



## Registration

In order to register for the 23rd IUFRO meeting for specialists in air pollution effects on forest ecosystems, taking place in Murten, Switzerland on 7-12 September 2008, we ask you to fill out the electronic registration form at [www.wsl.ch/iufro\\_ch\\_2008](http://www.wsl.ch/iufro_ch_2008).

The deadline for abstract submission is **30 March 2008**.

The deadline for final registration is **30 June 2008**.

## Air Pollution and Climate Change at Contrasting Altitude and Latitude

23rd IUFRO Conference for Specialists in Air Pollution Effects on Forest Ecosystems

7 – 12 September 2008 in Murten, Switzerland





## Rationale

The focus of the conference is on impacts and interactions of air pollutants and climate change on the tree performance across latitudinal and altitudinal ranges. In particular, the regional specificities of tree and ecosystem responsiveness to anthropogenic stressors such as elevated CO<sub>2</sub> and O<sub>3</sub> regimes, enhanced nitrogen deposition and scenarios of climate change, as represented through altered seasonal temperature and moisture regimes will be emphasized. The overall aim of the conference is the advancement in risk assessment: which are the consequences for carbon sink strength in respect to the post-Kyoto policies? How are strategies such as the critical levels concept in risk assessment to be defined and evaluated by exposure versus dose-related approaches of stress diagnosis? How realistic are potentials towards process-based, i.e. mechanistic concepts for risk assessment? In respect to the above questions the state of art will be highlighted. The outcome of the conference will provide a cause-effect related basis for environmental policy making.

## Program

- Mechanisms of action and indicator development
- Atmospheric deposition, soils and nutrient cycles
- IUFRO-, ICP-Forests- and NAFC-joint session on concept and application of critical loads for forests
- Integrated effects of multiple stressors
- Genetic aspects
- Detection, monitoring and evaluation
- Risk assessment and modeling



## Guest speakers

- Prof. Martin Beniston, University of Geneva, CH
- Prof. Rainer Matyssek, Technical University Munich, DE
- Prof. Christian Körner, University of Basel, CH
- Dr. Martin Lorenz, ICP-Forests, BFH, DE
- Dr. Steve McNulty, NAFC, USDA Forest Service, NC, USA
- Dr. Nancy Grulke, USDA Forest Service, CA, USA
- Prof. Gail Taylor, University of Southampton, UK
- PD Dr. Werner Eugster, ETH Zuerich, CH
- Dr. Peter Thornton, National Center for Atmospheric Research, CO, USA

## Excursions

- Historical city of Murten
- High Altitude Research Station Jungfrauoch at 3450 m a.s.l.
- Scots Pine decline research site in the Wallis

## Committee

- Prof. Rainer Matyssek, Technical University Munich, DE
- Dr. Marcus Schaub, Swiss Federal Research Institute WSL, CH
- PD Dr. Gerhard Wieser, Research and Training Centre BFW, AT
- Dr. Elena Paoletti, Institute of Plant Protection, National Council of Research, IT

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