

# Mini-Conference Agenda

## Climate Change, Human Migration and Health: Integrating social and environmental data to accelerate innovative science

University of Colorado Boulder, May 20-21, 2019  
Institute of Behavioral Science Building  
1440 15<sup>th</sup> Street



### Monday, May 20

- 8:30-9:00 Light Breakfast
- 9:00-9:15 Welcome and goals: Lori Hunter (CU Boulder, CUPC)
- 9:15-10:15 Data Integration from Population Perspective: Deborah Balk (City University of New York)
- 10:15-10:30 Coffee break
- opportunity to become familiar with posters on research resource and ideas in hallway
- 10:30-11:45 Flash session 1: *Starting from the social, integration opportunities and challenges*  
*\*\* Flash sessions = 5 minute presentations followed by discussion around posters*
- Colleen Reid (CU Boulder, Geography/Earth Lab/CUPC): Challenges in Estimating Wildfire Smoke Exposures and Associated Public Health Impacts
  - Papiya Mazumdar (University of York): Investigating Climate-Migration-Health Nexus (ClimHeX) in India: Recognizing Research and Data Needs at Subnational Level
  - Kelsea Best (Vanderbilt University): Machine Learning in Social Datasets
  - Anne Starling (Colorado School of Public Health): Prenatal Traffic-Related Air Pollution and Infant Weight and Adiposity in the Healthy Start Study
  - Lori Hunter and Catherine Talbot (CU Boulder, CUPC/Sociology): Anonymizing Demographic Data: Innovations at the Agincourt Health and Demographic Surveillance Site
- 11:45-12:45 Keynote, data integration from an Earth observation perspective: Jennifer Balch (CU Boulder)
- 12:45-1:45 Lunch
- 1:45-3:00 Flash session 2: *Starting from the environmental, integration opportunities and challenges*  
*\*\* Flash sessions = 5 minute presentations followed by discussion around project posters*
- Joe McGlinchy (CU Boulder, Earth Lab): Accessing the Landsat archive of Satellite Imagery for Socio-ecological Analysis
  - Imtiaz Rangwala (CU Boulder, North Central Climate Adaptation Science Center): Synthesizing Data in Service of Policy
  - Isaac Kamber (University of Chicago): Open Spatial Air Quality Data Infrastructure
  - Stefan Leyk and Anna Braswell (CU Boulder, GEOG/Earth Lab/CUPC): Population and Sea Level Rise
- 3:00-4:30 Thematic working groups
- 4:30-5:00 Wrap-up, plan for tomorrow
- 6:15-7:15 Optional Boulder Walking Tour (RSVP by 5/17)

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**Day 2:**

- 9:00-9:15 Light breakfast
- 9:15-9:30 Overview, objectives
- 9:30-10:30 Keynote, Data Integration from Climate Perspective: Kris Karnauskus (CU Boulder)
- 10:30-11:30 Flash session 3: *Integration Opportunities, Challenges*
- Marion Borderon (University of Vienna): Researching the Environment-Migration Nexus of a Rural Deprived Area (HDSS Kersa, Ethiopia)
  - Olga Wilhemi (NCAR): Extreme Heat and Ozone: Assessing Indoor and Outdoor Risks
  - MacKenzie Dove and Caspar Amman (NCAR): Defining Heat Risk Thresholds
  - Douglas Hopping (UNC Chapel Hill): Conceptualizing Climate in South Asia
- 11:30-12:30 Lunch (and group photo)
- 12:30-1:30 Posters on Research Resources and Ideas
- Susana Adamo (Columbia University): An Open Community Platform for Environment and Security Research and Development
  - Chelsea Cervantes de Blois (University of Minnesota): Mapping Azerbaijan's Regional Vulnerability: Analysis of pollutant and demographic data
  - Akudo Ejelonu (University of Pennsylvania): Disaster-Driven Migration, Health, and Context of Reception
  - Roman Hoffmann (Vienna Institute of Demography): Quantifying the Evidence on Environmental Migration: A Meta-Analysis on Country Level Studies
  - Kathryn McConnell (Yale University): Wildfires, Housing Access, and Human Mobility
  - Samuel Mwengi (Tübingen University): Linking Geospatial Data with Demographic Health Surveys in Tracing Climate Change-Induced Migration
  - Brittany Shield (Utah State University): Public Perceptions of the Relationship between Climate Change and Migration
  - Sara Aparecida de Paula and Leonardo Freire de Mello (Federal University of ABC, Brazil): Population Displacement under the Perspective of Environmental Demography in the Anthropocene.
- 1:30-1:45 Introduction to working groups – pre-identified themes
- 1:45-3:00 Thematic working groups
- 3:00-3:15 Working groups report
- 3:15-4:15 Thematic working groups
- 4:15-5:00 Summaries, next steps, closing