

## Publications from Trask River Watershed Study

Type	Year	Topic Area	Citation
Journal	2020	Stream temperature	Reiter, M., Johnson, S.L., Homyack, J., Jones, J.E. and James, P.L. 2020. <a href="#">Summer Stream Temperature Changes Following Forest Harvest in the Headwaters of the Trask River Watershed, Oregon Coast Range.</a> Ecohydrology, p.e2178.
Journal	2019	Stream chemistry	Willacker, J.J., Eagles-Smith, C.A., Kowalski, B.M., Danehy, R.J., Jackson, A.K., Adams, E.M., Evers, D.C., Eckley, C.S., Tate, M.T. and Krabbenhoft, D.P. 2019. <a href="#">Timber harvest alters mercury bioaccumulation and food web structure in headwater streams.</a> Environmental Pollution, 253, pp.636-645.
Journal	2018	Stream chemistry	Eckley, C.S., Eagles-Smith, C., Tate, M.T., Kowalski, B., Danehy, R., Johnson, S.L. and Krabbenhoft, D.P., 2018. <a href="#">Stream mercury export in response to contemporary timber harvesting methods (Pacific Coastal Mountains, Oregon, USA).</a> Environmental science & technology, 52(4), pp.1971-1980.
Journal	2017	Stream temperature	Bladon, K.D., Segura, C., Cook, N.A., Bywater-Reyes, S., and Reiter, M. 2018. <a href="#">A multi-catchment analysis of headwater and downstream temperature effects from contemporary forest harvesting.</a> Hydrological Processes. 32(2): 293-304
MS Thesis	2017	Stream chemistry and variability	Steadman, C.L. 2017. <a href="#">Natural variability of nitrogen and phosphorus in a forested headwater stream system in the Oregon Coast Range.</a> MS Thesis, Oregon State University, Corvallis, OR. 60 pp.
MS Thesis	2017	Influence of forest harvest on fish growth	Jensen, L. R. 2017. <a href="#">Factors influencing growth and bioenergetics of fish in headwater stream subject to forest harvest.</a> M.S. Thesis. Oregon State University, Corvallis, OR.
Journal	2017	Influence of forest harvest on sediment delivery to streams	Bywater-Reyes, S, C. Segura, and K. D. Bladon. 2017. <a href="#">Geology and geomorphology control suspended sediment yield and modulate increases following timber harvest in temperate headwater streams.</a> Journal of Hydrology 548: 754-769.
Journal	2017	Influence of forest harvest on amphibians	Chelgren, N. C. and M. J. Adams. 2017. <a href="#">Inference of timber harvest effects on survival of stream amphibians is complicated by movement.</a> Copeia 105 (4): 714-727
Journal	2017	Sediment delivery from forest roads to headwater streams	Arismendi, I., J. D. Groom, M. Reiter, S. L. Johnson, L. Dent, M. Meleason, A. Argerich, and A. E. Skaugset. 2017. <a href="#">Suspended sediment and turbidity after road construction / improvement and forest harvest in streams of the Trask River Watershed Study, Oregon.</a> Water Resources Research 53: doi:10.1002/2016WR020198.

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Outreach	2016	Trout and habitat	Watts, A. 2016. <a href="https://www.fs.fed.us/pnw/science/scifi191.pdf">The Idiosyncrasies of Streams: Local Variability Mitigates Vulnerability of Trout to Changing Conditions</a> . Based on the research of Brooke Penaluna and Jason Dunham. Science Findings 191, 6 p. USDA Forest Service, Corvallis OR. <a href="https://www.fs.fed.us/pnw/science/scifi191.pdf">https://www.fs.fed.us/pnw/science/scifi191.pdf</a>
Journal	2015	Variability of trout responses	Penaluna, B.E., J. B. Dunham, S.F. Railsback, I. Arismendi, S.L. Johnson, and R.E. Bilby. 2015. <a href="https://doi.org/10.1371/journal.pone.0135334">Local Variability Mediates Vulnerability of Trout Populations to Land Use and Climate Change</a> . PLoS ONE 10(8): e0135334. doi:10.1371/journal.pone.0135334.
Journal	2015	Modeling trout response to forest harvest and climate change	Penaluna, BE, S.F. Railsback, J.B. Dunham, S.L. Johnson, R.E. Bilby, and A.E. Skaugset. 2015. <a href="https://doi.org/10.1111/cjfs.12111">The role of geophysical template and environmental regimes in controlling stream-living trout populations</a> . Can J. Fish. Aquat. Sci 72: 893-901.
Ph.D. Dissertation	2013	Modeling trout response to forest harvest and climate change	Penaluna, Brooke. 2013. <a href="https://www.proquest.com/docview/1100000000">New Insights on an Old Topic: Understanding the Effects of Forest Harvest on Trout in the Context of Climate</a> . Ph.D. Dissertation. Dept. of Fisheries and Wildlife, Oregon State Univ., Corvallis, OR.
Journal	2013	Songbird habitats in riparian areas	Jenkins, S. R., M. B. Betts, M. M. Husa and J. C. Hagar. 2013. <a href="https://doi.org/10.1007/s10541-013-9788-1">Habitat selection by juvenile Swainson's thrushes (<i>Catharus ustulatus</i>) in headwater riparian areas, Northwestern Oregon, USA</a> . Forest Ecology and Management 305: 88-95
Journal	2012	Songbird habitats in riparian areas	Hagar, J.C., J. Li, J. Sobota, and S. Jenkins. 2012. <a href="https://doi.org/10.1007/s10541-012-9788-1">Arthropod prey for riparian associated birds in headwater forests of the Oregon Coast Range</a> . Forest Ecology and Management 285:213-226.
MS Thesis	2011	Fish species competition	Ramirez, B.S. 2011. <a href="https://www.proquest.com/docview/1100000000">Experimental analysis of intra- and interspecific competitive interactions between cutthroat trout and sculpins in small streams</a> . MS Thesis, Oregon State University, Corvallis, OR. 60 pp.
Journal	2011	Temperature response aquatic insects	Li, J.L., S.L. Johnson, and J. Sobota. 2011. <a href="https://doi.org/10.1007/s10541-011-9788-1">Three responses to small changes in stream temperature by autumn-emerging aquatic insects</a> . Journal of the North American Benthological Society 30(2): 474-484.
MS Thesis	2010	Songbird habitat selection	Jenkins, S.R. 2010. <a href="https://www.proquest.com/docview/1100000000">Post-breeding habitat selection by songbirds in the headwaters of the Trask River, Northwestern Oregon</a> . M.S. Thesis. Dept. of Forest Ecosystems and Society, Oregon State University, Corvallis, OR. 80 pp.

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MS Thesis	2010	Riparian forest structure	Haxton, Z. 2010. <a href="#">An examination of several methods of quantifying forest structure in headwater riparian forests of Western Oregon</a> . M.S. Thesis. Dept. of Forest Engineering and Resource Management, Oregon State University, Corvallis, OR
MS Thesis	2010	Seasonal fish diet	Raggon, M. 2010. <a href="#">Seasonal variability in diet and consumption by cottid and salmonid fishes in headwater streams in Western Oregon</a> . M.S. Thesis. Dept. of Fisheries and Wildlife, Oregon State Univ., Corvallis, OR
MS Thesis	2008	Landscape context for Trask WSS	Bax, T.V. 2008. <a href="#">Setting the landscape context for paired watershed studies in western Oregon</a> . MS Thesis. Oregon State University, Corvallis, OR.
MS Thesis	2008	In-stream fish cover	Anderson, H. 2008. <a href="#">Transferability of models to predict selection of cover by coastal cutthroat Trout in small streams of Western Oregon</a> . M.S. Thesis. Dept. of Fisheries and Wildlife, Oregon State Univ., Corvallis, OR.