

Postdoctoral research associate in diurnal cycling of ecosystem functioning

The Earth Systems Research Center, University of New Hampshire (UNH) has an immediate opening for a Postdoctoral Research Associate. This successful candidate will understand diurnal cycling of ecosystem functioning and explore how water and heat stresses influence ecosystem functioning (photosynthesis, evapotranspiration, water use efficiency) for various ecosystem types over broad regions using observations from new generation satellites (e.g., ECOSTRESS, OCO-3, geostationary satellites), in-situ measurements, and machine learning/modeling. This position is funded by NASA and NSF and may be renewed annually depending on funding availability and satisfactory performance.

A Ph.D. in areas such as ecology, remote sensing, atmospheric sciences/meteorology, biogeosciences, forestry/natural resources, environmental science, or a related field is required. Applicants should be enthusiastic, creative, and highly motivated. Ideal candidates should have one or more of the following experiences: mechanistic understanding of ecosystem functioning, diurnal cycling of ecosystem processes, satellite remote sensing, processing of large data sets, machine learning, Earth system modeling, and synthesis of in-situ observations. Strong communication, writing, and programming skills and publication record are highly desirable.

Please submit a cover letter, CV, and the names and contact information of three references to Dr. Jingfeng Xiao (j.xiao@unh.edu) via email with the subject line “*Application for postdoc position in ECOSTRESS and OCO-3*”. Applications received by May 20, 2022 are anticipated to be fully considered, while the search will continue until the position is filled.

The position offers a competitive salary and full benefits. The successful candidate will join a research team at the Earth Systems Research Center, a world-class research center in Earth system science. UNH is a Research-I, Land, Sea and Space Grant University that has been recognized both nationally and internationally for research excellence in ecology, environmental science, geoscience and forestry. Located in the Seacoast region of New Hampshire, members of UNH enjoy the high quality of life and beautiful natural surroundings the region provides. The University System of New Hampshire is an Equal Opportunity/Equal Access/Affirmative Action institution.