Trusted Data for Disaster Lifecycle Applications [1]

  Submitted by kmoe on Thu, 2015-11-05 16:31   Wednesday, January 6, 2016 - 16:00 to 17:30
Event: Winter Meeting 2016 [2]
Session Type: Breakout [3]
Room Location: Madison A [4]
Expertise Level: Beginner [5]
Collaboration Area: Preservation and Stewardship [6]
Products and Services [7]

Abstract/Agenda:
The Disaster Lifecycle Cluster coordinates efforts among data providers, managers and developers of disaster management systems and tools, and end-user communities within ESIP. In 2015, we developed an ESIP testbed for a collaborative Common Operating Picture in support of disaster management, called GeoCollaborate. The cluster is addressing relevant geospatial datasets and testing data sharing mechanisms with selected disaster management communities to identify traits of trusted data and generate best practices.

This session will include demonstrations of collaborative data developed under recent ESIP testbed activities, as well as other systems ESIP members are developing to apply geospatial and remote sensing data products to disasters management. The session will also explore criteria for identifying and producing trusted data products.

Speakers

Anne Rosinski, California Dept. of Conservation: U. S. Dept. of Homeland Security Information Sharing Best Practices - The California Earthquake Clearinghouse Model

Robert Chen, Director, Center for International Earth Science Information Network (CIESIN): Rapid Assessment of Hazard Exposure through SEDAC Hazard Mapping Tools (demo)

Dave Jones, CEO, StormCenter Communications: GeoCollaborate Testbed Overview and 2016 Plans

Holly Schueler, StormCenter Communications: GeoCollaborate Testbed Demonstration – Accessing and Sharing Data Sets

Tom Moran, Executive Director, All Hazards Consortium: Lessons Learned During and Post-disaster to Address Issues in Restoring Power

Discussion topics

How to gather feedback from testbed constituents

Steps to establishing an ESIP Trusted Data stamp of approval

Notes:
Bob Chen (CIESIN) presenting

This presentation is a live demo and therefore does not have a lot of notes

* built disaster response app
* works in browser or on mobile devices
* Shows objects of interests
* lets you select areas are draw lines to get distances.

* Soon to be available from the itunes store

Anne Rosinski (CA USGS) presenting

* California data clearinghouse
* Aiming to improve situational awareness and decision support
* Is open to collaboration and currently has many ongoing collaborations
* Uses Xchangecore tech for transitioning between different webservices formats
* Key concept: "Common Operational Data"
* Platform agnostic: can be used on ArcGIS online, google earth, SpotOnResponse, HSIP Infrastructure Data, etc.
* This is important because "it helps California obtain Federal Disaster Declaration sooner, thus speeding up access to critical resources for response and recovery."

Tom Moran (All Hazards Consortium)

* Introduces the All Hazards Consortium, a non-profit focused on improving disaster response and recovery
* Strong background in communications, leveraged to improve public safety communications
* Emphasizing: cyber security, business continuity, and selective sharing of sensitive operational information.
* Engages with government and industry stakeholders.
* Organized through working groups.

Dave Jones (StormCenter)

This presentation is a live demo of GeoCollaborate

Session Leads:

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Accepted:
Keywords: GeoCollaborate [16]
trusted data [17]
ESIP testbed [18]

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