

Theme 3, Project 6, Title: The conservation and sustainable use of riverine ecosystem services

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Project team

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Abstract

Rivers are important freshwater habitats that can extend over great distances. My research explores variation in ecosystem service trade-off and synergies along riverine gradients in the Canadian context, where lakes and rivers account for almost 10% of land coverage, support an important array of biodiversity and ecosystem services, and yet, have rarely been considered in the development of PAs. Documenting and understanding variation in ecosystem service trade-off and synergies along these gradients is an important starting point in determining how rivers should be prioritized for protection to maximize conservation and sustainable development of the numerous ecosystem services they support.

Keywords: ecosystem services, rivers, conservation, protected areas, social-ecological systems, aquatic, invertebrates

Geographic Location: Parks and protected areas in Québec, Canada

How does your project link to Canadian aquatic ecosystem services?

My Project is directly linked to Canadian aquatic ecosystem services as it will focus on characterizing ecosystem services in rivers found in protected areas. It will also shed light on how humans benefit from the protection of these services.