**Cumulative and individual impacts of the human footprint on biodiversity indicators using similarity to high integrity reference states.**

Evan R. Muise1\*, Nicholas C. Coops1, Chris Mulverhill1, Txomin Hermosilla2, A. Cole Burton1, Stephen S. Ban3

Submitted to: Science of Remote Sensing

1 Department of Forest Resource Management, 2424 Main Mall, University of British Columbia, Vancouver, British Columbia, V6T 1Z4, Canada  
2 Canadian Forest Service (Pacific Forestry Centre), Natural Resources Canada, 506 West Burnside Road, Victoria, British Columbia V8Z 1M5, Canada  
3 BC Parks, Ministry of Environment and Climate Change Strategy, PO Box 9360 Stn Prov Govt Victoria, British Columbia, V8V 9M2, Canada.

\*Corresponding Author: Evan Muise, email: [evanmuis@student.ubc.ca](mailto:evanmuis@student.ubc.ca)