

Post-Doc in Coastal Ecology and Biogeochemistry

The Pacific Northwest National Lab seeks a postdoctoral research associate with strong background in experimental field manipulations to join an interdisciplinary team unraveling the processes governing the response of coastal terrestrial-aquatic interfaces to storm surge-based perturbation.

The candidate will be stationed at the Smithsonian Environmental Research Center in Edgewater, MD, and will lead the implementation of a large-scale field manipulation. The manipulation is expected to be long-term (10+ years) and aims to mimic storm surge-based intrusion of seawater into a coastal forest. The candidate will have a significant and unique opportunity to be a founding member of the experimental team, and to leverage the experiment and its ongoing findings well beyond their tenure as a postdoctoral associate. The candidate will interface with a number of additional projects occurring within and adjacent to the experimental system, ranging from soil molecular processes to vegetation physiology to numerical modeling. In addition to implementing the experiment, duties will include peer-reviewed publication of study results, with a flexible disciplinary focus.

This is a full-time position anticipated to last 3 years (contingent on performance) starting in very early 2019. Applications should be submitted at jobs.pnnl.gov. Search for Job ID 308579. When prompted to upload a résumé, provide a single PDF file containing: (1) a cover letter of 1 to 2 pages summarizing research interests and qualifications that fit the advertised position and possible start date at PNNL if selected, and (2) a CV listing past employment, education and research experiences, skills, publications, and contact information of three references. Consideration of applications begins 18 Dec 2018.

Minimum Qualifications

Candidates must have received a PhD within the past five years (60 months) or within the next 8 months from an accredited college or university.

Preferred Qualifications

Demonstrated ability and enthusiasm to design and build large-scale field manipulations. Willingness to work in diverse field conditions. Experience with in situ field sensors and associated data loggers. Ability to handle and analyze diverse types of datasets using contemporary scripting languages such as R, MATLAB, and/or Python. Strong written and oral communication skills with significant motivation to publish in the peer reviewed literature. Strong interest in team-based interdisciplinary science, with the willingness and ability to work independently when required. Ph.D. in an environmental or earth sciences oriented field (e.g., ecology, biogeosciences, environmental microbiology, etc.).

Equal Employment Opportunity

Battelle Memorial Institute (BMI) at Pacific Northwest National Laboratory (PNNL) is an Affirmative Action/Equal Opportunity Employer and supports diversity in the workplace. All employment decisions are made without regard to race, color, religion, sex, national origin, age, disability, veteran status, marital or family status, sexual orientation, gender identity, or genetic information. All BMI staff must be able to demonstrate the legal right to work in the United States. BMI is an E-Verify employer. Learn more at jobs.pnnl.gov.

Job ID: 308579

Directorate: Earth & Biological Sciences

Division: Biological Sciences

Group: Biological Systems Science