Homeland Security Geospatial CONOPS (GeoCONOPS)

NAPSG Webinar Presentation

Prepared by David Lilley – DHS Geospatial Management Office

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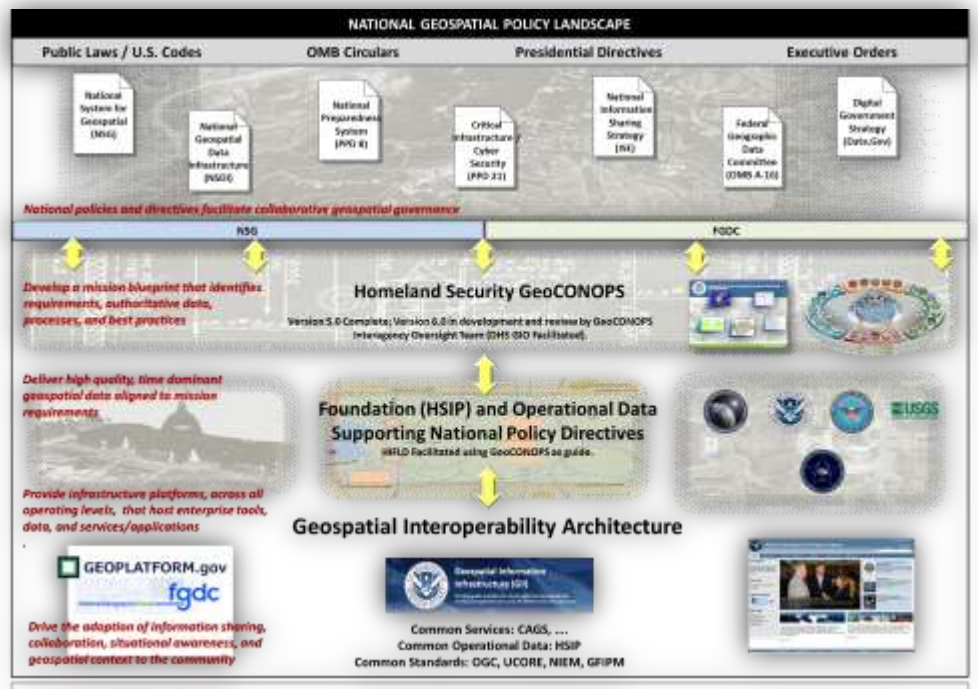
Agenda and Objective

- Homeland Security GeoCONOPS
  - ***WHO*** MANAGES THE HLS GeoCONOPS?
  - ***WHAT*** IS HLS GeoCONOPS?
  - ***WHEN*** IS THE HLS GeoCONOPS PUBLISHED AND UPDATED?
  - ***WHERE*** DO I ACCESS THE HLS GeoCONOPS?
  - ***WHY*** THE HLS GeoCONOPS IS IMPORTANT TO ME?

Emphasis on reviewing the GeoCONOPS Website and getting YOUR feedback!

Geospatial Management Office (GMO)

- Promote collaborative geospatial ***governance***
- Deliver high quality, time sensitive, ***geospatial information*** aligned with mission requirements
- Provide a ***shared geospatial delivery architecture*** that hosts enterprise viewing tools, data, and analytic services/applications
- Advance interoperability through geospatial ***technology*** and ***standards***
- Build ***tradecraft*** and standard operating procedures



Driving toward a National framework for geospatial information sharing….

Geospatial – Technology, Tradecraft, Information, Policy

*Established by the Intelligence Reform and Terrorism Prevention Act of 2004
*Implemented through DHS Management Directive 4030

Homeland Security (HLS) GeoCONOPS

WHAT IS THE HLS GeoCONOPS?

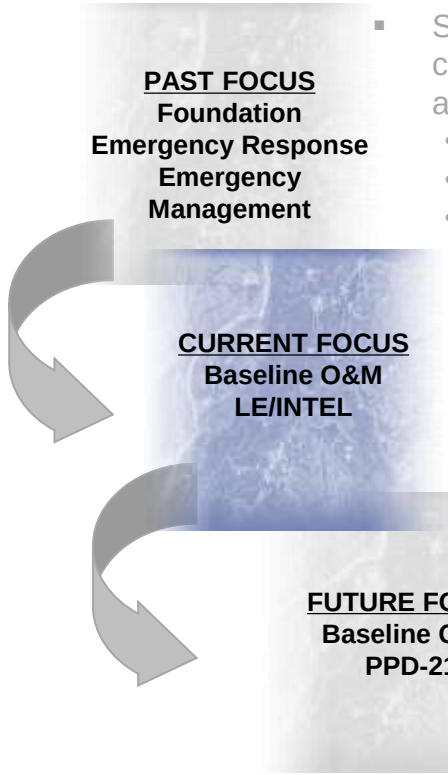
- Geospatial Mission blueprint of the resources and capabilities available for support in Homeland Security Enterprise
- Supports larger set of national initiatives and policies to align geospatial resources and capabilities
- Identifies points of coordination and collaboration
- Documents authoritative geospatial data sources
- Describes best practices
- Identifies technical capabilities
- Provides States/locals a key resource for understanding the larger geospatial community supporting Homeland Security (who, what, and when)

A whole of the nation approach….

GIOT

- HLS GeoCONOPS is *managed and administered by the DHS GMO*
- HLS GeoCONOPS is *guided* and influenced *by* the *Geospatial Interagency Oversight Team (GIOT)*
  - Consists of 45 organizations within 20 agencies and partners

HLS GeoCONOPS Evolution



- Set the foundation for the GeoCONOPS, building the initial framework around the common event types and magnitudes supported under the NRF, ESF, PPD-8, and Stafford Act. Addresses:
  - Emergency Response (Non-Catastrophic and Catastrophic)
  - Full emergency management lifecycle to include preparedness,
  - response, recovery and mitigation

- ***Operations and Maintenance (O&M) on geospatial requirements, capabilities, authoritative data sources, best practices, etc***
- ***Expand content to include the Law Enforcement (LE) and Intelligence (INTEL) communities for Homeland Security and Defense.***

- Operations and Maintenance (O&M) on geospatial requirements, capabilities, authoritative data sources, best practices, etc.
- Expand to support Presidential Policy Directive (PPD)-21 on Critical Infrastructure Security and Resilience to strengthen and maintain secure, functioning, and resilient critical geospatial infrastructure.

HLS GeoCONOPS VERSION 6.0

- **Conducting an annual Top-to-Bottom Review**
  - Minor edits across entire document
  - Adding/Updating Details
  - Full Review of Appendix B (Authoritative Data)
  - Revision of Appendix G – US National Grid
    - In-line with NAPSG Implementation Guide
- **New Annex - Intelligence and Law Enforcement (Intel/LE)**
  - Key engagements with DOJ, CBP, USSS, ICE, USCG, and IC
  - Contain scenario centered around the Amistad Dam
  - ***Published separately*** via DHS GII and IntelLink
- **New Appendix covering the FEMA Modeling and Data Work Group**

HLS GeoCONOPS Products

Printed Media

Fold-out Poster/Fact Sheet

Quick Start Guide

Full Print Version

Online Resources

Web/CBT Training

Website
(Available Now!)

Mobile View

Co-sponsored Products

- Geospatial Standard Operating Guide
- Coastal Oil Spill Geospatial SOG Annex
- WildFires Geospatial SOG Annex
- US National Grid Geospatial SOG Annex
- Incident Symbology Report of Findings
- Capabilities & Readiness Assessment Tool

HLS GeoCONOPS Online

- Available now from GeoPlatform~!
- Provides entire content of the HLS GeoCONOPS
- Users can Search document content and data listing
- Data catalog is searchable by PPD-8 or ESF missions
- Cross platform mobile views will be available after formal designation of URLs

Summary

- GeoCONOPS compliments/supports a larger set of national initiatives and policies to help align key geospatial resources and capabilities

- GeoCONOPS provides States/locals a key resource for understanding the larger geospatial community supporting Homeland Security (who, what, and when)
  - Build better understanding between operators, technicians, and consumers
  - Promote the tradecraft and Advance the technology and innovation

- GeoCONOPS serves as a strategic resource for planning and a tactical resource for finding available data, tools, and best practices

Thank You!

General Comments/Feedback: gmo@hq.dhs.gov

GMO Contacts:

David Alexander, Director
David.Alexander1@dhs.gov

Mike Donnelly, Geospatial Data Architect
Michael.Donnelly@hq.dhs.gov

Michael Edwards, COP PM
Michael.edwards@hq.dhs.gov

David Lilley, Geospatial Portfolio Manager
David.lilley@hq.dhs.gov

Lewis Summers, GII PM
Lewis.Summers@hq.dhs.gov

Mike Bergman, PNT Specialist
michael.bergman@hg.dhs.gov

Key Resources:

Web Links:

Geospatial Information Infrastructure	https://gii.dhs.gov (requires an HSIN user account)
GeoCONOPS Online (Beta)	https://www.geoplatform.gov/geoconops-home
GeoCONOPS Print Downloads	https://www.geoplatform.gov/sites/default/files/geoconops/GeoCONOPS_v5.pdf
Geospatial Standard Operating Guides	http://www.napsgfoundation.org/blog/napsg-blog/148-napsg-standard-operating-guidance-documents
Capabilities & Readiness Assessment Tool	http://carat.napsgfoundation.org/
Homeland Infrastructure Level Data Work Group:	www.hifldwg.org
Geospatial Resources Community	https://hsin.dhs.gov/fed/gis

Training Links:

GeoCONOPS Overview:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-60
GeoCONOPS In-Depth:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-61
GeoCONOPS In-Use:	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-62
Geospatial Information Infrastructure (GII):	https://training.fema.gov/EMIWeb/IS/courseOverview.aspx?code=IS-63

GeoCONOPS Training Modules

- Training is Presented in Three Modules:
  - **Executive Overview** – *For Decision Makers and Executives*
  - **GeoCONOPS in Depth** – *Importance to Federal Doctrine and the National Preparedness Lifecycle*
  - **GeoCONOPS in Use** – For *Emergency Managers, Incident Commanders and Geospatial Practitioners*
- Courses are Available on FLETC and FEMA EMI

Homeland Security

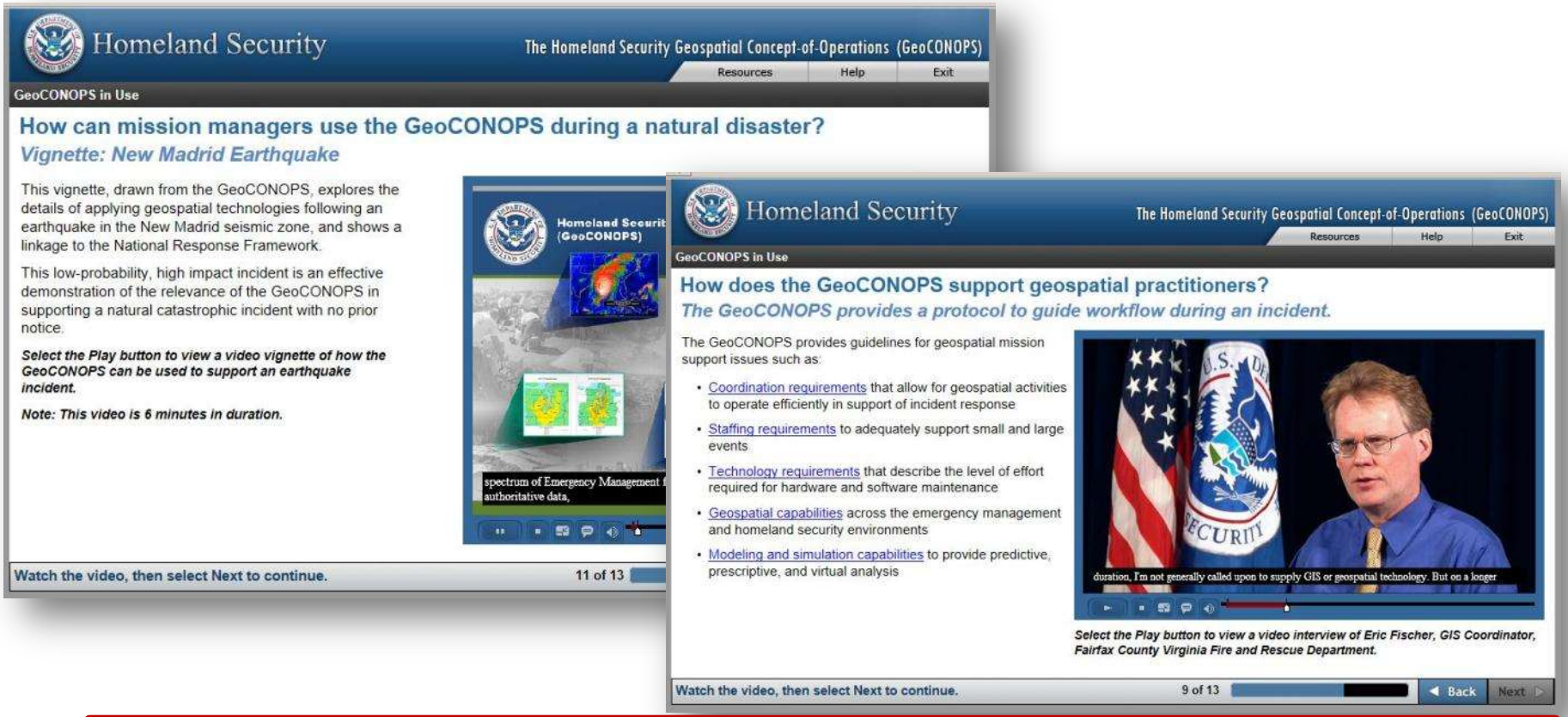
Designed to Provide an Executive or Decision Maker with an Overview of the Content and Value of the GeoCONOPS to the Emergency Management Community

Homeland Security

An In-Depth Look at the ***Key Values*** of the GeoCONOPS and Its Contribution to the Preparedness Life Cycle and to Federal Doctrine:

Points of Collaboration-Authoritative Data-Best Practices – Technical Capabilities

An In-Depth Look at the ***Key Values*** of the GeoCONOPS for Emergency Managers, Incident Commanders and Geospatial Practitioners – Presented Using the New Madrid Earthquake Scenario That is Part of the GeoCONOPS:



Points of Collaboration-Authoritative Data-Best Practices – Technical Capabilities