

## Wanda Lindquist - Portfolio

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Alexander, Martin E., and Miguel G. Cruz. "Limitations on the accuracy of model predictions of wildland fire behaviour: A state-of-the-knowledge overview." *The Forestry Chronicle* 89.3 (2013): 372-383.

Alexander, M.E.; Heathcott, M.J.; Schwanke, R.L. 2013. Fire behaviour case study of two early winter grass fires in southern Alberta, 27 November 2011. Partners in Protection Association, Edmonton, Alberta. 76 p.

Garbarino, M., R. Marzano, J.D. Shaw and J.N. Long. 2015. Environmental drivers of detrital dynamics in woodlands and forests. *Ecosphere* 6(3):1-24. Article 30.

Hebertson, E.G., Jenkins, M.J., 2003. Historic climate factors associated with major avalanche years on the Wasatch Plateau, Utah. *Cold Regions Science and Technology* 37(3), 315-332.

Hebertson, E.G., Jenkins, M.J., 2008. Climate Factors Associated with Historic Spruce Beetle (Coleoptera: Curculionidae) Outbreaks in Utah and Colorado. *Environmental Entomology* 37(2), 281-292.

Jenkins, M.J., Hebertson, E., Page, W., Jorgensen, C.A., 2008. Bark beetles, fuels, fires and implications for forest management in the Intermountain West. *Forest Ecology and Management* 254(1), 16-34.

Jenkins, M.J., Hebertson, E., Page, W.G., Lindquist, W.E., 2011. A tool to estimate the impact of bark beetle activity on fuels and fire behavior. *Fire Management Today* 71(3), 36-41.

Jenkins, M.J., Page, W.G., Hebertson, E.G., Alexander, M.E., 2012. Fuels and fire behavior dynamics in bark beetle-attacked forests in Western North America and implications for fire management. *Forest Ecology and Management* 275(0), 23-34.

Long, J.N., 2003. Diversity, complexity and interactions: an overview of Rocky Mountain forest ecosystems. *Tree Physiology* 23(16), 1091-1099.

Long, J.N. 2009. Emulating natural disturbance regimes as a basis for forest management: A North American view. *Forest Ecology and Management*. 257:1868-1873

Long, J.N., Dean, T.J., Roberts, S.D., 2004. Linkages between silviculture and ecology: examination of several important conceptual models. *Forest Ecology and Management* 200(1-3), 249-261.

Long, J.N., Shaw, J.D., 2005. A Density Management Diagram for Even-aged Ponderosa Pine Stands. *Western Journal of Applied Forestry* 20(4), 205-215.

Long, J.N., Shaw, J.D., 2010. The influence of compositional and structural diversity on forest productivity. *Forestry* 83(2), 121-128.

Long, J.N., Smith, F.W., Roberts, S.D., 2010. Developing and Comparing Silvicultural Alternatives: Goals, Objectives, and Evaluation Criteria. *Western Journal of Applied Forestry* 25(2), 96-98.

Long, J.N., Vacchiano, G., 2014. A comprehensive framework of forest stand property-density relationships: perspectives for plant population ecology and forest management. *Annals of Forest Science* 71:325-335.

Page, W.G., Jenkins, M.J., Runyon, J.B., 2012. Mountain pine beetle attack alters the chemistry and flammability of lodgepole pine foliage. *Canadian Journal of Forest Research* 42(8), 1631-1647.

Page, W.G., Jenkins, M.J., Alexander, M.E., 2014. Crown fire potential in lodgepole pine forests during the red stage of mountain pine beetle attack. *Forestry* 87(3), 347-361.

Sharik, T.L., Lilieholm, R.J., Lindquist, W., Richardson, W.R. 2015. Undergraduate Enrollment in Natural Resource Programs in the United States: Trends, Drivers, and Implications for the Future of Natural Resource Professions. *Journal of Forestry*. 14-146 (pending. online 9/3/2015. Publication 11/2015).

Shaw, J.D., Long, J.N., 2007. A Density Management Diagram for Longleaf Pine Stands with Application to Red-Cockaded Woodpecker Habitat. *Southern Journal of Applied Forestry* 31(1), 28-38.

Shultz, L. M., R. D. Ramsey, and W. Lindquist. "Revised atlas of Utah plants." (2010).

Shultz, L. M., R. D. Ramsey, and W. Lindquist. 2005. Digital atlas of Utah plants. College of Natural Resources Website, Utah State University. Logan Available from: <http://www.gis.usu.edu/geography-department/utgeog/utvatias/ut-vascatlas.html>.

## Wanda Lindquist – Portfolio (continued)

Calculator Art: *Precalculus: A Functional Approach to Graphing and Problem Solving, Sixth Edition*, Smith; 2010 (in production),

Illustration: *A First Course in Mathematical Modeling* 3/e, Giordano/Weir/Fox; Brooks/Cole; 2002

Calculator Art: *Intermediate Algebra* 2/e, Tussy/Gustafson; Brooks/Cole; 2001

Art Inventory: *Beginning Algebra* 6/e, Gustafson; Hoyt Publishing Services; 2001

Calculator Art: *Algebra for College Students* 6/e, Gustafson/Frisk; Brooks/Cole; 2001

File conversion: *Statistics for Management and Economics* 6/e, Keller/Warrack; Wadsworth; 2001

\* Illustration & PowerPoint Presentations: *Avalanche Search Dogs/National Avalanche School* 2001 and *Avalanche Danger Rating System* 2000; Michael Jenkins, Utah State University & Snowbasin Resort

Calculator Art: *Beginning & Intermediate Algebra* 3/e, Gustafson/Frisk; Brooks/Cole; 2001

Art Inventory: *Intermediate Algebra* 2/e, Tussy/Gustafson; Hoyt Publishing Services; 2001

Illustration: *Principles of Geotechnical Engineering*, Das; 2001

Art Inventory: *Intermediate Algebra* 6/e, Gustafson/Frisk; Hoyt Publishing Services; 2001

Calculator Art: *Understanding Elementary Algebra* 6/e, Goodman/Hirsch; Brooks/Cole 2001

Graphic illustration: *The Nature of Mathematics*, Smith; Brooks/Cole; 2000

Calculator art: *Beginning and Intermediate Algebra with Graphing Calculators: An Integrated Approach*, Cochener, Hodge and Gustafson; Brooks/Cole; 1999

Illustration: Fokus Deutsch Testbank; McGraw-Hill; Miscellaneous maps

File conversions: Minitab to Illustrator; Devore; 1999