

Recovery from Dynamic Events: Geospatial Data and Tools for Disasters and Conflicts

October 22, 2024

Keck Center, 500 5th St NW, Washington DC

Keck 201



TUESDAY, OCTOBER 22, 2024

Using geospatial applications, data, and lessons learned from disaster recovery, such as hurricanes, wildfires, and earthquakes, we can develop new methods for recovery from other dynamic events, such as conflict and refugee zones. This involves leveraging tools such as advanced Geographic Information Systems (GIS), remote sensing technologies, and advanced data analytics to enhance conflict resolution and management strategies. This meeting of the Geographical and Geospatial Sciences Committee will explore how geospatial data and tools for disasters may be used to improve recovery from other dynamic events.

EASTERN TIME

1:00–1:10pm **Welcome**

Pat McDowell and **Kristen Kurland**, Co-Chairs, Geographical and Geospatial Sciences Committee

1:10–2:45pm **Keynote Session – The Challenges of Dynamic Events**

Speaker: **Carter Christopher**, Oak Ridge National Laboratory

Discussants:

- **Shanna McClain**, NASA Earth Sciences Division
- **Jamon Van Den Hoek**, Oregon State University

Moderator: **Hendrik Hamann**, Member, Geographical and Geospatial Sciences Committee

2:45–3:00pm **Break**

3:00–4:30pm **Data and Technology Opportunities and Solutions**

Panelists:

- **Nama Bhudathoki**, Humanitarian OpenStreetMap Team (HOT)
- **Rhiannan Price**, NASA Lifelines
- **Bandana Kar**, National Renewable Energy Laboratory

Moderator: **Marguerite Madden**, Member, Geographical and Geospatial Sciences Committee

4:30–5:10pm **Closing Presentation and Synthesis**

Jamon Van Den Hoek, Oregon State University