

ClimTree 2013

International Conference Climate Change and Tree Responses in Central European Forests

Zurich (Switzerland), 1 – 5 September 2013

















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

1 Sep 13	Pre-conference excursion
1 000 10	E1 Davos, canton Grison (Switzerland), 8 am to 6 pm 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) 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 Effects of climate and global change at treeline ecotone, Dischma valley; guided by Peter Bebi, WSL-SLF Davos, Switzerland (downhill walk 800 m) 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



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./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
 (EFICENT-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 (EFICENT-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 Mäkkinen (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, Switzelrand

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 Freibug, 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, EFICENT-OEF, Freiburg i.Br., International
Heinrich Spiecker, Univ. Freiburg i.Br., Germany

Scientific Advisory Board

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Registration

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

Contact

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