**Project Manager Qualifications and Organization Description**

**Project Manager: John Zobel**

Assistant Professor, Dept. of Forest Resources, University of Minnesota, St. Paul, MN 55108

**Professional Appointments and Preparation**

* Assistant Professor, Forest Resources, University of Minnesota, 2018 – present
* Assistant Professor, Forestry, Wildlife and Fisheries, University of Tennessee, 2014 – 2018
* Ph.D., Natural Resources Science and Management, University of Minnesota, 2013
* M.S., Statistics, University of Minnesota, 2015
* M.S., Natural Resources Science and Management, University of Minnesota, 2010
* B.S., Forest Resources, *summa cum laude*,University of Idaho, 2007

 **Areas of Expertise**

Forest/natural resources biometrics, measurements, modeling, including general inventory and resource assessment. My research includes estimating carbon emissions due to forest disturbance, general growth and yield modeling, assessment of forest dependent wildlife habitat, and statistical support for projects involving black bear behavior, bat population trends due to white-nose syndrome, recovery of forest after emerald ash borer, and bird habitat relationships. This research and collaborations have led to several selected publications (below) or those under preparation:

* Granger, J. J., Zobel, J. M., and Buckley, D. 2017. Potential for regenerating major and minor ash species (Fraxinus spp.) following EAB infestation in the Eastern United States. *Forest Ecology and Management* 389:296-305.
* Zobel, J. M., Ek, A. R., and O'Hara, T. J. 2015. Quantifying the opportunity cost of extended rotation forestry with cohort yield metrics in Minnesota. *Forest Science* 61(6):1050-1057.
* Zobel, J. M., and Ek, A. R. 2014. The Wildlife Habitat Indicator for Native Genera and Species (WHINGS): Methodology and Application. Staff Paper Series No. 231. St. Paul, MN: University of Minnesota, Department of Forest Resources.
* Frelich, L. E., Ek, A. R., Zobel, J. M., and Page, K. 2013. Forest wildlife habitat description and data for Minnesota species. Staff Paper Series No. 219. St. Paul, MN: University of Minnesota, Department of Forest Resources.

**Organization Description**

For over 100 years, the Department of Forest Resources, University of Minnesota has been a leader in fundamental and applied research in natural resources within Minnesota, the Lake States, nationally, and internationally.