

# Genetic Conservation of US Forest Trees Threatened by Invasive Insects and Pathogens

A Workshop

October 10-11, 2007

Location: Dorena Genetic Resource Center, Cottage Grove, Oregon  
([www.fs.fed.us/r6/dorena](http://www.fs.fed.us/r6/dorena))

**Workshop Goals:** Develop a Forest Service Action Plan for Genetic Conservation of US Forest Trees Threatened by Invasive Insects and Pathogens. The outputs from the workshop will include: (1) four species-specific action plans and (2) a general model that the Forest Service will use to write plans for other species.

**Need:** Non-native invasive insects and pathogens are causing high mortality in numerous tree species as well as large-scale disturbances in their associated ecosystems. In addition, climate change has and will continue to impact forest tree species directly and through interactions with these insects and pathogens. Genetic conservation efforts will be vital in maintaining, preserving and restoring the ecological functions of these systems on which human welfare depends for food, fiber and other life sustaining and quality of life resources.

**Workshop Participants:** A group of (approximately) 35 invited experts in plant genetics, forest pathology, and entomology from federal and state agencies and universities.

**Workshop Format:** A two-day workshop with invited talks, break-out sessions, and plenary discussions. Case studies and principles will be provided through invited presentations. Following an empirical approach, participants will work in smaller, parallel discussion groups to develop the components of an action plan for mitigating genetic impacts from invasive insects and pathogens. Reports in plenary sessions will serve to integrate responses from discussion groups and compare and contrast varying responses for different species-threat situations.

**RSVP requested:** We are limiting the workshop to no more than 35 invited participants. Please email your response to Richard Sniezko by **June 14<sup>th</sup>**

([rsniezko@fs.fed.us](mailto:rsniezko@fs.fed.us)).

**Invited participants are the key to the success of the workshop. Your participation is valued and essential to reaching the workshop goals. All participants should commit to staying for the entire workshop.**

**Questions?** Contact workshop organizers



**Workshop organizers:**

Rob Mangold ([rmangold@fs.fed.us](mailto:rmangold@fs.fed.us))

Deborah Rogers ([debrogers@ucdavis.edu](mailto:debrogers@ucdavis.edu))

Bob Karrfalt ([rkarrfalt@fs.fed.us](mailto:rkarrfalt@fs.fed.us))

Richard Sniezko ([rsniezko@fs.fed.us](mailto:rsniezko@fs.fed.us))