



Session: **Integrative approaches to improve sustainable forest management under climate change**
Date: **Wednesday, 9 September, 12:45 – 14:15**
Venue: **Hall 1A**

Description

The appropriate management of existing forests and the planning of new plantations are critical to sustainable development and to the adaptation of forest ecosystems to climate change. However, a continuing lack of knowledge means that there is considerable uncertainty over the best management approaches to enable forests and forest-dependent communities to adapt to climate change. To address these knowledge gaps, the project Adaptation of Asia-Pacific Forests to Climate Change and the IUFRO Working Party 4.04.08 have brought together scientists, government officials, forest managers, and local communities to develop essential tools and frameworks to better facilitate climate change adaptation. This international collaborative project Adaptation of Asia-Pacific Forests to Climate Change has produced extensive scientific knowledge on tree species, ecosystems, and current and future climate impacts in the Asia-Pacific region, as well as increased scientific capacity through cutting-edge models and tools for local predicted climate change scenarios, forest adaptation strategies, and ecosystem dynamics. This work will facilitate and promote the study of climate change in the region, allowing the identified lack in science, technology, and policy with respect to adapting forests to climate change to continue to be addressed. Several renowned researchers will present on their area of expertise. The topics to be covered include: 1. Policies for sustainable forest management under climate change. 2. Applications of high-resolution climate models for improved forest management. 3. Techniques for conducting trade-off analysis of management strategies. 4. Tools to manage carbon storage under climate change. 5. Improving watershed and landscape level forest management under climate change.

Convening organizations

APFNet Asia-Pacific Network for Sustainable Forest Management and Rehabilitation

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Event documents

Session Agenda (472.8 kB)

Event URL

<http://asiapacific.forestry.ubc.ca>