

Technology and Innovation for Disaster Preparedness, Response, and Recovery

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Subcommittee on Disaster Reduction Sept. 2014 meeting



July 29 Demo Day

- 20+ talks including FEMA, DHS S&T, HHS, DOE, NGA, USGS, EPA, USAID, NSC, OSTP, Google, Microsoft, Airbnb, NPR, Twilio
- 30+ commitments from public and private sector
- Tech showcase featuring free/open source solutions
- 6 workshops on Open Data, Predictive Analytics, Social Media, Sharing Economy Platforms, Standards, User-Centered Design





A screenshot of the official website for the Office of Science and Technology Policy (OSTP) at the White House. The header includes the White House logo and navigation links for 'BLOG', 'PHOTOS & VIDEO', 'BRIEFING ROOM', and 'ISSUES'. The main content area features the OSTP logo and the text 'Office of Science and Technology Policy'. Below this, there are links for 'About OSTP', 'Pressroom', 'OSTP Blog', 'Divisions', 'Initiatives', 'R&D Budgets', and 'Resource L'. A prominent headline reads: 'More than 1,500 people participate in the White House Innovation for Disaster Response and Recovery Demo Day'. A 'Subscribe' button is also visible.

Resources:
Video,
Fact Sheet,
Blogposts





10:30-11:00 BRAZILIAN
-10:50 SEPS OF CHALLENGES
11:00-11:50 FORMULATE CHALLENGE STATEMENT
11:50-12:05 CHALLENGE STATEMENT
12:05-12:30 WORKSHOP SHOW & TELL

Participant 1: A middle-aged man with glasses, wearing a white button-down shirt with a logo and a green lanyard with an 'A' badge. He is looking towards the center of the table.

Participant 2: A woman with shoulder-length brown hair, wearing a dark blazer over a white top and a green lanyard with an 'A' badge. She is looking towards the center of the table.

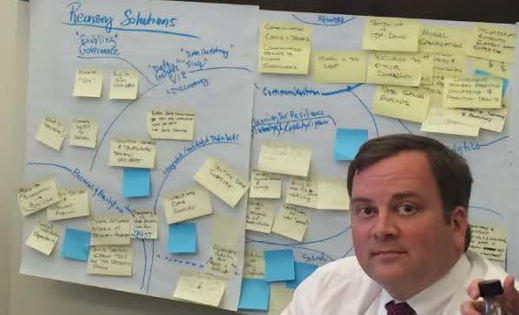
Participant 3: A man with short dark hair and glasses, wearing a dark suit, white shirt, and dark tie. He is looking towards the center of the table.

Participant 4: A man with glasses, seen from the side, wearing a dark suit. He is looking towards the center of the table.

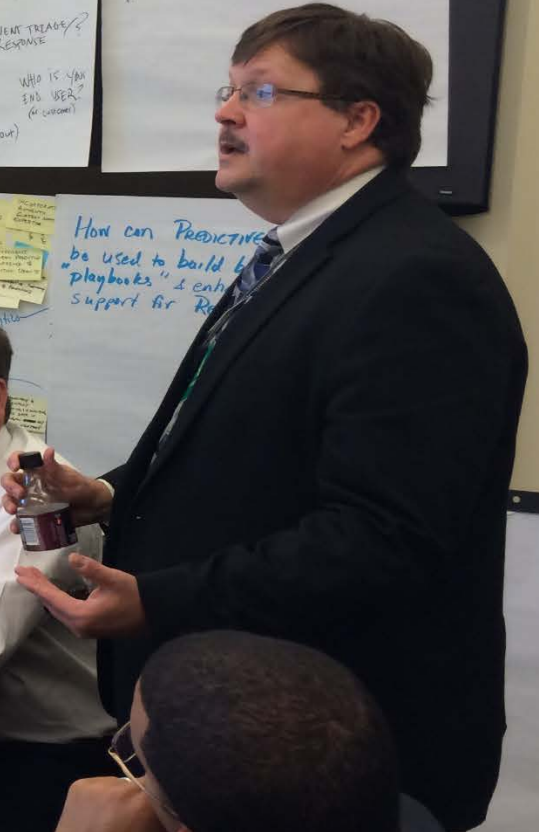
Participant 5: A man with glasses, seen from the side, wearing a grey suit. He is looking towards the center of the table.

Meeting materials on the table include: several tablets with documents, a smartphone, a water bottle, a notebook, a pen, and various printed documents and photos.





How can Predictive be used to build "playbooks" & enhance support for R...



Ongoing efforts + ways to get involved

- National Preparedness Month and PrepareAthon!: share tech/innovation activities we could feature
- Save the date + provide input/feedback: Civic Hardware Hackathon on disaster preparedness projects, Oct. 10-11, Red Hook, Brooklyn, co-hosted by The Feast, Intel, DHS S&T (see flyer for details)
- Preparing for launch of disasters.data.gov: open data, apps/tools, and Challenge Statements identifying gaps where free tools/platforms could improve outcomes
 - Share new datasets, free apps/tools that could be featured
 - Help develop Challenge Statements



Challenge Statement Example:

The Homeland Security Enterprise of over 3.5 million first responders and emergency managers must make difficult decisions in the field to safeguard our Nation, often triaging multiple streams of information.

*How might we provide ‘Social Media, Unplugged’— **a means for response organizations to easily and securely extract emerging insights** to better inform and coordinate disaster response?*

(1) Challenge details: How is this done today? What are the limitations?

(2) Example ‘wish list’ capabilities: frame without dictating specific tech details

(3) Impact: What does success look like?

(4) Info for planning team: what opportunities are available? (pilot testing, collaborations...)



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