

Earth and Environmental Sciences
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Postdoctoral Opportunity in Earth and Environmental Science, Temple University

The Department of Earth and Environmental Science at Temple University (PA, USA) is seeking a full-term Postdoctoral Research Associate interested in the general area of soil erosion - ecosystem interactions.

The successful applicant will perform field research and quantitative data analysis, focusing on the following two projects: (1) applicability of novel techniques – rare earth element tracers for soil erosion, and LiDAR (Ground-based & Unmanned Aerial Systems) for soil microtopography and vegetation structure – to monitor landscape responses to fires (2) environmental impacts (e.g. soil hydrologic properties, aerosol emissions) of large-scale biochar application. Opportunities will also be provided for collaborating in other ongoing projects and developing independent projects. Additional information about ongoing research projects can be found at <http://sites.temple.edu/ravi/>.

The postdoctoral position is available immediately. Initial appointment will be for one year with likely renewal pending satisfactory performance.

Requirements include a Ph.D. in earth sciences, environmental science, environmental engineering or similar fields, strong organizational, communication and writing skills. Prior experience in soil laboratory analysis (chemical or physical) or field methods for soil erosion/dust monitoring is preferred. The successful candidate will be expected to contribute to proposal writing and mentoring undergraduate and graduate students.

Applications should be submitted by email as a single pdf to Dr. Sujith Ravi (sravi@temple.edu) and include: (1) a curriculum vitae including list of publications (2) a statement describing past research experience and interests, as well as research interests to be pursued during the postdoctoral tenure at Temple University (no more than 2 pages), and (3) the names and contact information for three references. Review of applications will begin immediately and continue until the position is filled.

Temple University is a comprehensive public research university located in Philadelphia (PA) with around 38,000 students and provides one of the nation's most comprehensive and diverse learning environments. More information about our department is available at <http://www.temple.edu/geology/>.

Temple University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are especially encouraged to apply.