Disasters Cluster Mission Statement:
To facilitate connections and coordinate efforts among data providers, managers and developers of disaster response systems and tools, and end-user communities within ESIP.

Example Topics The Cluster Can Address:
• Identify disaster response full-cycle.
• Map dataset types to disaster types by leveraging existing efforts.
• Assess and prioritize use-cases and user needs.
• Assess existing capabilities and processes.
• Assess common architecture patterns to disaster response.
• Develop webinars or other outreach plans to raise awareness with end-users.

Testbed Activities
The Disaster Cluster manages the Collaborative Common Operating Picture (C-COP) testbed. The goal of which is to identify and test ESIP member data sets to be recognized as trusted data sources for agencies and organizations responding to disasters.

About The Cluster

Get Involved!
- Join our email listserv!
  Go to: http://goo.gl/E4uCdP
  Or scan this QR Code with your phone:
- Join our telecon meetings!
  Every third Tuesday at 10 AM PT
  Call in using WebEx
- Connect with the Disaster Cluster wiki!
  Go to: https://www.wiki.esipfed.org/index.php/Disasters
  Or scan this QR Code with your phone:

Cluster Contacts
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Poster by Sean Barberie, ESIP Student Fellow | srbarberie@alaska.edu

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E-DECIDER & GeoGateway

E-DECIDER (Emergency Data Enhanced Cyber-Infrastructure for Disaster Evaluation and Response) is a decision support system producing remote sensing and geophysical modeling products that are relevant to the emergency preparedness and response communities and serves as a gateway to enable the delivery of actionable information to these communities.

GeoGateway is shown in the above figure. It is a search and analysis gateway for data products aimed at scientific discover, field use, and disaster response. The data sets prioritized by GeoGateway are the NASA UAVSAR data and GPS data that integrate with fault data, seismicity, and models.

GeoCollaborate™ introduces revolutionary new concepts for collaboration that include the human parameter, to make big data and mapping platforms more relevant and useful during decision making across both mobile and traditional computing platforms. GeoCollaborate™ empowers multiple users, in multiple locations, using a variety of digital display devices to share, manipulate, and interact with one another and the same sets of data simultaneously.

Example Case:
Using GeoCollaborate to Support Disaster Response During the Baltimore Trail Derailment

Source: Huffington Post

Test Drive GeoCollaborate Here:
www.GeoCollaborate.com

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