

Experiment in Long-Term Ecosystem Productivity

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Summary

Through this experiment DNR and partners seek to evaluate the effects of harvesting, woody-debris retention levels, and plant species on tree and soil productivity; soil carbon, nutrients, and structure; and plant species diversity. The project initiated in 1995 with funding provided by PNW, Western Washington University, and DNR.

The study is replicated in 4 experimental sites across the Pacific NW: 1) Isolation Block site in the Willamette National Forest, Oregon; 2) Siskiyou site, Siskiyou National Forest, Oregon; 3) Hebo site, Siuslaw National Forest, Oregon; and 4) Sappho site, Olympic Experimental State Forest, Washington

The OESF installation (Figure 1) consists of 9 distinct treatments and control each replicated three times.

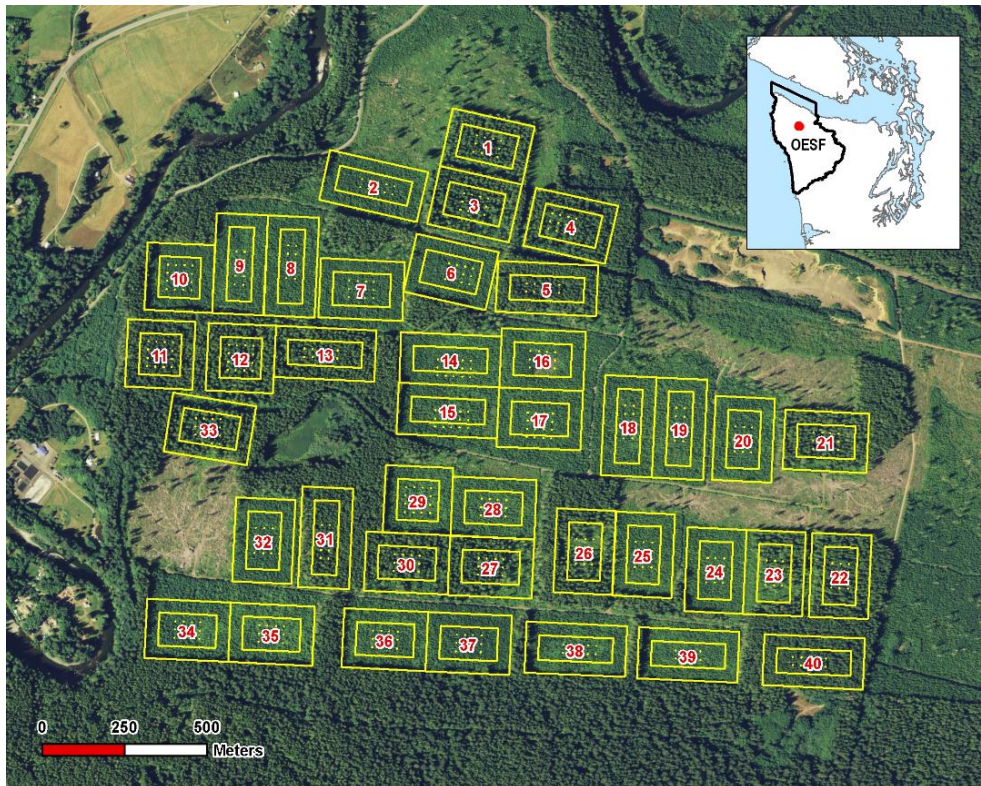


Figure 1. Experimental units in Sappho site, Olympic Experimental State Forest