

## ClimTree 2013

International Conference  
Climate Change and Tree Responses in Central European Forests

Zurich (Switzerland), 1 – 5 September 2013



Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

Swiss Confederation

Federal Office for the Environment FOEN



### Second Circular - 4 March 2013

#### Welcome

Zurich invites you to the ClimTree 2013 conference in early September of this year. In total, 8 keynotes and 12 introductory talks across 12 sessions will frame this conference, which aims to present state-of-the-art research regarding direct (physical environment) and indirect effects (interspecific interactions) of Climate Change (CC) on the performance of trees and forest ecosystems in Central Europe.

#### Location

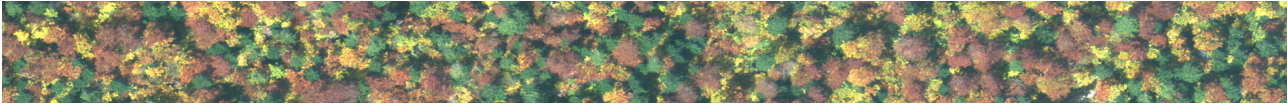
The ClimTree 2013 conference will take place at the Swiss Federal Institute of Technology (ETH Zurich) in central Zurich, Switzerland. Zurich is easily accessible via public transport (plane, railway) from many international locations. As the largest city of Switzerland, Zurich has a population of 392'000, and, with a location on the shores of Lake Zurich, offers superb views of the Swiss Alps. Weather in early September is typically warm with little rainfall. For more details, see <http://en.wikipedia.org/wiki/Zurich>.

#### Schedule

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1 Sep 13	Pre-conference excursion E1 Davos, canton Grison (Switzerland), 8 am to 6 pm <i>Effects of climate and global change at the treeline ecotone, Dischma valley; guided by Peter Bebi, WSL-SLF Davos, Switzerland (walks uphill 500 m and downhill 500 m)</i> E2 Visp and Leuk, canton Valais (Switzerland), 7 am to 6 pm Effects of climate change to Scots pine forests; experiments and long-term monitoring sites; guided by Andreas Rigling, WSL Birmensdorf, Switzerland Registration & icebreaker, starting at 6 pm
2 Sep 13	Keynotes, oral sessions, poster sessions
3 Sep 13	Keynotes, oral sessions, poster sessions Social dinner, starting at 7 pm
4 Sep 13	Keynotes, oral sessions, poster sessions Wine & Climate Change party, starting at 7 pm Wine tasting at the lake of Zurich
5 Sep 13	Post-conference excursions E3 Davos, canton Grison (Switzerland), 8 am to 6 pm <i>Effects of climate and global change at treeline ecotone, Dischma valley; guided by Peter Bebi, WSL-SLF Davos, Switzerland (downhill walk 800 m)</i> E4 Visp and Leuk, canton Valais (Switzerland), 7 am to 6 pm Effects of climate change to Scots pine forests; experiments and long-term monitoring sites; guided by Andreas Rigling & Tom Wohlgemuth, WSL Birmensdorf, Switzerland

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## Fees

Conference fee: Including icebreaker, coffee breaks, conference booklet.

Early birds (before 1 July 2013): CHF 250 / students CHF 150

Regulars (1 July - 1 August 2013): CHF 300 / students CHF 200

Social dinner, 3 Sep: CHF 60 to 90

Wine & Climate Change party, 4 Sep: CHF 60

Pre-conference excursions, 1 Sep

E1 Treeline effects, Davos: CHF 50

E2 Drought effects, Valais: CHF 50

Post-conference excursion, 5 Sep

E3 Treeline effects, Davos: CHF 50

E4 Drought effects, Valais: CHF 50

## Accommodation

A wide range of hotels (<http://cms.wsl.ch/climtree2013/accomodation/>) will be available for conference attendees. Coffee and snacks during breaks are included in the conference fee, and close-by university canteens serve cheap lunch meals. Zurich is one of the most liveable cities in the world, and therefore living costs are high. We will try to keep conference fees as low as possible, but point of fact, food and drink prices, in particular, are expensive.

## Keynote speakers

N.N. *Projections of future changes in climate of Central Europe*, Switzerland

Rolf Manser, Federal Office for the Environment, Bern, Switzerland

Craig Allen, U.S. Geological Survey, Los Alamos, NM, USA

Harald Bugmann, ETH Zürich, Switzerland

Charles D. Canham, Cary Inst Ecosyst Studies, Millbrook, NY, USA

Dave Frank, WSL Birmensdorf, Switzerland

Lorena Gómez-Aparicio, CSIC Seville, Spain

Heinz Rennenberg, Univ. Freiburg i.Br., Germany

## Sessions

Sessions will last 3 hours and consist of one invited introductory talk (30 minutes), and 6 to 7 contributed talks (20 minutes). For abstract submission please register for an account first (<http://conf.cms.wsl.ch/climtree/>) and follow the link 'Your abstract submissions'. A participant may only submit one abstract as first author (one author rule). The following sessions and introductory talks are defined by various chairs (see session abstracts at <http://www.climtree2013.org>)

### 1 Disturbance and CC: Climate sensitivity of natural disturbance regimes

*Chairs: Rupert Seidl (Boku Vienna, Austria), Miroslav Svoboda (Univ. Prague, Czech Republic), Frank Krumm (EFICIENT-OEF, Germany), Marco Conedera (WSL Bellinzona, Switzerland)*

Introductory talk: Barry Gardiner, INRA Villenave D'Ornon, France

### 2 Disturbance and CC: Addressing intensifying disturbance regimes in forest management

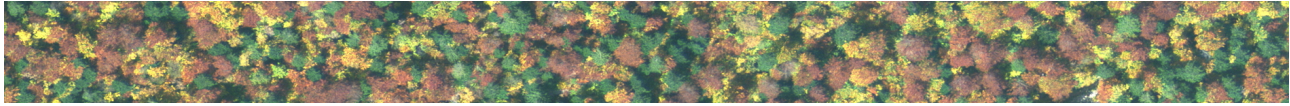
*Chairs: Rupert Seidl (Boku Vienna, Austria), Miroslav Svoboda (Univ. Prague, Czech Republic), Frank Krumm (EFICIENT-OEF, Germany), Marco Conedera (WSL Bellinzona, Switzerland)*

Introductory talk: Rupert Seidl, Boku Vienna, Austria

### 3 Responses of tree roots (including mycorrhizas) to climate change

*Chair: Ivano Brunner (WSL Birmensdorf, Switzerland)*

Introductory talk: Douglas L. Godbold (Boku Vienna, Austria)



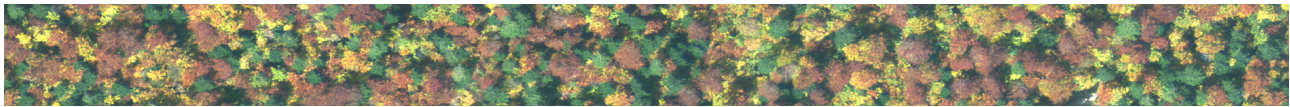
- 4 Sensitivity and resilience of mixed forests to CC  
*Chairs: Damian Bonal (UMR EEF - INRA Nancy, France) & Michael Scherer-Lorenzen (Univ. Freiburg, Germany)*  
Introductory talk: David Coomes, Univ. Cambridge, UK
- 5 Phenology and CC  
*Chairs: Nicola Estrella (Technische Univ. München, Germany) & Yann Vitasse (Univ. Basel, Switzerland)*  
Introductory talk: Elizabeth M. Wolkovich, Univ. British Columbia, Vancouver BC, Canada
- 6 Impacts of drought on tree growth and vulnerability  
*Chairs: Heinrich Spiecker (Univ. Freiburg, Germany) & Harri Mäkinen (METLA Finland)*  
Introductory talk: Heinrich Spiecker, Univ. Freiburg, Germany
- 7 Drought-induced tree mortality – patterns, processes and mechanisms  
*Chairs: Andreas Rigling (WSL Birmensdorf, Switzerland) & Günter Hoch (Univ. Basel, Switzerland)*  
Introductory talk: Jordi Martínez-Vilalta, Univ. Barcelona, Spain
- 8 Frontiers in dendroclimatology and -ecology  
*Chairs: Ulf Büntgen (WSL Birmensdorf, Switzerland) & Jesús Julio Camarero Martínez (CSIC Zaragoza, Spain)*  
Introductory talk: Ulf Büntgen, WSL Birmensdorf, Switzerland
- 9 Impact of CC on demographic changes and species ranges  
*Chairs: Niklaus E. Zimmermann (WSL Birmensdorf, Switzerland) & Marc Hanewinkel (WSL Birmensdorf, Switzerland)*  
Introductory talk: Louis Iverson, USDA Forest Service Delaware, OH, USA
- 10 Adaptability of tree species to CC (phenotypic plasticity, genotypic variation)  
*Chairs: Jürgen Kreyling (Univ. Bayreuth, Germany) & Thomas Wohlgemuth (WSL Birmensdorf, Switzerland)*  
Introductory talk: Greg O'Neill, BC Ministry of Forests and Range, Vernon BC, Canada
- 11 Adapted forest management  
*Chairs: Konstantin von Teuffel (FVA Freiburg, Germany) & Peter Brang (WSL Birmensdorf, Switzerland)*  
Introductory talk: Manfred Lexer, Boku Vienna, Austria
- 12 Challenges in forest biodiversity conservation under CC  
*Chairs: Veronika Braunisch (FVA Freiburg, Germany), Rudi Suchant (FVA Freiburg, Germany), Raphaël Arlettaz (Univ. Bern, Switzerland)*  
Introductory talk: to be defined
- 13 Tree vulnerability to pests in relation to CC  
*Chairs: Andrea Battisti (Univ. Padua, Italy), Alain Roques (INRA, Orléans, France)*  
Introductory talk: Matt Ayres, Dartmouth College, Hanover NH, USA

## Call for abstracts

We invite submission of abstracts for contributed oral and poster presentations. Abstract submission is possible only for registered participants (<http://conf.wsl.ch/climtree>). The abstract must be submitted electronically until April 20, 2013.

## Deadlines & Dates

- 1 Mar 13 Call for papers starts  
Registration with reduced fee starts
- 20 Apr 13 Abstract submission ends
- 1 Jun 13 Decision on talks and posters
- 20 Jun 13 Deadline for submissions of revised abstracts
- 1 Jul 13 Registration with full fee starts
- 1 Aug 13 Registration with full fee ends



## **Organizing team**

Thomas Wohlgemuth, WSL Birmensdorf, Switzerland (head)  
Peter Bebi, WSL-SLF Davos, Switzerland  
Harald Bugmann, ETH Zürich, Switzerland  
Kathrin Priewasser, WSL Birmensdorf, Switzerland  
Susanne Raschle, WSL Birmensdorf, Switzerland  
Cyrille Rathgeber, LERFoB, Nancy, France  
Andreas Rigling, WSL Birmensdorf, Switzerland  
Andreas Schuck, EFICIENT-OEF, Freiburg i.Br., International  
Heinrich Spiecker, Univ. Freiburg i.Br., Germany

## **Scientific Advisory Board**

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Cyrille Rathgeber, LERFoB, Nancy, France  
Andreas Rigling, WSL Birmensdorf, Switzerland  
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Michael Scherer-Lorenzen, Univ. Freiburg, Germany  
Rupert Seidl, Boku Vienna, Austria  
Heinrich Spiecker, Univ. Freiburg, Germany  
Rudi Suchant, FVA Freiburg, Germany  
Miroslav Svoboda, Univ. Prague, Czech Republic  
Konstantin v. Teuffel, FVA Freiburg, Germany  
Yann Vitasse, Univ. Basel, Switzerland  
Thomas Wohlgemuth, WSL Birmensdorf, Switzerland  
Niklaus E. Zimmermann, WSL Birmensdorf, Switzerland

## **Registration**

Use the following link for registration, abstract submission and payment:  
<http://conf.wsl.ch/climtree>

## **Contact**

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