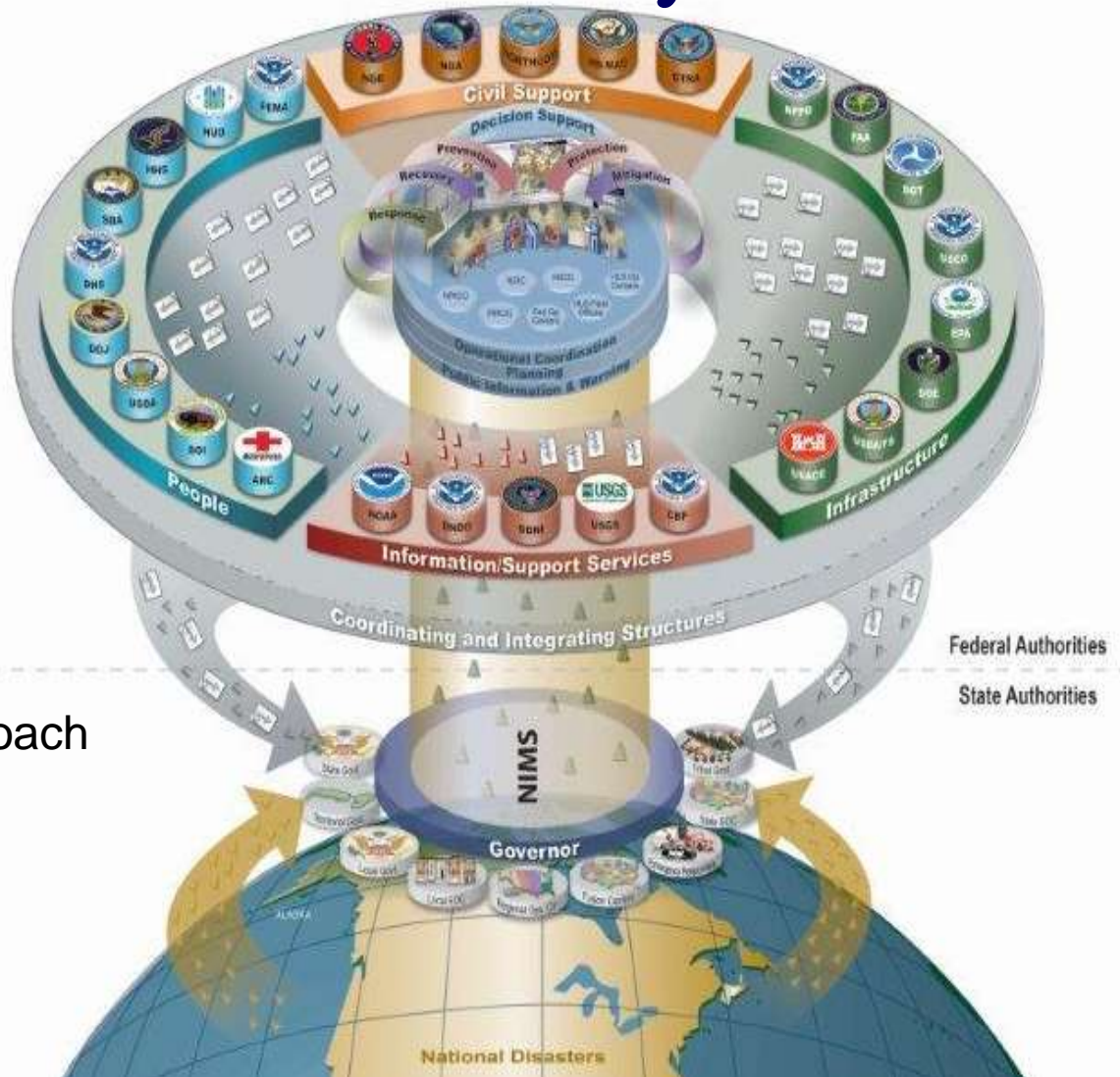
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PPD-8 Alignment – Community Model

- Community?
- Challenges
- Paradigm Shifts
 - Consuming Services
 - Mobility
 - Cloud
 - Services oriented approach



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DHS Information Sharing Initiatives

- **Establishment of the DHS Information Sharing Environment Office (ISEO)**
- Donna Roy as the Executive Director
- Direct report to DHS CIO
- **Includes a growing portfolio of high visibility information sharing programs and initiatives.**
- The ISEO's mission to advance the information sharing environment under the guidance and leadership of both the Under Secretary, Intelligence and Analysis and the CIO.
- Provides leadership, oversight, and management of the HSIN program.
- Leads the National Information Exchange Model (NIEM) Joint Program Management Office (JPMO).
- Leads the Information Sharing Environment (ISE) Suspicious Activities Reporting (SAR) initiative.
- Provides policy guidance and insight to support the implementation of federated identity management with PM-ISE SBU partners.



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Homeland Infrastructure Foundation Level Data (HIFLD) Working Group

- A unique partnership between DHS, DoD, USGS, NGA and over 300 contributing organizations across the Federal and State and Local Government and the private sector.



- Support Domestic Infrastructure Data Gathering, Sharing and Protection, Visualization, and Spatial Knowledge Management for Homeland Defense, Homeland Security and Emergency Preparedness, Response and Recovery Communities.

- Everyone Wants Situational Awareness
- Everyone Wants a Common Operational Picture

Both Require Common Foundation Data from Authoritative Sources
(everything has location)



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DHS Geospatial Tools

▪ Purpose:

- Ability to visualize multiple data layers from various sources
- Provides situational awareness of threats, events impacting infrastructure
- Informs planning, response, and recovery from all-hazard events

▪ Applications and Access:

- DHS Earth
 - Google Earth based program
 - File download online
 - Data feed accessed with HSIN credentials
- DHS OneView
 - Web-based viewer using Bing Maps Architecture
 - Sign in online with HSIN credentials



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DHS Geospatial Tools DEMO

Live Demo of:

- DHS Geospatial Information Infrastructure (GII)
- One View
- Imagery Service
- Batch Geocoding



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Thank You for your time!

Questions at the end?

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