

Position Announcement

Associate Research Scientist – Heat-Wave Specialist

Description: The International Research Institute for Climate and Society (IRI) is seeking an outstanding climate scientist to develop a research program in heat-wave early warning systems. Tasks will include climate research to analyse the synoptic conditions causing heat-waves and the predictability of heat-waves at all time-scales, as well as interaction with experts from affected sectors to develop evidence for the impacts of heat-waves, and to assist in the co-design of early warning systems. In addition to research, tasks will involve the provision of guidance and assistance in the development of early-warning systems in operational settings, and the provision of assistance in raising awareness of heat-wave issues; these tasks will involve working with National Meteorological Services and other operational climate centers, the World Meteorological Organization, and stakeholders from impacts communities.

As an Associate Research Scientist, the successful candidate will be expected to obtain funding through grants related to heat-wave dynamics and early warning systems, and in collaboration with other IRI project activities. Approximately one-half of salary must be covered by external grants in the first year.

Qualifications: Applicants must have a PhD degree in climate or a related discipline, and two years' post-PhD research experience. The successful candidate will have excellent statistical skills and a strong track-record in climate analysis, monitoring or prediction. Some experience with research and operations in climate prediction at timescales from sub-seasonal to decadal and beyond is essential, as are skills in climate modeling and multivariate statistical methods. Familiarity with Matlab, R, or another scientific programming language is required. A demonstrated ability to work in a multi-disciplinary environment is essential. Outstanding written and verbal communication skills in English, including peer-reviewed scientific publications are essential, and fluency in French or Spanish is desired. Experience in working in South Asia, the Caribbean, and/or East Africa is desirable. The candidate will be expected to travel to areas in which projects are implemented.

Appointment: The successful candidate will form part of IRI's multidisciplinary team of scientists engaged in its mission to enhance society's capability to understand, anticipate and manage the impacts of climate in order to improve human welfare and the environment, especially in developing countries. The IRI is a catalyst for the research, creation and provision of science-based outcomes that address climate risk. Our approach is based on collaborative partnerships with local, national, regional, international, public and private institutions facilitating the open exchange of ideas, information, and technology between many disciplines and regions.

The position is a full time 1-year appointment, with the opportunity of renewal contingent on performance and availability of continued funding.

Columbia University benefits accompany this Officer of Research appointment.

Application: Please visit our online application site at

<https://academicjobs.columbia.edu/applicants/Central?quickFind=64608>

for further information about this position and to submit your application, cv and statement of interest (up to 2 pages) and contact information for three references.

Search will stay open for 30 days after the ad appears and will continue until the job is filled.

Candidate review will begin after the ad has appeared for 30 days. The intended start date is 01 October 2017.

This position is located in Rockland County, NY at the Lamont Campus of The Earth Institute at Columbia University.

Columbia University is an Equal Opportunity/Affirmative Action employer – Race/Gender/Disability/Veteran.

Prospective candidates must apply online.