



PennState
College of Earth
and Mineral Sciences

Earth and Environmental Systems Institute

Postdoctoral Scholar **Climate Data Products for Impacts Analysis and Decision Support** *The Pennsylvania State University*

The Earth and Environmental Systems Institute ([EESI](#)) at The Pennsylvania State University invites applications for a Postdoctoral Scholar position focusing on the development of new climate data products targeted at the analysis of climate impacts and for use in decision support applications. The successful candidate will join a transdisciplinary research team working under awards from NSF, DOE, and NOAA, broadly focused on issues of climate risk management. The successful candidate will have a strong background in a field such as Earth system science (e.g., meteorology/atmospheric science, geosciences, oceanography), civil and environmental engineering, statistics, or applied mathematics by the time of hire. The Postdoctoral Scholar will have considerable freedom to collaboratively design the research within the scope of projects relevant to the team's current efforts. Possible example projects include empirical/statistical downscaling of global climate model output, development of high resolution gridded observational data products, development of metrics and tools for application-relevant characterization of climate data products, and uncertainty quantification in regional climate change projections. This position provides unique opportunities for research, education, outreach, decision support, and professional development, as well as mentoring by a team of experts in relevant disciplines.

Evidence of completion of a Ph.D. by date of hire is required. To be considered for this position, applicants should upload a curriculum vitae, a cover letter, reprints of two manuscripts, and contact information for three professional references as a single PDF file. The cover letter should explain the applicant's interest in the position, highlight relevant qualifications and experience, and include links to examples of relevant prior work.

The Pennsylvania State University's College of Earth and Mineral Sciences takes an active role in building a talented, inclusive, and culturally competent workforce. We understand that our shared future is guided by basic principles of fairness, mutual respect, and commitment to each other. Applicants should provide evidence, either woven through their application materials or as a separate diversity statement, of a commitment to fostering diversity, equity, inclusive excellence, and belonging and of engagement which creates an inclusive environment in their department/workplace.

Review of applications will begin immediately, and the position will remain open until filled. This is a fixed term position funded for one year from date of hire with excellent possibility of re-funding. Questions regarding the position should be directed to Dr. Robert Nicholas (ren10@psu.edu).

Apply online at <https://psu.jobs/job/90950>

To review the Annual Security Report which contains information about crime statistics and other safety and security matters and policies, please go to <https://police.psu.edu/annual-security-reports>, which will also explain how to request a paper copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status