

Learning Opportunities from Jackson Demonstration State Forest's Research and Demonstration Program

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The goal of this presentation is to inform symposium attendees of the ongoing demonstration projects as well as resources and data sets available from Jackson Demonstration State Forest (JDSF).

The Research and Demonstration Program provides a welcoming environment where potential researchers are free to submit proposals and ideas with minimal bureaucratic barriers to their success. The intensive research component of the Forest is complimented by the Demonstration program integrated in timber sales and other Forest operations. This presentation will provide details about how the demonstration program functions. The program's objective is to illustrate management techniques which provide examples, explanations, feasibility tests and potential components of larger experiments. They range in scale from operational examples such as a new method of installing erosion control structures, to creating landscape level stand structure elements associated with wildlife habitat, watershed processes and silvicultural studies. Additionally, formal research plots which have reached the end of their scientific life can become educational demonstration sites.

Among other topics, JDSF is currently demonstrating: feasible invasive weed management techniques, how vegetation management and varying site conditions effect conifer seedling survival, and uneven-aged silvicultural methods applicable to small landownerships within the coast redwood region. This poster will provide examples of demonstrations from the Forest.

Additionally, JDSF is a source of data and information for a wide range of individuals and groups. JDSF staff collects and stores data such as, the permanent inventory (CFI) plots that have been in place since 1959 and are re-measured every five years, making it available to any interested party. Information on the biotic and abiotic factors pertinent to JDSF is becoming more accessible and usable as spatial data becomes available. JDSF is continually collecting, collating and improving its geodatabases, allowing an expedited transfer of data and/or advice to any interested party. This poster will also provide examples of how the CFI and other JDSF data may be used.