



PUBLIC PRESENTATION



Wednesday,
April 8th, 2026
12:00 - 1:00p.m.

UNBC

(Rm 7-152)

Please register if
you plan to attend
online:

<https://unbc.zoom.us/j/9123456789>



Tracking birds and bats in northern British Columbia with the Motus Wildlife Tracking System

Guest Presenter: Amie MacDonald,

Shorebird Ecologist and Motus Coordinator – British Columbia, Birds Canada

Presentation Summary:

The Motus Wildlife Tracking System is an international collaborative research network that uses automated radio telemetry to track birds, bats, and insects. Since 2021, Birds Canada and collaborating organizations and individuals have established a network of over 20 Motus receiver stations in northeastern and northcentral BC. We have used Motus to track the migration routes of white-throated sparrows and bank swallows, gaining insights into the ecology of these birds breeding in the region. Collaborators have also begun to track the local movements of bats, and birds tagged as far away as Chile by independent Motus projects have been detected on Motus stations in northern BC. Motus continues to grow worldwide and in northern BC – we are currently using Motus to monitor bank swallows' use of wetlands as foraging and roosting habitat during the breeding season, and we aim to continue supporting researchers and projects using the Motus array in northern BC.

Amie MacDonald is the British Columbia Motus Coordinator with Birds Canada. She is working to support the development of the Motus Wildlife Tracking System, and to help researchers and conservationists successfully use Motus across the province. In addition to working on establishing a Motus network in northern BC, she works on projects studying movements of Dunlin in the Fraser River Estuary and examining survival rates of endangered Red Knots.

All are welcome to participate. There is no cost to attend, but pre-registration via the link to the left is required to participate online. The Natural Resources & Environmental Studies Institute at the University of Northern British Columbia, together with its partners, invite those with interest in learning more about this topic to participate in this presentation and discussion in-person or online.

This event is funded by the Fish and Wildlife Compensation Program (FWCP). The FWCP is a partnership between BC Hydro, Fisheries and Oceans Canada, First Nations, public interest holders, and the Province of BC, to conserve and enhance fish and wildlife in watersheds impacted by existing BC Hydro dams.



