

Graduate Research Assistant in Nutrient/Water Resources Modeling, Raleigh, NC

A graduate-student research assistant position (Ph.D. or Master's) is available in Dr. Dan Obenour's Environmental Modeling and Forecasting lab group at NC State University in Raleigh. The position will focus on modeling of nutrient flows and downstream water quality impacts. This position is associated with STEPS (<https://steps-center.org/>), a convergence research center focused on phosphorus sustainability. Through STEPS, the selected student will have opportunities to interact closely with researchers in other fields, provide stakeholder outreach, and support junior students, including those from under-represented groups.

Primary responsibilities will include computational modeling and the development of scholarly manuscripts and presentations. The student will be based at either the Department of Civil, Construction, and Environmental Engineering or the Center for Geospatial Analytics, depending on the student's background and interests. Preference will be given to motivated candidates with expertise in one or more of the following areas: water quality dynamics, geospatial analysis, coding, statistical modeling, and/or machine learning.

Interested candidates should contact Dr. Obenour (drobenour@ncsu.edu), providing a resume/CV and brief summary of research interests and qualifications. Outstanding candidates will be encouraged to submit a full application (<https://grad.ncsu.edu/programs/how-to-apply/>). Members of under-represented groups are especially encouraged to apply.

Position is available in January 2024, though later start dates (e.g., August 2024) will be considered. The selected applicant will receive a competitive stipend, full tuition, and benefits.