**Project Manager Qualifications and Organization Description**

**Project Manager: Marcella A. Windmuller-Campione**

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

**Professional Appointments and Preparation**

* Assistant Professor, Forest Resources, University of Minnesota, 2015 – present
* Ph.D., Ecology, Utah State University, 2015
* M.S. Forestry, Michigan Technological University, 2011
* B.S. Forestry minor in Ecology, *magna cum laude,* Michigan Technological University, 2009

**Areas of Expertise**

Silviculture, adaptive management, forest ecology, plant community dynamics forest regeneration and dynamics, invasive species dynamics. My research spans numerous forest ecosystems in North America and explores how both traditional and alternative silvicultural approaches can be used to increase forest resistance and resilience to current and future threats. Below are a few selected recent publications.

* Long, J., Windmuller-Campione, M., & DeRose, R. (2018). Building resistance and resilience: Regeneration should not be left to chance. *Forests*, *9*(5), 270.
* Windmuller-Campione, M. A. (2018). Assessing the future susceptibility of mountain pine beetle (Dendroctonus ponderosae) in the Great Lakes Region using forest composition and structural attributes. *Canadian Journal of Forest Research*, *48*(4), 451-459.
* Windmuller-Campione, M. A., Page, D. H., & Long, J. N. (2017). Does the Practice of Silviculture Build Resilience to the Spruce Beetle? A Case Study of Treated and Untreated Spruce-Fir Stands in Northern Utah. *Journal of Forestry*.

**Project Management Experience and Responsibilities for this Project**

As a new faculty member at the U of MN, I (Marcella Windmuller-Campione) have a background in using a holistic approach to solving complex forest management approach. I was part of an interdisciplinary team in Utah, exploring how forest managers could increase resistance and resilience of western ecosystems to an uncertain future. My work in Minnesota uses these same approaches to explore adaptive and alternative management strategies for forest communities in Minnesota. For this project, I will provide scientific leadership and serve as lead contact for this collaborative project. I will oversee and participate in all parts of this project to ensure the successful development of the expected outputs.

**Organization Description**

For over 100 years, the Department of Forest Resource at the University of Minnesota has been the leader in producing high quality research regarding natural resource management issues across the state of Minnesota.