



Climate and Environmental Justice Graduate Research Assistant

Summer 2022

Environmental Markets Lab (emLab)

The Environmental Markets Lab (emLab) is seeking to hire a paid full- or part-time Climate and Environmental Justice Graduate Research Assistant. There will be two main components to this position:

- Climate adaptation research This research assistant will work with UCSB faculty members Tamma Carleton and Kyle Meng on two research projects related to climate adaptation. One project leverages new high-resolution global projections of the energy consumption implications of climate change to assess the effects of adaptation on warming and on countries' ability to meet decarbonization targets. A second investigates theoretically and empirically the effects of adaptation on the distributional consequences of climate change.
- Environmental justice and interventions workshop assistance This research assistant will help to plan and put on an environmental justice academic workshop. This person will have the opportunity to assist in preparing for and executing a collaborative environmental justice and interventions workshop on August 26 - 27, where about 20 interdisciplinary scholars will expand their perspectives, cultivate cross-pollination of ideas and challenge assumptions, identify shared views of future research needs in environmental justice and policy, and build the foundation for a community oriented to contribute to environmental justice interventions.

Responsibilities and Qualifications

This Graduate Research Assistant will focus on:

- Compiling and cleaning data on nationally determined contributions (NDCs) from the 2015 Paris climate agreement
- Integrating NDCs into a broader computational pipeline investigating the warming effects of adaptation
- Conducting a literature review related to the "climate justice gap," or the difference in projected climate damages between disadvantaged and non-disadvantaged groups
- Assisting in workshop preparation and organization
- Providing logistical and technical support for the environmental justice workshop, including but not limited to, taking notes during discussions and presentations

Desired Skills and Experience

- Enthusiasm for contributing to the development of climate adaptation research and/or environmental justice
- Proficiency in R, Python, and/or Stata

- Experience working collaboratively with data and code (using GitHub)
- Ability to review and synthesize academic literature
- Excellent verbal and written communication skills
- Experience working independently and executing tasks on a deadline

Requirements

- A registered UCSB graduate student in good academic standing
- Ability to work at least 20 hours/week during the summer
- Ability to attend a two-day workshop on August 26 - 27

About emLab

emLab is an interdisciplinary team of scientists based at UCSB that conducts cutting-edge, data-driven research on the power, limitations, and design of market-based approaches to tackle the world's most pressing environmental problems. In collaboration with implementing partners, we aim to better align environmental objectives and economic incentives in support of sustainable livelihoods and a resilient planet. Leveraging our diverse expertise, we generate timely insights into effective and equitable solutions for Climate & Energy, Land & Freshwater, Ocean & Fisheries, and People & Poverty.

emLab is committed to sustaining an equitable and inclusive workplace and to the goal of reflecting the rich diversity of our campus community within our staff. We encourage applications from students of all backgrounds and majors. Special consideration will be given to candidates that enhance diversity in the environmental sciences. We strive to create an adaptive, supportive environment, especially during circumstances caused by the COVID-19 pandemic. As such, this research assistant will work remotely for the beginning of this appointment, with the possibility of remote work for the duration.

How to Apply

Apply for this position by emailing Tia Kordell, Project Manager, emLab (tiakordell@ucsb.edu) with the subject line "Climate and Environmental Justice Graduate Research Assistant". In your application package, please include the following:

1. Your resume
2. A short cover letter (no longer than one page) that includes information on (a) any relevant work or volunteer experience that relates to the desired skills and experience outlined above and (b) your overall interest in environmental justice.

The position will start in June and last approximately 12 weeks. Compensation will be paid hourly and is commensurate with experience.

Application Deadline: May 15th