Climate Change, Human Migration and Health:

Integrating social and environmental data to accelerate innovative science

University of Colorado Boulder
May 20-21, 2019
Organized by CU Population Center, Earth Lab, IUSSP Panel on Migration-Climate-Health

Climate change is influencing human migration patterns, while also impacting human health. **Innovations in the integration of social and ecological data are essential to move forward these critical research frontiers, as well as to investigate other human dimensions of global environmental change.** This conference will move forward understanding of successes, challenges and the potential of social and ecological data integration. Participation by both social and natural scientists is essential in this endeavor.

Since 2008, an average of 26.4 million people per year have been displaced from their homes by natural disasters -- an estimated one person every second.[1] Recent IPCC reports suggest some extreme events will become more intense as global temperatures warm.[2] Human movement in response to climate extremes have critically important implications for human health in both sending and receiving regions as new health challenges emerge and health systems are increasingly taxed. Climate change also has documented impacts, itself, on human health such as increased heat-related deaths.

During this 2-day conference, Day 1 will open with inspirational speakers reviewing innovations, challenges and needs in socio-ecological data integration with a focus on climate change as related to migration and human health. Afternoon research panels and a poster reception will provide important empirical examples. Day 2 will build on this foundational knowledge in topically-focused working groups aimed to set research agendas, build collaborations, and/or work toward high-impact scientific publications.

Applications are required to ensure adequate space and to identify key thematic areas for working groups. Limited funds are available to support travel expenses. In your submission, please include your CV and describe your interest in the conference including its relation to your research agenda or interests. If interested in presenting your research, please also include an extended abstract. Also please note if funding is required. Participants and presenters will be selected based on research alignment with conference objectives, quality of abstract. Attention will also be paid to maintaining a diversity of representation by discipline, geography, career stage and socio-demographics.

Submit materials by March 18th, decisions will be made by March 22nd.

Questions? CUPC Director: Lori.Hunter@colorado.edu

Application to CUPC Program Manager: Marisa.Seitz@colorado.edu

[1] Internal Displacement Monitoring Centre. http://www.internal-displacement.org/publications/global-estimates-2015-people-displaced-by-disasters
[2] Global Warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty. https://www.ipcc.ch/site/assets/uploads/sites/2/2019/02/SR15_Chapter3_Low_Res.pdf