**PUBLICATIONS AND THESES FROM THE ALSEA WATERSHED STUDY AND THE ALSEA WATERSHED REVISIT
2006-2020**

**PUBLICATIONS**

Bateman, D. S., Gresswell, R. E., Warren, D., Hockman-Wert, D. P., Leer, D. W., Light, J. T., & Stednick, J. D. 2018. Fish response to contemporary timber harvest practices in a second-growth forest from the central Coast Range of Oregon. *Forest Ecology and Management*: 411: 142-157.

Bladon, K. D., Cook, N. A., Light, J. T., & Segura, C. 2016. A catchment-scale assessment of stream temperature response to contemporary forest harvesting in the Oregon Coast Range. *Forest Ecology and Management*: 379: 153-164.

Bladon, K. D., Segura, C., Cook, N. A., Bywater‐Reyes, S., & Reiter, M. 2018. A multicatchment analysis of headwater and downstream temperature effects from contemporary forest harvesting. *Hydrological Processes*: 32(2): 293-304.

Hale, V. C., & McDonnell, J. J. 2016. Effect of bedrock permeability on stream base flow mean transit time scaling relations: 1. A multiscale catchment intercomparison. *Water Resources Research*: 52(2): 1358-1374.

Hale, V. C., McDonnell, J. J., Stewart, M. K., Solomon, D. K., Doolitte, J., Ice, G. G., & Pack, R. T. 2016. Effect of bedrock permeability on stream base flow mean transit time scaling relationships: 2. Process study of storage and release. *Water Resources Research*: 52(2): 1375-1397.

Hatten, J. A., Segura, C., Bladon, K. D., Hale, V. C., Ice, G. G., & Stednick, J. D. 2018. Effects of contemporary forest harvesting on suspended sediment in the Oregon Coast Range: Alsea Watershed Study Revisited. *Forest Ecology and Management* 408: 238-248.

Ice, G. G., Hale, V. C., Light, J. T., Muldoon, A., Simmons, A., Bousquet, T. 2020. Understanding Dissolved Oxygen Concentrations in a Discontinuously Perennial Stream within a Managed Forest *Forest Ecology and Management* 479: 118531, https://doi.org/10.1016/j.foreco.2020.118531

Louch, J, Tatum, V., Allen, G., Hale, V.C., McDonnell, J., Danehy, R.J., Ice, G. 2016. Potential risks to freshwater aquatic organisms following a silvicultural application of herbicides in Oregon’s Coast Range. *Integrated Environmental Assessment and Management* 13: 396-409, doi: 10.1002/ieam.1781

Segura, C., Bladon, K. D., Hatten, J. A., Jones, J. A., Hale, V. C., & Ice, G. G. 2020. Long-term effects of forest harvesting on summer low flow deficits in the Coast Range of Oregon. *Journal of Hydrology*: 124749.

**BOOKS AND BOOK CHAPTERS**

Stednick, J. D. (2008). Hydrological and biological responses to forest practices. Springer, New York, NY. 316 pp.

*Chapters within (ordered as presented in book)*

Hall, J. D., & Stednick, J. D. (2008). The Alsea Watershed Study. In Stednick, J.D. (ed.). *Hydrological and biological responses to forest practices* (pp. 1-18). Springer, New York, NY.

Stednick, J. D. (2008). Effects of timber harvesting on streamflow in the Alsea watershed study. In Stednick, J.D. (ed.). *Hydrological and biological responses to forest practices* (pp. 19-36). Springer, New York, NY.

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Beschta, R. L., & Jackson, W. L. (2008). Forest practices and sediment production in the Alsea Watershed Study. In Stednick, J.D. (ed.). *Hydrological and biological responses to forest practices* (pp. 55-66). Springer, New York, NY.

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**THESES/DISSERTATIONS**

Hale, V. C. 2007. A physical and chemical characterization of stream water draining three Oregon Coast Range catchments. Oregon State University. M.S. Thesis. 110 pp.

Hale, V. C. 2011. Beyond the paired-catchment approach: isotope tracing to illuminate stocks, flows, transit time, and scaling. Oregon State University. Ph.D. Dissertation.

Harbin, A. 2017. Stream nutrient response to contemporary timber harvest practices in western Oregon. Colorado State University. M.S. Thesis. 71 pp.