

Sebastian Dalgarno

PHD STUDENT

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Background

- PhD student studying fish movement ecology and Bayesian inference.
- Experienced computational biologist specializing in spatial data, data visualization, and databases.
- (Co)developer of over 10 R packages including tinter and dbflobr.
- Developer of over 20 web apps for data visualization/analysis including shinyssdtools and Peachland-Trepanier logging.

Education

2006	BA in Forest Conservation	University of Toronto
2014	MSc in Geography	University of Guelph
2020	PhD in Natural Resource and Environmental Studies	University of Northern British Columbia

Career

2011	Research Assistant	University of Toronto Wildlife
2012	Research Intern	Conversation Society
2016	GIS Analyst	Self-Employed
2017	Intermediate Computational Biologist	Poisson Consulting

Key Publications

- Arihafa, A., Dalgarno, S., & Neale, E. (2015). An estimate of above-ground carbon stock in tropical rainforest on Manus Island, Papua New Guinea. *Pacific Conservation Biology*, 21(4), 307. <https://doi.org/10.1071/PC15015>
- Dalgarno, S., Mersey, J. E., Gedalof, Z., & Lemon, M. (2017). Species-environment associations and predicted distribution of Black Oystercatcher breeding pairs in Haida Gwaii, British Columbia, Canada. *Avian Conservation and Ecology*, 12(2). <https://doi.org/10.5751/ACE-01094-120209>
- Thompson, M., Alderman, S., Wilson, K., Dalgarno, S., Thorley, J., Gavin, S., & Dersch, A. (2020). *Trans Mountain Expansion Project and Oil Spills: Power Analysis on Pacific Salmon Data* [A Management and Solutions in Environment Science Report]. Adams Lake Indian Band.