Wetland AquaTic oRganic Biogeochemistry

Postdoctoral Researcher in Biogeochemistry

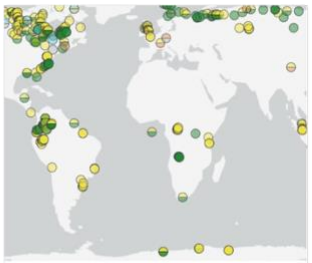
The WATeR (Wetland AquaTic oRganic) Biogeochemistry group at Georgia Tech is currently recruiting a postdoctoral researcher to join in 2027! **This is a 12-month position with the possibility for an extension based on performance and funding availability.**

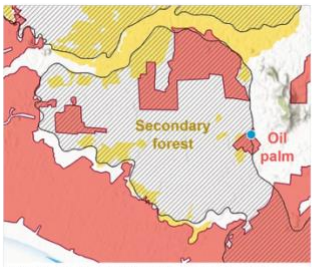
The WATeR Biogeochemistry group: Led by Prof. Jennifer Bowen, our group at Georgia Tech (Atlanta, GA) studies the impact of climate and land disturbance on the fate of vulnerable soil carbon stocks in wetlands and through lateral export to freshwaters and the coast. Our current projects fall into five research areas (see right) and include study sites in Alaska, Georgia, Indonesia, and elsewhere in the tropics.

Impacts of Organic Molecule Chemistry on Microbial Metabolism

Impacts of Changing Hydrology on Wetland Carbon Fate

Impacts of Photochemistry on Coastal Carbon Fate & Productivity


Regional Syntheses of Radiocarbon & Aquatic Carbon Fluxes



Wetland Restoration & Conservation as Nature-based Solutions

Minimum qualifications: A PhD conferred in 2027 or earlier on a topic within aquatic, wetland, or organic biogeochemistry (degree in earth science, environmental science, chemistry, environmental engineering). Previous research experience and future interests that align with one or more of the five research areas in the WATeR Biogeochemistry group. Previous experience carrying out field campaigns, research cruises, or collecting and analyzing high-resolution mass spectrometry datasets for dissolved organic matter. Must be able to work well with others in the WATeR Biogeochemistry group and with members of our collaborative teams.

Preferred qualifications: Previous experience carrying out research involving natural organic matter in an ecosystem along the land-ocean continuum. Prospective postdocs with a history and commitment to science communication, community engagement, community building, or student mentorship are highly encouraged to apply.

How to apply: To express interest in the position, prospective postdocs should submit this google form with the following materials by **Nov 30th, 2026**:

- CV
- 1-page cover letter describing their graduate research, future career goals, and a project they would be interested in pursuing within one (or more) of the five research areas of the group (above)

After this initial interest stage, a select number of applications will be asked provide references and to meet with Dr. Bowen and the rest of the group. Applications will be reviewed on a rolling basis after Nov 30th until the position is filled.