



FIRST CALL

IUFRO 2010 JOINT CONFERENCE

**Conserving and Enhancing Productivity of Forests
in the Genomics Era
March 8-12, 2010 – Kuala Lumpur, Malaysia**



Forests host most of the world's terrestrial biodiversity and are important for industries as well as billions of rural people. In addition to wood and non-wood products, forests also provide foods that supplement what is obtained from agriculture, thus increasing food security. In the fast developing Asia Pacific region, tropical forests and forest genetic resources are threatened by deforestation, forest fragmentation and habitat degradation as a result of unsustainable harvesting of forest products and the conversion of forests to other land uses. This conference will showcase advances in genomics and genetics research for forest species with emphasis on tropical forest species for sustainable management and utilisation. It will bring together molecular, population, ecological, conservation and quantitative geneticists, managers and professional foresters to exchange the latest information and technologies and strengthen collaboration.

This is a joint conference of IUFRO Working Parties 2.04.01 (Population, ecological and conservation genetics) and 2.04.10 (Genomics) held once every 2 years. The previous joint meeting at Quebec, Canada in August 2008

attracted 250 participants from 25 countries. This meeting will be hosted by the National University of Malaysia (UKM) and the Forest Research Institute Malaysia (FRIM) and their partners. The conference includes invited and contributed presentations and posters, discussion sessions, satellite and business meetings, a pre-conference workshop, an in-conference tour and post-conference tours upon requests. The organizing committee is identifying potential sponsors to facilitate deserving participants from developing countries to attend this meeting, first time to be held in an Asian country.

Objectives:

1. To provide a platform for exchange of ideas and information amongst researchers and practitioners in forest genetics, breeding and conservation.
2. To discuss and evaluate the latest approaches and techniques in forest genetics research and management of forest genetic resources.
3. To promote international co-operation and networking amongst practitioners and researchers involved in forest genetics, breeding and conservation.

Sub-themes and Conference topics:

Conservation of forest genetic resources

- Phylogeny and Phylogeography
- Population Structure and Conservation
- Mating Systems, Gene Flow and Population Variation
- Genetic pollution and invasive species

Sustainable utilisation of forest genetic resources

- Gene Expression, Markers and QTL Mapping
- Linkage Disequilibrium and Association Mapping
- Quantitative Genetics and Breeding
- Adaptive genetics and climate change

To be included in mailing list for updates on conference, please contact:

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