

SCOPE AND OBJECTIVES:

This IUFRO symposium is intended to provide a forum for exchange of ideas related to principles of nutrition in nursery seedlings and juvenile forest trees. Emphasis will be placed on the development of effective and environmentally sound technologies to optimize seedling quality and promote reforestation and forest restoration operations. The first day will focus on *Nutrition in the Nursery and at Field Establishment* and the second day will focus on *Juvenile Stand Nutrition*. The program is aimed toward an international audience of nursery and forest practitioners, scientists, and educators. Presentations will be of excellent scientific quality while also providing new, useful information which can be readily and widely applied to nursery and forest practices. Selected authors will be invited to prepare a paper for the symposium proceedings to be published in a special issue of the international journal, *New Forests*.

ORGANIZERS:

The symposium is being organized by Western Forestry and Conservation Association, Purdue University, and USDA Forest Service with support from IUFRO divisions 1.01.03 (Temperate Forest Regeneration), 1.06.00 (Restoration of Degraded Sites), and 3.02.00 (Stand Establishment and Treatment).

INVITED SPEAKERS and TOPICS:

- | | |
|-------------------------|--|
| ▪ Barbara Hawkins | <i>Influence of species and soil temperature on N-form preference and uptake</i> |
| ▪ Simon Landhauser | <i>The role of carbon reserves in seedling nutrition and stress tolerance</i> |
| ▪ Juan Oliet | <i>Seedling nutrient loading to improve planting success: A Mediterranean perspective</i> |
| ▪ Pedro Villar-Salvador | <i>Nursery fertilization of oaks: consequences for plant quality and outplanting performance</i> |
| ▪ Joshua Sloan | <i>Improved fertilizer use efficiency and growth of tree seedlings on reclaimed oil sands</i> |
| ▪ Jordi Cortina | <i>The role of nutrients for improving seedling quality in drylands</i> |
| ▪ Tom Fox | <i>Juvenile fertilization of loblolly pine plantations</i> |
| ▪ Leonardo Gonçalves | <i>Nutrition and fertilization of short-rotation eucalypt plantations of high productivity</i> |
| ▪ Cindy Prescott | <i>Nutrition of cedar and hemlock plantations in coastal BC</i> |
| ▪ Shucai Zeng | <i>Comparison of soil properties under plantations and natural forests in South China</i> |
| ▪ Rob Harrison | <i>Nutrition management of Pacific Northwest Douglas-fir plantations</i> |
| ▪ Owen Burney | <i>The role of seedling nutrition on ungulate herbivory patterns</i> |
| ▪ John Turner | <i>Site specific management and inter-rotational productivity of radiata pine</i> |

CALL FOR PRESENTERS:

If you would like to participate in this event with a presentation or poster, please send an abstract (max. 300 words including title, authors and affiliations) to DLHaase@fs.fed.us by July 1, 2012.

REGISTRATION:

The full agenda and registration details will be available at: www.westernforestry.org