

## Workshop TOADAPT - Identifying indicators of forest adaptive capacity to disturbances from a social-ecological perspective

### Objectives:

- To identify indicators of adaptive capacity to forest disturbances in Europe (wildfires, insect-outbreaks, windthrows). Adaptive capacity is understood as the ability to maintain or modify forest properties to preserve functions and services after disturbances. Indicators can be from the ecological and the socio-economic perspectives.
- To establish how these indicators influence adaptive capacity, i.e., building metrics or functions, considering factors such as ecological thresholds or statistical distributions.

**Expected output:** synthesis paper on *adaptive capacity to address forest disturbances in Europe* (planned submission: end 2025).

**Date and time:** from April 23 (9:00) to April 24 (17:00)

**Venue:** Technical University of Munich, Department of Life Science Systems, Chair for Ecosystem Dynamics & Forest Management, Freising, Germany (<https://www.lss.ls.tum.de/edfm/startseite/>) (rooms to be confirmed)

### Agenda

WEDNESDAY 23.04.25 FROM 9:00 TO 18:00 CET	
9:00 - 10:30	Introduction to the TOADAPT project, the workshop and the participants
10:30 - 11:00	Coffee break
11:00 - 12:30	Identifying indicators of social-ecological forest adaptive capacity (breakout groups)
12:30 - 13:30	Lunch - selection of appetizers and finger food
13:30 - 15:00	Identifying indicators of social-ecological forest adaptive capacity (breakout groups)
15:00 - 15:30	Coffee break
15:30 - 17:00	Identifying databases from Europe, and from the Mediterranean, Temperate and Boreal climates (breakout groups)
17:00 - 18:00	Identifying the top indicators of adaptive capacity (open discussion)
	Joint dinner (optional)

WEDNESDAY 24.04.25 FROM 9:00 TO 17:00 CET	
9:00 - 9:30	Summary of day 1
9:30 - 10:30	Establishing relationships of the top indicators to adaptive capacity (breakout groups)
10:30 - 11:00	Coffee break
11:00 - 12:30	Establishing relationships of the top indicators to adaptive capacity (breakout groups)

12:30 - 13:30	Lunch - selection of appetizers and finger food
13:30 - 15:00	Establishing relationships of the top indicators to adaptive capacity (breakout groups)
15:00 - 15:30	Coffee break
15:30 - 17:00	Towards a composite indicator of Adaptive Capacity. Open discussion – next steps
	Joint dinner (optional)

## Participants

Name	Institution
Lluís Coll	University of Lleida (Spain)
Sabrina Dressel	Wageningen University & Research (the Netherlands)
Tomáš Hlásny	Czech University of Life Sciences Prague (Czechia)
Juha Honkaniemi	Natural Resources Institute Finland Luke (Finland)
Chandra Krishnamurthy	Swedish University of Agricultural Sciences, Department of Forest Economics (Sweden)
Marcus Lindner	European Forest Institute, Resilience Programme (Germany)
Francisco Lloret	Autonomous University of Barcelona; CREAF (Spain)
Teresa Lopez-Andujar Fustel	Swedish University of Agricultural Science, Department of Forest Resource Management (Sweden)
James D.A. Millington	King's College London, Department of Geography (UK)
Miríam Piqué/Lena Vilà-Vilardell	Forest Science and Technology Centre of Catalonia (Spain)
Maria Potterf	Czech University of Life Sciences Prague (Czechia)
Adrián Regos	Spanish National Research Council, Biological Mission of Galicia (Spain)
Rupert Seidl	Technical University of Munich; Berchtesgaden National Park (Germany)
Metodi Sotirov	University of Freiburg, Forest and Environmental Policy (Germany)
Ana Stritih	University of Freiburg, Faculty of Environment and Natural Resources (Germany)
Maria Triviño	University of Jyväskylä (Finland)
Elsa Varela	Spanish National Research Council (Spain)
Alba Viana-Soto	Technical University of Munich (Germany)