



## Terrestrial and Subsurface Ecosystems Postdoctoral Appointment



The Terrestrial and Subsurface Ecosystems science program at EMSL, the Environmental Molecular Sciences Laboratory, in Richland WA has an opening for postdoctoral research staff. We are seeking a recent graduate in environmental

geochemistry, soil ecology, plant ecophysiology or hydrology to study the terrestrial carbon cycle dynamics using advanced spectroscopic, analytical, imaging experimental platforms and computational, simulation, and modeling approaches.

The successful candidate will design and conduct integrated experimental and modeling research in the area of belowground terrestrial carbon cycle processes that impacts the dynamic exchange of carbon in the plant-microbe-water-atmosphere system using diverse experimental and computational platforms available at EMSL, a Department of Energy national scientific user facility at Pacific Northwest National Laboratory. They will participate in research projects in the Terrestrial and Subsurface Ecosystem Science Theme at EMSL and report to the Terrestrial and Subsurface Ecosystem science lead. See <http://www.emsl.pnl.gov/emslweb/> for details.

The successful candidate will join an interdisciplinary, collaborative team of students, postdoctoral and research staff who are focused on using integrated omics, advanced spectroscopic, and imaging techniques to inform predictive models of carbon exchange between land atmosphere under changing climate conditions. This postdoctoral research position is supported by DOE's Office of Science, Biological and

Environmental Research, Terrestrial Ecosystem Science program, <http://tes.science.energy.gov>. We plan to interview candidates in June. The application process begins online at <http://pnnl.jobs>.

Positions are awarded for a one-year term, with possible renewal up to three years total. The recipient, who will be competitively selected by an EMSL committee, must collaborate with EMSL scientists in a research area that aligns with EMSL's Terrestrial and Subsurface Ecosystem Science Theme.

### How to Apply

Submit application materials **online**. When submitting your resume for this position, upload ONE PDF file that includes the following components:

- » Current CV showing all research publications and experience
- » Statement of research interest (not a formal research proposal) that aligns with EMSL's Terrestrial and Subsurface Ecosystem Science Theme
- » Copies of unofficial transcripts for all degrees.

Applications lacking these components will be declared ineligible.

### Selection Committee

The selection committee comprises the EMSL science leads and associate directors. This committee makes recommendations to the hiring manager, the EMSL Director. For more information on postdoctoral programs at EMSL and PNNL, visit the postdoc website at <http://postdoc.pnnl.gov/>.

For questions, contact **Fred Bond** at [fred.bond@pnnl.gov](mailto:fred.bond@pnnl.gov). Applications received by email will not be considered as official applications. Applications must be submitted through PNNL's jobs website at <http://jobs.pnnl.gov4/>.



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