

PhD Position in Quantitative Conservation Ecology @ McGill University

We are seeking an excellent candidate to undertake a PhD research project on monitoring biodiversity change in landscapes undergoing changing habitat connectivity. The project will combine monitoring ecological networks over space (across habitat networks) or over time as interventions (e.g. new corridors or steppingstone habitats) are implemented under different scenarios of land use and climate change. The project will bring together habitat and occupancy data, ecological network data and models, and models of habitat connectivity change at different spatial scales within Quebec, with a specific focus on the ecoregion of the Saint Lawrence Lowlands. The project is flexible and could take on a more theoretical or applied focus depending on the interests of the student. This research will link to ongoing work in our labs applying essential biodiversity variables to indicators and targets in Goal A of the new Global Biodiversity Framework of the Convention on Biological Diversity.

The candidate is expected to have strong quantitative skills and an interest in tackling the data and modeling ecological networks.

To apply, please send a cover letter describing your research background, interests, and qualifications; a copy of your most recent transcript; plus, a complete curriculum vitae and contact information for at least two references to andrew.gonzalez@mcgill.ca and laura.pollock@mcgill.ca

Only short-listed candidates will be notified.

Application deadline: October 15th

Deadline for registration in Dept. of Biology at McGill is October 15th, 2021.

<https://www.mcgill.ca/biology/graduate-studies/prospective-graduate-students>