

Postdoctoral Research Associate in Carbon Cycle Science

Environmental Sciences Division Biological and Environmental Sciences Directorate Oak Ridge National Laboratory Oak Ridge, Tennessee

ORNL09-83-ESD

Project Description:

The Environmental Sciences Division (ESD), <http://www.esd.ornl.gov>, at Oak Ridge National Laboratory (ORNL), <http://www.ornl.gov>, has an immediate opening for one post-doctoral fellowship in carbon cycle science and biogeochemistry. The post-doc will be responsible for spatial and temporal modeling of carbon and nitrogen dynamics in North American agricultural ecosystems. Responsibilities include data collection and analysis, life cycle analysis, and greenhouse gas accounting associated with cropland production, land management, and other anthropogenic activities. Modeling includes carbon uptake, transport, and release occurring through the planting, harvest, transport, and processing of agricultural commodities. Work will be conducted in collaboration with others conducting research on economics and climate change. Annual salary depends on experience. The position will be based at ORNL in Oak Ridge, Tennessee.

Qualifications:

Ph.D. required in Ecology, Agronomy, Soil Science, Environmental Science, or related field.

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

Technical Questions:

Questions regarding the position can be directed to Tristram West at westto@ornl.gov

How to Apply:

Qualified applicants must apply online at https://www2.ornl.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>. When applying for this position, please reference the position title and number.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.