A postdoctoral position is available in the Earth and Environmental Systems Institute at the Pennsylvania State University. Successful candidates will become part of an interdisciplinary research network on Sustainable Climate Risk Management (SCMi, scrimhub.org). Centered at Penn State and linking 18 universities and five research institutions in six nations, SCMi addresses the question: What are sustainable, scientifically sound, technologically feasible, economically efficient, and ethically defensible climate-risk management strategies? SCMi catalyzes fundamental, mission-oriented, and transdisciplinary research to characterize climate risks and trade-offs associated with risk management instruments such as mitigation, adaptation, and geoengineering. The network provides unique opportunities for research, education, outreach, decision support, and professional development. SCMi postdocs enjoy ample opportunities for transdisciplinary research collaboration as well as professional mentoring by a team of experts in relevant disciplines.

The successful candidate will join a transdisciplinary research team to support the social science analysis of two central areas of concern: (i) the role of values in climate change science and risk management and (ii) how to improve values-informed decision making under deep uncertainty. Among other activities, the postdoctoral fellow will assist in developing climate risk management communication and decision support tools, and facilitate their testing and use in experimental and real-life settings. The ideal candidate would have experience designing and testing decision support tools, a strong background in a social or decision science field, and an appreciation of the role values play in decision making. An understanding of climate change mitigation, adaptation, and geoengineering strategies is desirable. Interests in decision making under uncertainty, integrated assessment, and in collaborations involving Earth scientists, statisticians, decision analysts, economists, and philosophers would be further advantages for applicants to this position.

The position is available immediately and will remain open until filled. Initial appointment will be for a period of one year, with excellent possibility of renewal for one or more additional years. The salary will be competitive, commensurate with experience, and will comply with Penn State University guidelines. Successful completion of a background check is required prior to employment.

To apply, visit https://psu.jobs/job/60928. Please include a letter of interest, a CV, reprints of two manuscripts, and contact information for three references with your application. For questions about the potential projects, please contact Dr. Nancy Tuana (ntuana@psu.edu) or Dr. Klaus Keller (klaus@psu.edu).

The Pennsylvania State University is committed to affirmative action, equal opportunity, and the diversity of its workforce.