

Postdoctoral Research Associate Position in Earth's Energy Imbalance
Department of Climate, Meteorology & Atmospheric Sciences, University of
Illinois Urbana-Champaign

The Department of Climate, Meteorology & Atmospheric Sciences at the University of Illinois Urbana-Champaign has an opening for a Postdoctoral Research Associate in the general area of Earth's energy imbalance, radiative forcing and feedback, clouds, climate sensitivity, pattern effect, and climate change. The project aims to understand the mechanisms that determine the observed trend in Earth's Energy Imbalance, its representation in climate models, and its implications for future climate change. The project will involve analyzing global climate model simulations and satellite data.

A successful candidate will conduct original research, write manuscripts for publication, participate in professional meetings, and collaborate with Professor Shiv Priyam Raghuraman and Professor Cristian Proistosescu at the University of Illinois Urbana-Champaign. The successful candidate will also have the opportunity to collaborate with scientists at other institutions as part of a multi-institutional international funded project. The position will also encourage candidates to develop and pursue their own areas of research interest.

Qualified applicants should have a Ph.D. in Atmospheric Sciences or a relevant field, a strong mathematics and physics background, excellent writing and speaking skills, and strong programming abilities. Experience analyzing global climate model simulations and satellite data is desirable. The position can start immediately, though the starting date is negotiable based on mutual interest. The initial appointment will be for one year and renewable dependent on performance and availability of funding.

Salary is competitive based on experience and qualifications. The University of Illinois Urbana-Champaign offers competitive benefits. The Champaign-Urbana area is an affordable region to live in and has a vibrant international community. The successful candidate would ideally work in-person, but remote work in the US is negotiable based on mutual interest. The position is open until filled and full consideration will be given to applications received by July 19, 2026. For questions, please contact Professor Raghuraman (sraghur2@illinois.edu) or Professor Proistosescu (cristi@illinois.edu)

To apply for the position, please email Professor Raghuraman (sraghur2@illinois.edu) one pdf document containing a cover letter expressing research interests (<2 pages), a CV, and the names and contact information of 3 references.