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**The Intersection of Climate Change & Migration @Berkeley**

**July 2023**

Version 1.5 — Send edits/adds to [bruceriordan@berkeley.edu](mailto:bruceriordan@berkeley.edu)

UC Berkeley has a number of researchers working on climate and likewise many working on migration issues. This list is an attempt to identify those at Berkeley working at or near the intersection of these two massive and critical issues. How is climate inducing migration and displacement globally, between countries and here in California?

**Institutes/Centers/Lab**

1. [Othering and Belonging Institute](https://belonging.berkeley.edu/)
   1. [Hossein Ayazi](https://belonging.berkeley.edu/hossein-ayazi), Policy Analyst
   2. [Elsadig Elsheikh](https://belonging.berkeley.edu/elsadig-elsheikh), Director, Global Justice Program
   3. [Climate Refugees: Climate Crisis and Rights Denied](https://belonging.berkeley.edu/sites/default/files/climate_refugees.pdf) — 88-page report
   4. [Moving Targets: An Analysis of Global Forced Migration](https://belonging.berkeley.edu/sites/default/files/haasinstitute_moving_targets_globalmigrationreport_publish_web.pdf?file=1&force=1)
2. [Global Policy Lab](http://www.globalpolicy.science/)
   1. [Josh Blumenstock](http://www.globalpolicy.science/team), Principal Investigator
   2. [Sol Hsiang](http://www.globalpolicy.science/team), Principal Investigator
   3. Migration key research topic
   4. [3 research papers](http://www.globalpolicy.science/migration)
      1. [Social and Economic Impacts of Climate](https://www.science.org/doi/10.1126/science.aad9837)
      2. [Potential Extreme Population Displacement in the Tropics Under Non-Extreme Warming](https://www.nature.com/articles/srep25697)
      3. [Non Linear Permanent Migration Response to Climatic Variations But Minimal Response to Disasters](https://www.pnas.org/doi/pdf/10.1073/pnas.1317166111)
   5. Meta/Facebook data and climate-migration project
   6. [On the efficacy of the "sniff test" for understanding climate impacts](http://www.g-feed.com/2019/08/on-efficacy-of-sniff-test-for.html)
   7. Team of post-docs/fellows includes [Emily Goldman](http://www.globalpolicy.science/emily-goldman), [Suraj Nair](https://surajrn.github.io/), [Guanghua Chi](https://www.olab.berkeley.edu/graduate-students-1/guanghua-chi), [Nick Depsky](https://erg.berkeley.edu/people/depsky-nicholas/)
3. [Center for Effective Global Action](https://cega.berkeley.edu/)
   1. [Josh Blumenstock, Faculty Co-Director](https://www.jblumenstock.com/)
   2. [Carson Christiano, Executive Director](https://cega.berkeley.edu/user-type/staff/#carson-christiano)
   3. [Measuring Development 2023: Mitigating the Risks and Impacts of Climate Change](https://cega.berkeley.edu/event/measuredev2023-climate/) (9th annual conference with World Bank, Univ. of Chicago and others)
   4. [How does Measurement Contribute to a Habitable Planet for All?](https://medium.com/center-for-effective-global-action/how-does-measurement-contribute-to-a-habitable-planet-for-all-27e441642ebb)
   5. Ted Miguel - [Kenya Analytical Program on Forced Displacement](https://cega.berkeley.edu/research/kenya-analytical-program-on-forced-displacement-kap-fd/)
   6. [Syrian Refugee Life Study](https://cega.berkeley.edu/research/the-syrian-refugee-life-study/)
   7. [Mansi Kalra](https://cega.berkeley.edu/user-type/staff/#mansi-kalra), Forced Displacement Research Associate
4. [Berkeley Inter-Disciplinary Migration Initiative](https://bimi.berkeley.edu/) (BIMI)
   1. [Founding Director, Irene Bloemraad](https://vcresearch.berkeley.edu/faculty/irene-bloemraad) (Sociology)
   2. [Harpreet Mangat, Executive Director](https://bimi.berkeley.edu/harpreet-mangat)
   3. Global, California and Bay Area study of migration
   4. [Mapping Spatial Inequality: The New Geography of Poverty and Immigration](https://test-bimi.pantheon.berkeley.edu/sites/default/files/shared/docs/BIMI%20Policy%20Brief%20Bloemraad%20-%20Mappin%20Spatial%20Inequality.pdf)
   5. [Disaster and Migration: Inequalities in Climate Migration](https://live-ssmatrix.pantheon.berkeley.edu/research-article/video-disaster-and-displacement-inequalities-climate-migration/) (Bloemraad, Panel Moderator)
5. [Center for Security Policy (Goldman)](https://csp.berkeley.edu/)
   1. Janet Napolitano, Faculty Director
   2. [Adrienne Fulk, Executive Director](http://adrienne_fulk@berkeley.edu)
   3. Climate induced migration a key topic
   4. Napolitano is a member of the [Climate Migration Council](https://www.climatemigrationcouncil.org/)
6. [Health Initiative of the Americas (Public Health)](https://hia.berkeley.edu/)
   1. [Xochitl Castaneda](https://publichealth.berkeley.edu/people/xochitl-castaneda/), Director
   2. Migration and Global Health
   3. Working with Latin American and U.S. governments and non-profits
   4. [HIA Directory of Berkeley Researchers for Migration and Health](https://hiaucb.files.wordpress.com/2021/03/uc-binational-reseachres-directory.pdf)
7. Institute for South Asia Studies
   1. [Sugata Ray](http://www.sugataray.com/), Faculty Director
   2. [Sanchita Saxena](http://www.sugataray.com/), Executive Director
   3. Multi-themed 4-year climate change program with the [South Asia Centre for Labour Mobility and Migrants (SALAM)](https://www.salamasia.org/about), Bangladesh’s Refugee and Migratory Movements Research Unit, Nepal’s Centre for the Study of Labour and Mobility, and others

**Individual Researchers**

1. [Daniel Aldana Cohen](https://sociology.berkeley.edu/faculty/daniel-aldana-cohen) (Sociology)
   1. [Should We Start Preparing for the Evacuation of Miami?](https://sociology.berkeley.edu/professor-daniel-cohen-writes-about-climate-migrants-nation)
2. [Federico Castillo (ESPM)](https://ourenvironment.berkeley.edu/people/federico-castillo)
   1. Socio-economic impacts of weather extremes in California agriculture. Climate change impacts on migration both within the US and from Mexico to the US.
   2. [Extreme Heat and COVID-19: A Dual Burden for Farmworkers](https://www.frontiersin.org/articles/10.3389/fpubh.2022.884152/full) (2022)
   3. Co-Leader, [Latinxs and the Environment](https://nature.berkeley.edu/latinxenvironment/)
3. [Nick Depsky](https://erg.berkeley.edu/people/depsky-nicholas/) (Energy Resources Group, Climate Impact Lab)
   1. Modeling the coastal impacts of climate change to inform federal social cost of carbon estimates and assess potential future migration flows from coastal communities
   2. [Evaluating Climate Impacts and Inequities in Regions Prone to Human Displacement and Out-Migration](https://docs.google.com/document/d/1jfGb1wKQBVUogyqcevwJTpbDXkVHzxV8JpVzGs5N10Y/edit)
4. [Jeremy Magruder](https://are.berkeley.edu/~jmagruder/) (Agriculture and Resource Economics)
   1. [Labour Market Responses To Immigration: Evidence From Internal Migration Driven By Weather Shocks](https://are.berkeley.edu/~jmagruder/kleemans_and_magruder.pdf)
5. [Ayesha Mahmud](https://vcresearch.berkeley.edu/faculty/ayesha-s-mahmud) (Demography)
   1. How will global environmental and demographic changes alter the landscape of infectious disease burden in the future?
6. [Rachel Morello-Frosch](https://publichealth.berkeley.edu/people/rachel-morello-frosch/) (RCNR, SPH, Climate Equity & Environmental Justice Roundtable)
   1. [Toxic Tides](https://pubs.acs.org/doi/pdf/10.1021/acs.est.2c07481) – Displacement of low-income and socially marginalized communities from sea level rise flooding of toxic materials and facilities.
7. [Meg Mills-Novoa](https://ourenvironment.berkeley.edu/users/1773266) (ESPM, Climate Futures Lab)
   1. Hydropower and climate change project that includes a focus on displacement and resettlement (to be submitted in October for publication).
8. [Debarati Sanyal](https://french.berkeley.edu/people/faculty/debarati-sanyal) (French Dept., Center for Interdisciplinary Critical Inquiry)
   1. New book coming out “migrant resistance, biopolitics and aesthetics in the European refugee “crisis.”

**Events/Other**

1. [Criminalization of Climate Migrants](https://www.law.berkeley.edu/research/berkeley-center-on-comparative-equality-anti-discrimination-law/our-working-groups/immigrant-justice-and-climate-refugees/inaugural-event-criminalization-of-climate-migrants/)
   1. 2020 Event by Berkeley Law’s Center on Comparative Equality and Anti-Discrimination Law
   2. [Carrie Rosenbaum](https://berkeley.academia.edu/CarrieRosenbaum), Moderator (Berkeley Law)
2. ["Moving Out of Harm’s Way: Contemporary and Historical Perspectives on Climate-related Mobilities."](https://ourenvironment.berkeley.edu/events/2023/02/putting-contemporary-climate-migration-context-what-do-we-know-two-decades-research)
   1. ESPM Spring 2023 Lecture Series
   2. Organized by Patricia C. Sutcliffe and Nino Vallen ([German Historical Institute’s Pacific Office](https://www.ghi-dc.org/pacific-office))
3. [Disaster and Migration: Inequalities in Climate Migration](https://live-ssmatrix.pantheon.berkeley.edu/research-article/video-disaster-and-displacement-inequalities-climate-migration/) 
   1. 2020 Social Science Matrix/CEGA/BIMI/Human Rights Center Panel (video)
   2. Panelists include Irene Bloemraad (BIMI) Dan Kammen (ERG)
4. [Amplifying Sanctuary Voices: Climate Migration and Environmental Justice](https://tgif.berkeley.edu/overview/grant-cycles/2021-grant-awards/amplifying-sanctuary-voices-climate-migration-and-environmental-justice/)
   1. Spring 2021 $30K grant from The Green Initiative Fund
   2. Multimedia productions for college and K-12 settings
   3. Augustina Ullman, Project Lead (B.A. Urban Studies ’21)
5. [“Just Move: Climate Change, Migration and the Refugee Crisis”](https://mdp.berkeley.edu/just-move-climate-change-migration-and-the-refugee-crisis/)
   1. Blog post - Nikita Daryanani, Master of Development Practice program.