

One Postdoc and Two Faculty Positions in Climate Sciences at San Diego State University

1. The postdoc application deadline is October 15, 2014. The position begins on November 1, 2014
2. The Regional Climate Modeling Assistant Professor application deadline is October 1, 2014. The position begins in August 2015.
3. The Human-Environmental Dynamics Archaeology Assistant Professor application deadline is October 15, 2014. The position begins in August 2015.

1. Climate Modeling Postdoctoral Fellow Position: The Center for Climate and Sustainability Studies (C2S2) at San Diego State University (SDSU) seeks a Postdoctoral Fellow, to begin in the late fall of 2014, to work with a team to improve climate simulations by introducing stochastic processes and stochastic modeling. The tasks for this position include (i) to simulate high-resolution precipitation and precipitable water data using stochastic differential equation (SDE) models, (ii) introduce SDE formulation into climate models of different complexity, (iii) perform long-term climate simulations with advanced climate models and perform sensitivity analysis, and (vi) verify climate simulations with observations to study climate extremes and probabilistic distributions. Preferred candidates should have interdisciplinary knowledge of climate modeling, tropical weather simulations, high-end computing, and applied mathematics and statistics. This one-year position is renewable subject to job performance and funding availability. An applicant should email to Dennis Conte climatepostdoc.at.sandiego@gmail.com the following: (1) CV, (2) complete publication list, (3) names and contact information for at least three references, and (4) a 2-page statement of research interests and proposal. The complete applications received before October 10, 2014 will receive full consideration. The position is open until being filled. Position is subject to the University's background check policy. San Diego State University is a Title IX, equal opportunity employer and does not discriminate against individuals on the basis of race, religion, national origin, sexual orientation, gender, marital status, age, disability or veteran status.

2. Regional Climate Modeling Assistant Professor: The Department of Geography at San Diego State University invites applications for a tenure-track Assistant Professor in climate modeling. Candidates must have a PhD in Geography or a related field and demonstrated outstanding research potential in climate modeling, with interests that could include land-atmosphere interactions, dynamic and statistical downscaling, high-resolution modeling, regional drivers of climate variability and change, and/or impacts of climate change on water resources, ecosystems, hazards, human health or society. Demonstrated excellence in teaching and scholarship and commitment to funded research activity is required. The candidate will have an interest in teaching graduate and undergraduate courses in climatology, climate change, and climate modeling. The successful candidate will join and contribute to the interdisciplinary Area of Excellence: The SDSU Center for Climate and Sustainability Studies, will interact with recent hires in land surface modeling and climate mathematics, and will participate in the SDSU Master's programs and joint SDSU-UCSB PhD program in Geography. Anticipated start date for the position is Fall 2015. Applications should include i) letter of application describing research

and teaching interests, ii) curriculum vitae including publications, presentations, research summary, and past, current and pending funding, and iii) three letters of reference sent directly to the search committee email. Electronic submission of application materials and letters is encouraged and should be sent via email to climate_model_search@mail.sdsu.edu. Applications received by October 1, 2014 will receive full consideration. The position will remain open until filled.

SDSU is a large, diverse, urban university and Hispanic-Serving Institution with a commitment to diversity, equity, and inclusive excellence. Our campus community is diverse in many ways, including race, religion, color, sex, age, disability, marital status, sexual orientation, gender identity and expression, national origin, pregnancy, medical condition, and covered veteran status. We strive to build and sustain a welcoming environment for all.

SDSU is seeking applicants with demonstrated experience in and/or commitment to teaching and working effectively with individuals from diverse backgrounds and members of underrepresented groups.

3. Human-Environmental Dynamics Archaeology Assistant Professor: The Department of Anthropology at San Diego State University invites applications for a tenure-track position at the level of assistant professor in the archaeology of human-environmental dynamics beginning in Fall 2015. Candidates must have a Ph.D. in Anthropology or related field, a proven record of excellent publication, potential for securing external research funding, and expertise in environmental archaeology. Specialty interests may include GIS, paleoethnobotany, archaeometry, geoarchaeology, zooarchaeology, or other skills that complement existing departmental strengths. Regional focus is open. Excellent teaching at the graduate and undergraduate levels is necessary, including general anthropology courses as well as upper division courses in areas of expertise. Ability to teach quantitative data analysis is desirable. The successful candidate will join and contribute to the recently established interdisciplinary Area of Excellence: The SDSU Center for Climate and Sustainability Studies (C2S2).

Application review will begin on October 15, 2014 and the position will remain open until filled.

To apply, email pdf versions of a letter of application describing research agenda and teaching interests, curriculum vitae, and names and addresses of three references to Todd Braje, anthfacsearch@mail.sdsu.edu. More information on SDSU's Department of Anthropology can be found at: <http://anthropology.sdsu.edu>.

SDSU is a Title IX, equal opportunity employer and does not discriminate against individuals on the basis of race, religion, national origin, sexual orientation, gender, marital status, age, disability or veteran status. The person holding this position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.