

From: Jingfeng Xiao
Subject: Postdoc position in FLUXNET upscaling or Carbon Cycle Modeling

Postdoctoral Research Associate in FLUXNET upscaling or Carbon Cycle Modeling

The Earth Systems Research Center, University of New Hampshire has an immediate opening for a Postdoctoral Research Associate in the upscaling of FLUXNET (or AmeriFlux) flux observations or carbon cycle modeling. This project will upscale FLUXNET (or AmeriFlux) flux observations to the continental or global scale using data-driven approaches (e.g., regression tree) or process-based modeling approaches (e.g., CLM) and then examine land-atmosphere carbon exchange particularly the interannual variability and trends of carbon fluxes. A variety of satellite data streams (e.g., MODIS, OCO-2, and/or SMAP) will be used (or assimilated) in the upscaling or modeling. This position is funded by NASA, and may be renewed annually for up to three years, depending on satisfactory performance.

A Ph.D. in areas such as ecology, meteorology, biogeochemistry, atmospheric sciences, remote sensing, environmental science, or a related field is required. Applicants should be enthusiastic, creative, and highly motivated. Ideal candidates should have at least some of the following experience: handling and processing of large data sets, data-driven approaches (e.g., regression tree), ecosystem or land surface modeling (e.g., CLM), satellite remote sensing, 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 2017 postdoctoral position". Review of applications will begin immediately and 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 (ESRC; https://urldefense.proofpoint.com/v2/url?u=http-3A__www.esrc.sr.unh.edu_&d=CwIF-g&c=-Ngd-ta5yRysqeUseDgxcqsYY1Xs5ogLxWPA_2Wlc4&r=-e2OJ1azRFn8ihJzb2HxZT0AgoiqLvxfeeaTyN59ZLol&m=Q2edxEnfN0q0OGAjbEgLv5xHJvu7pVDXloN1ZpKehr4&s=anL_aO_1NeWIKXDKO2m4TgrTmfUWCA9nTzW-LGaoxJk&e=-) at the University of New Hampshire. 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.