Subcommittee on Disaster Reduction (SDR) Meeting

May 3, 2012

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

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Disaster SBA

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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)

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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

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