

PhD opportunity in ecosystem ecology, biodiversity and remote sensing

A PhD position is available in the University of New Hampshire's Natural Resources and Earth System Science ([NRESS](#)) PhD program to study the role of tree canopy diversity in forests. The project addresses questions related to **(1)** the influence of tree diversity on carbon cycling and other ecosystem processes in forests, and **(2)** ways in which forest canopy diversity can be represented (e.g. taxonomic, structural or functional diversity), and estimated at multiple scales using remote sensing. Student projects could involve either or both of these themes using a combination of remote sensing, eddy covariance, ecosystem modeling and field measurements. More information about the project is available at: https://gradschool.unh.edu/explore_trees.php

Qualifications: We are seeking a highly motivated student with a Master's degree in ecology, forestry, physical geography, atmospheric science or a related field to join a dynamic, multi-investigator team. Candidates should have excellent written and verbal communication skills (in English), and a strong background in ecology, biogeochemistry or ecophysiology. Skills in remote sensing, analysis of large data sets, simulation modeling, and forest ecology field methods are a strong plus. Candidates should be self-directed, but should also work well in a team setting.

Information about UNH, PhD degree requirements and application procedures are available through the [NRESS](#) program website. Review of applications will begin immediately and continue until the position is filled. The position will become available in the fall, 2018, but alternate start dates are possible. Interested candidates can contact Dr. Scott Ollinger (scott.ollinger@unh.edu) for additional information about the project.

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