

The UCLA Center for Climate Science has an opening for:

POSTDOCTORAL POSITION IN FIRE WEATHER

The UCLA Center for Climate Science seeks a talented postdoctoral scholar to work with Prof. Alex Hall and his research group, contributing to research on observed and projected changes in fire weather and fire-relevant extreme climate events across the western United States. The term would initially be for two years, but is renewable for at least one additional year, contingent on funding and satisfactory progress.

The postdoc will contribute to a broad multi-PI and multi-campus collaborative effort to understand the future of wildfire in the Western U.S. and beyond. The postdoc's contribution to this effort will include (1) developing an understanding of the thermodynamic and dynamical drivers of fire weather changes, and (2) identifying and projecting extreme climate event sequences most relevant to fire risk and behavior. To enable this work, the postdoc will have unprecedented access to a high resolution multi-model ensemble of high-resolution future climate simulations covering the Western U.S., developed at UCLA. The postdoc will also interact with research partners focusing on vegetation and fire dynamics, and may also engage with external stakeholders in the wildfire space.

Applicants must have a Ph.D. in Atmospheric Sciences, Climate Science, or a related relevant field. Experience using regional or global climate models and/or with climate data analysis is preferred. Coursework or publications specific to climate research is preferred, as is land surface modeling experience. The successful applicant will demonstrate independence in research, exceptional problem-solving skills, strong verbal and/or written communication, and the ability/desire to work effectively in a team. Strong programming skills (Python preferred) with emphasis on open-source, version control best-practices, documentation, and collaborative projects, or an inclination to learn these practices, are required.

How to Apply:

Applicants should submit (1) a statement of research interests and goals, no longer than one page, (2) a complete CV, including contact information for three references, and (3) a cover letter that discusses alignment with the mission of the Center for Climate Science. Efforts and interest in action around climate change, sustainability, and diversity and inclusion in STEM are especially welcome. These materials should be addressed to Eleese Stemp at RecruitCCS@atmos.ucla.edu. Please identify the position in the subject header and mention where you saw this posting in the body of the email. Consideration of applications will begin in May 2024 and continue until the position is filled. The applicant should ideally be available to start by the fall of 2024.

Benefits of working at the Center for Climate Science at UCLA:

We are a diverse and collaborative team of scientists, dedicated and mission-driven to improve regional resilience to climate change by producing and sharing impact-relevant climate data and

analyses. Your efforts in support of this work will expedite our delivery of these important benefits for California and beyond.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy, please follow this link: <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>.

For more about Prof. Hall's research activities, visit <http://dept.atmos.ucla.edu/alexhall> and www.ioes.ucla.edu/climate