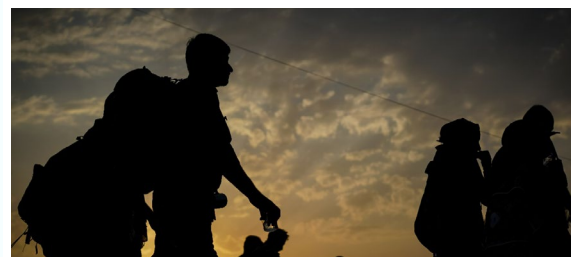


Humanitarian responses to forced migration and displacement: New insights from quantitative and qualitative geographic data

Joint Spring Meeting of GSC & MSC



Meeting Objective

Our ability to describe and project human movement and activity past, present, and future is improving as new quantitative data and tools emerge to understand population dynamics. However, in times of crises or other disturbances, the readiness of quantitative data often lags and can be too slow to define real-time dynamics. The integration of qualitative or thick data with quantitative may offer approaches to construct a real-time understanding of forced migration. This webinar will explore these questions: What are the data (qualitative and quantitative) and tools needed to better track human movement and displacement as close to real-time as possible? What are the limits, opportunities, and errors associated with those data? What qualitative data is accessible, and what are the ethics of using it? How do we visualize and communicate these integrated datasets?

WEDNESDAY, JUNE 15, 2022

OPEN SESSION

12:00 PM ET

Welcome to the Session

- Pat McDowell, GSC Chair
- Harvey Miller, MSC Chair

12:05 PM ET

Keynote: *Climate migration, displacement, and relocation: Stories, concepts, and measures*

- Elizabeth Fussell, Brown University

12:45 PM ET

Panel 1: Human-centric data for migration and displacement crises

Moderated by Kristen Kurland, Mapping Science Committee

- *Between the No Harm Principle and real-time tracking: Researching 'people on the move'*
Anna Triandafyllidou, Toronto Metropolitan University
- *Co-designing alternative humanitarian futures*
Ledia Andrawes, Sonder Collective
- *Indigenous mapping for migration*
Steve DeRoy, Indigenous Mapping Collective

2:00 PM ET

Break

2:15 PM ET

Panel 2: New technologies for tracking human movement and the ethics of using them

Moderated by Budhendra Bhaduri, Geographical Sciences Committee

- ***A human ecosystem and satellite-based perspective on migration and displacement***
Miguel Román, Leidos
- ***Understanding gridded population datasets to measure demographic processes and hazard exposure worldwide***
Cascade Tuholske, Columbia University
- **Kalev Leetaru**, GDELT Project

3:30 PM ET

Break

3:45 PM ET

Panel 3: Mixed methods analysis of migration, displacement, and human dynamics

Moderated by Elisabeth Root, Geographical Sciences Committee

- ***Using movement as a marker to study behavior responses to environmental disruptions***
Somayeh Dodge, University of California, Santa Barbara
- **Matt Woodlief** and **Kate Hess**, ESRI
- ***LandScan: Capturing dynamic populations***
Marie Urban, Oak Ridge National Laboratory

4:55 PM ET

Closing

- **Pat McDowell**, GSC Chair
- **Harvey Miller**, MSC Chair

5:00 PM ET

Adjourn