Update on the National Earth Observing (NEO) Strategy Disaster Societal Benefit Area (SBA)

David Helms
Disaster SBA
Disaster SBA
Workshops Completed
April 23-25, 2012

Workshops:
**DE1:** Disasters - Earthquakes, volcanoes, and landslides (solid Earth disasters)
**DE2:** Disasters - Water Dispersion (dispersion of oil and chemicals upon navigable water and search and rescue operations)
**DW2:** Disasters - Air Dispersion (dispersion of chemical, radiological, biological, smoke, volcanic ash, and dust)
**DW3:** Disasters - Coastal Inundation (river in-flow, ocean surge, storm track/intensity, near-shore waves, tides, and geo-spacial layers)

Workshops received Subject Matter Expert (SME) input from the following agencies: DoC/NOAA (NESDIS, NOS and NWS), DOI/USGS, DHS/USCG, DOE, DoD/DTRA, EPA, NASA, NRC, NSF, USDA/USFS, DOI/BOEM (ASA Sciences)
Disaster SBA
Workshops to be Completed
NLT May 23, 2012

Workshops:
DW1: Disasters - Weather (Hurricanes, Severe Thunderstorms, Winter Storms)
DE3: Disasters - Geo-spatial (underpinning layers supporting disasters including hydro-graphic and topographic data)
DE4: Disasters - Wildfires
DO1: Disasters - Tsunami
EOC1: Disasters - Recovery (including assessments) and Risk Mitigation

Notes:
• The level of coordination and number of workshops required to adequately characterize observing systems supporting Federal response and recovery from disasters is greater than initially anticipated required
• When completed, Disaster SBA will collect "value chain" data, e.g., impacts from observations on services, from ~100 SMEs.

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Summary

• Most Key Subject Matter Experts (SME) identified for remaining Workshops
• Largest issue is coordinating schedules to conduct workshop
• EOC Response and Recovery Workshop needs SMEs for Incident Commanders from EPA and USCG, and risk mitigation SMEs from FEMA National Hurricane Program/FIRM