

Seb Dalgarno

INTERMEDIATE COMPUTATIONAL BIOLOGIST

Poisson Consulting Ltd

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Background

- 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 Shiny apps including shinyssdtools and ypr-shiny.
- Top user of the sf tag on StackOverflow.

Education

2014	MSc in Geography	University of Guelph
2006	BSc in Forest Conservation	University of Toronto

Career

2020	Intermediate Computational Biologist	Poisson Consulting
2017	Junior Computational Biologist	Poisson Consulting
2016	GIS Analyst	Self-Employed Wildlife
2012	Research Intern	Conversation Society

Key Publications

1. 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>
2. 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>
3. 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.