

[Near Real Time Data for the Disasters Response User Community](#) [1]

Submitted by kmoe on Mon, 2016-10-31 16:04 Wednesday, January 11, 2017 - 14:00

Event: [Winter Meeting 2017](#) [2]

Session Type: [Breakout](#) [3]

Room Location: [Salon E](#) [4]

Expertise Level: [Beginner](#) [5]

Collaboration Area: [Decisions](#) [6]

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Abstract/Agenda:

Following the NASA workshop on low-latency data products held in Sep 2016 at NASA Langley, more detailed information is needed to understand the timeline driving the decision makers in response to a disaster. The question is 'what data is needed when and for whom' so that data providers can be better prepared to supply the data products in a timely fashion. This session is planned to address decision-making data needs throughout a sample disaster event, such as Hurricane Matthew. The goal is to determine a timeline of data needs aligned with decisions that must be made from the earliest awareness of a disaster for incident planning and management, emergency and resource management, through to relief and recovery management. Such a timeline will help data providers design methods to assure that routine data and data products are readily discoverable and useable by identified users at specified times. Additionally, specific data must be requested (e.g., from other agencies) or tasked (e.g., from available satellites) such that they are available when needed, for example the media needs information at specific times for updates to inform the public. These non-routine products need to be collected and processed at key times by data providers and potentially some end users. National, regional and local organizations are expected to have their own timelines based on the communities and information needs they serve.

Agenda Topics:

David Green/NASA is invited to discuss the key results of the NASA near RT workshop, and to provide more insight into how the ESIP Disasters Cluster might help identify the requested timelines.

Maggi Glasscoe/JPL will present an overview of the master timeline developed for the Cascades Rising exercise held earlier this year.

Tom Moran/All Hazards Consortium (AHC) joins us again to discuss how the Fleet Response Working Group, and their Sensitive Information Sharing Environment, SISE, is used to respond to power outages during disasters.

Dave Jones/StormCenter will share insights the role of the Geo-Collaborate testbed during Hurricane Matthew and then lead a discussion on the issues that we might address to better meet the data needs of disaster management teams.

Session Leads:

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