

FIRE IN CENTRAL EUROPEAN ECOSYSTEMS

6–8 October 2025, Děčín, Czech Republic



SUNDAY 5 October

19:00 Ice-breaker drinks at restaurant Kapitán (self-paid)

MONDAY 6 October

7:00–9:00 Registration

9:00–9:15 Welcome words

9:15–9:45 Keynote 1

Petr Kříž

Bohemian Switzerland National Park – A landscape of natural processes and changes

9:45–10:45 Session 1: Wildfire behaviour

Chairs: Matthias Forkel, Jana Müllerová

9:45 Matthias Forkel

Cross-boundary assessment, communication and management of wildfire risks in Central Europe

10:00 Katrin Kuhn

Wildfire behaviour simulation for Central European forests – A comparison of model performances

10:15 Miroslav Svoboda

Forest fires in Central Europe from a forest management perspective

10:30 Jana Müllerová

Wildfire in Bohemian Switzerland through the lens of remote sensing – causes and consequences

10:45–11:15 *Coffee Break*

11:15–11:45 Keynote 2

Orsolya Valkó

Living with Fire: Policy Recommendations from the EASAC Report on Changing Wildfires in Europe

11:45–13:00 Session 2: Drivers of wildfire risk

Chair: Jan Pergl

11:45 Francesco Pirotti

Mapping and validating fuel models using remote sensing and local data in Central Europe

12:00 Erico Kutchartt

A web-GIS tool to support forest fire risk management at pan-European scale

12:15 Mariana Silva Andrade

Comparing standard and custom fuel models for fire behavior prediction in Austria

12:30 Johanna Kranz

Assessing predictors for dead and live fuel moisture content in Central European forests

12:45 Louis Georgi

Vegetation fire management in a large protected area in Germany – the example of Saxon Switzerland National Park region

13:00–14:15 *Lunch*

14:15–15:30 Session 3: Fire on grasslands

Chair: Ondřej Sedláček

14:15	Robert Stejskal	The use of prescribed burning in the management of dry grasslands in the Podyjí National Park
14:30	Jiří Kmet	Practical experience with the use of fire as a management measure in the Pálava Protected Landscape Area
14:45	Tomáš Hamřík	Promoting predatory arthropod diversity through fire and vegetation heterogeneity in dry grasslands
15:00	Balázs Deák	The legacy of wildfires: Grassland vegetation recovery in burned grasslands and differently managed firebreaks
15:15	Jan Hora	The influence of fuel species composition and calorific value on modeled fire behavior: a case study from the Brdy Protected Landscape Area

15:30–16:00 Coffee break

16:00–17:30 Session 4: Fire effects on abiotic systems

Chairs: Jakub Hruška, Vojtěch Lanta

16:00	Jakub Hruška	Chemistry of surface runoff in the Suchá Bělá catchment – Acidification induced by post–fire mineralization of soil nitrogen
16:15	David Zumr	Post–fire hydrological regime and runoff modelling in the Suchá Bělá catchment
16:30	Tomáš Weiss	Effect of fire on water regime
16:45	Michal Filippi	Effects of wildfire on sandstone outcrops, Bohemian Switzerland NP
17:00	Vojtěch Lanta	Large forest fire in temperate Europe: postfire patterns in soil nutrients and microorganismal assemblages
17:15	Zuzana Chlumská	Plant colonisation, soil nutrient patterns and microclimate after a large forest fire in temperate Central Europe

19:00–22:00 Dinner at restaurant Athina (self–paid)

TUESDAY 7 October

8:00–9:00 Registration

9:00–9:30 Keynote 3

Ondřej Sedláček

Burn it! Fire as a tool to solve environmental problems

9:30–10:45 Session 5: Forest fire effects on biodiversity

Chair: Alena Sucháčková

9:30 Alena Sucháčková

Multi-taxa response to the wildfire in the Bohemian Switzerland NP in beech and pine forests

9:45 Gioele Moro

Impact of fire on flying insects and soil arthropods: Insights from fire-adapted and fire-sensitive forests across the temperate and subtropical region

10:00 Alexander Karich

Fungal succession after forest fires in Saxony

10:15 Elisabetta Belli

Long-term fire impact on soil fungal assemblages in a Mediterranean forest: a metabarcoding approach [ONLINE]

10:30 Cathrina Balthasar

Moths as indicators for ecosystem changes after forest fires in Eastern Germany [ONLINE]

10:45–11:15 Coffee break

11:15–12:30 Session 6: Fire effects on soil fauna and microbiome

Chairs: Miloslav Devetter, Veronika Jílková

11:15 Miloslav Devetter

Soil fauna in wildfires: recovery from hot events through a long-time perspective

11:30 Lenka Mészárošová

Wildfire effects on forest soil microbiome: Short-term dynamics and long-term implications

11:45 Adam Bernard

The effect of varying fire severity on oribatid mites in a beech forest

12:00 Daniel Dusík

Development of the enchytraeid assemblage (Annelida: Clitellata: Enchytraeidae) after the 2022 large-scale wildfire in the Bohemian Switzerland National Park (Czechia) – preliminary results

12:15 Jitka Farská

A three-year study of oribatid mites suffering double disturbance: bark beetle attack followed by forest fire

12:30–13:30 Lunch

13:30–15:00 Session 7: Forest fire and vegetation

Chair: Martin Adámek

13:30	Martin Adámek	Effect of forest stand composition on fire severity and post-fire vegetation development
13:45	Jan Holík	Topographic conditions dominate tree species recovery over 15 years post-fire in a temperate <i>Pinus sylvestris</i> forest
14:00	Davide Ascoli	The fire ecology of the European beech: 15 years of research
14:15	Igor Drobyshev	Fire in oak forests: from historical reconstructions of fire regimes to understanding physics and physiology of ecosystem responses to fire
14:30	Thilo Heinken	Drivers of plant recolonisation after large wildfires in NE German pine forests – lessons from the PYROPHOB project
14:45	Jan Pergl	Plan invasions on the burned area in the Bohemian Switzerland National Park

15:00–16:00 *Poster session with coffee*

16:00–17:00 Plenary talk

Anders Granström Fire in the boreal European forest. Can the past fire regime be safely implemented in nature reserves?

19:00–22:00 *Dinner at restaurant Kocanda (self-paid)*

WEDNESDAY 8 October

8:30–16:00 Excursion to the post-fire area of the Bohemian Switzerland National Park

The event is held under the auspices of the Minister of the Environment Petr Hladík.

This project is co-financed from the state budget by the Technology agency of the Czech Republic and the Ministry of the Environment of the Czech Republic under the Environment for Life Programme.

Integrated LIFE project for the Natura 2000 network in the Czech Republic, called One Nature (LIFE-IP: N2K Revisited, LIFE17 IPE/CZ/000005), supported by EU funding instrument, the LIFE programme.

