



Université du Québec à Montréal

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Postdoctoral opportunity: C dynamics in wetlands and associated fluvial networks in temperate and boreal landscapes Université du Québec à Montréal (UQAM)

A postdoctoral position is currently available at the CarBBAS group in the Université du Québec à Montréal to carry out research on carbon dynamics in temperate and boreal wetlands and associated fluvial aquatic networks. The selected candidate will integrate a large-scale, multidisciplinary, multi-institutional research program focusing on the carbon footprint of different types of natural and human impacted wetlands throughout the temperate and boreal landscapes of Québec. Researchers interested in exploring terrestrial / aquatic biogeochemical links, wetland lateral C export, connections between surface and subsurface hydrologic processes, greenhouse gas emissions, and carbon processing, transport and storage in fluvial networks, and generally quantifying the role of aquatic networks on landscape C budgets are encouraged to apply. We are seeking a highly motivated colleague holding a PhD degree in a relevant subject (limnology, aquatic ecology, earth sciences, geography) interested in working in an interdisciplinary setting, with experience in C biochemistry and biogeochemical modeling and excellent verbal and written English communication skills; experience in GIS, landscape modeling, and / or hydrology, would be an asset. The postdoctoral fellow will join the highly dynamic, diverse and multidisciplinary team of the NSERC-funded Research Chair in Carbon Biogeochemistry in Boreal Aquatic Systems (CarBBAS Chair, <http://www.carbbas.uqam.ca/>), which in turn is part of the aquatic group in the Département des sciences biologiques of the Université du Québec à Montréal (UQAM), with collective expertise in nutrient and C biogeochemistry, ecosystem and landscape modeling, population, community and ecosystem ecology, genomics and molecular ecology.

The initial appointment is for one year, with a possibility of renewal for an additional year contingent on funding and upon satisfactory performance. Interested scientists should contact Dr. Paul del Giorgio (del_giorgio.paul@uqam.ca, 514-795-7983). Starting date: winter / spring 2026.