"Increasing biodiversity to promote adaptation and resilience of European forests by using close to nature forestry"

Workshop Integrate Network in Zürich, 2nd – 4th June 2025

Monday 2nd June, afternoon session: Adaptive silviculture, forest restoration and maintaining capacities

ETH Hönggerberg, HIL E3

From 12.00 Registration

13.00 Welcome Message (BAFU-ETHZ-WSL)

13.15-14.00 Keynote 1 : **Jürgen Bauhus**, University of Freiburg, Integrated Forest Management, project Transformit

14.00-14.45 Keynote 2 : Verena Griess, ETH Zürich, H2020 Richforests: "Economic benefits of ecologically driven decisions – How biodiversity pays"
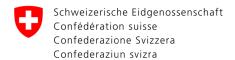
14.45-15.15 Pause with coffee and refreshment

15.15-16.00 Keynote 3 : Pascale Weber ZH Concept and measures of biodiversity promotion, The Case of the Canton Zürich

16.00-17.00 Workshops (in 3 rooms, with an introduction, followed by an exchange of experiences and points of view)

1. Adaptive silviculture: How can close-to-nature forestry be adapted for adapting forests?
2. Forest restoration in a climate-change context
3. Maintaining forest ecosystem services when converting or transforming forest stands

17.10-17.40 Summary of the 3 workshops

19.30-22.00 Official dinner in Zürich ETH Zentrum Dozentenfoyer (optional)

08.15 Meeting Point ETH-Hönggerberg bus-station

Walk to forest entrance

08.30-12.00 / 13.30-17.00 Outdoor session in the forest of Zurich Forest Laboratory (Hönggerberg)

"A cruise through integrative management topics in the Zurich Forest Laboratory"

4 groups, 2 tours/person, according to prior registration

Tour 1: Forestlabs as interface between researchers, practitioners and public

1. Zurich Forest Laboratory, Martin Brülhardt

2. Waldlabor Oberrhein, Baden-Würtemberg, Anja Bindewald

3. SwissForestLab (Arthur Gessler und Julia Born WSL)

Tour 2: Testing today species and provenances for tomorrow

1. Swiss common garden network of future tree species, Kathrin Streit and Julia Schwarz WSL

2. MyGardenOfTrees: forester citizens test future provenances of Fagus and Abies across Europe, Katalin Csilléry WSL, Daniel Dahmen, forester

3. Test planting of submediterranean oakspecies, Andreas Rudow ETHZ

Tour 3: Zurich Forest Laboratory as platform for various applied research projects

1. Pro Silva Schweiz und Dauerwald Fläche AFI : Stephan Hatt

2. Wald und Wildhuftiere im Waldlabor Zürich, Andrea D. Kupferschmid WSL

3. Water movement through the forest water cycle, Marius Floriancic ETHZ

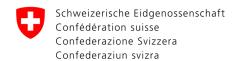**Tour 4: Marteloscope exercise: how to naturally regenerate climate-fit tree species**

In collaboration with the Silviculture centre, Pascal Junod, and HAFL, Manuel Kurth, practical exercise on a marteloscope for adaptive silviculture, biodiversity, and urban challenges (landscape management, security…).

Practical exercise in a marteloscope for adaptation of irregular stands (Pascal Junod CCS, Manuel Kurth HAFL, Christian Rosset HAFL)

12.15-13.15 Lunch at Alumni Lounge

By very stormy weather, inside programm at ETH Hönggerberg

Evening: social get-together event with EFUF (European Forum on Urban Forestry) (optional)

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

ETHzürich

WSL & Integrate Network

facilitated by EFI

Wednesday 4th June: Resilient and healthy environments: Challenges and opportunities between urban forestry and close-to-nature forestry

EFUF European Forum on Urban Forestry

In collaboration with European Forum on Urban Forestry

Morning session: Common session Integrate Network and European Forum on Urban Forestry EFUF: *Connections, synergies and limitations between urban forestry and close to nature forestry*

Climate change and forest-services: avoiding service breakdowns and create synergies between different services

Common with EFUF: HG F1 (Auditorium Maximum) ETH-Zentrum

09.00-09.25 Welcome and introduction: brief presentation EFUF (Clive Davies) und Integrate Network (Chairman Jonathan?), + Stadt Zürich (25')

09.30-10.15 Keynote 1 Gert-Jan Nabuurs, University of Wageningen; Chairman of the EFI network on (Climate-Smart Forestry); SUPERB, und/oder RESONATE and forest restoration

10.15-10.45 Keynote 2 Harald Bugmann, ETH Zürich, H2020 Rewilding

10.45.11.15 **Pause with coffee and refreshment**

11.15-12.00 Keynote 3: Grün Stadt Zürich: Perspective from the city…

12.00-12.15 Conclusion: Managing the interface between urban forestry and close to nature forestry

End of Integrate Network workshop

12.30-13.30 Lunch at ETH-Mensa (optional)