

Barbara Frei

Post-doctoral researcher, Department of Natural Resource Sciences at McGill University
Montreal, QC, CA

Conservation biologist, scientific communicator & collaborative researcher. Champion for conservation in a rapidly changing world.

Biography

Barbara is a conservation biologist broadly interested in the behaviour and conservation of species-at-risk in human modified landscapes. She completed her B.Sc. at Carleton University (2005), and her M.Sc. (2009) and Ph.D. (2014) at McGill University. Her doctoral research focused on the habitat use, breeding ecology, and community interactions of Red-headed Woodpeckers in southern Ontario, where she led a public outreach and education campaign on the conservation of the species. She is currently a postdoctoral researcher at University of Ottawa and a visiting scholar at McGill University, researching the balance and tradeoffs of biodiversity and ecosystem services in Canadian agroecosystems. She is a co-founder and the current director of the McGill Bird Observatory, where she is involved in year-round monitoring and research on Canadian birds species. In 2017 Barbara is overseeing the installation of a Montreal extension of the MOTUS automated telemetry array, and in collaboration with Dr. Elliott from McGill University is initiating a new research program on migration ecology of passerines in the Montreal area.

Industry Expertise

Education/Learning, Research

Areas of Expertise

Conservation Biology, Ecosystem services, Biodiversity, Agroecosystems, Birds Birding, Ornithology, Ecology, Women in Science and STEM, Agricultural impacts on biodiversity

Affiliations

Director McGill Bird Observatory

Education

Carleton University
B.Sc. Honours Biology

McGill University
M.Sc. Natural Resource Sciences

McGill University
Ph.D. Natural Resource Sciences

University of Ottawa
Postdoctoral researcher Biology

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