

PEN-CAFoRR Final Conference

PROGRAM

September 04-05, 2024

Faculty of Forestry University of Belgrade
Kneza Višeslava 1, Belgrade, Serbia



September 4th

08:30 Registration desk opening

09:00 MC meeting - participant registration

10:00 Welcoming speech - Opening ceremony

10:15 **Vladan Ivetić**

10:30 **Barbara Mariotti**

10:45 **Angelo Basteris**

11:00 Coffee break

11:15 John Stanturf - Passive to active: The new terms for regenerating forests

11:45 **Gençay and Birben** - Towards climate smart forestry: Türkiye's legislation and practices

12:00 **Csilléry et al.** - Citizen science and distributed experiments: a novel approach to inform assisted migration decision-making

12:15 **Dafku and Hoxha** - Evaluation of local community perception for the reservation of forest ecosystem services: Case study: Korab Koritnik national park

12:30 **Gençay and Birben** - Aligning Turkish forestry with climate-smart forestry principles: A criteria-based analysis

12:45 **Simon Place** - UK woodland establishment: Techniques and hurdles

13:00 LUNCH BREAK

14:00 Miguel G Caetano Ferreira - Ecological restoration efforts in a range from wet European climate to the arid MENA Region climate condition - a practitioner's experience

14:30 **Alatzoglou et al.** - Reforestation projects of Central Macedonia

14:45 **Vasiljević et al.** - Landscape approach to Forest landscape restoration (FLR): Case study of Surčin municipality

15:00 **Berthold Heinze** - The effect of different restoration and reforestation strategies on genetic diversity and genetic gain, and tree improvement practices

15:15 **Lorente-Casalini et al.** - Oak colonization in Mediterranean pine plantations: from seed sources to seed dispersal

15:30 **Eşen et al.** - Rainwater harvesting enhances climate-adaptive forest restoration and reforestation in western Türkiye: Early results on soil moisture and tree seedling survival and growth

15:45 **Werbrouck et al.** - From the lab to the forest: Can in vitro technologies contribute to environmental restoration?

16:00 Coffee break

16:15 Johanna Witzell - Abiotic and biotic factors endangering the success of forest regeneration and restoration

16:45 **Valdecantos et al.** - Resource availability determines biotic interactions at the short term in the restoration of drylands

17:00 **Srdjan Segić** - Research of entomo fauna in oak forests in Srem district

17:15 **Lazarević et al.** - Ectomycorrhizal fungi in forest regeneration at the upper tree line

17:30 POSTER SESSION

**20.00 GALA DINNER - ON THE VOLUNATRY BASE (REGISTRATION FEE 35 EUR)
RESTAURANT "PRINC" (<https://maps.app.goo.gl/MhbVcjUSxJ8ZxLFo6>)**

September 5th

- 09:00 Antonio Antonello Montagnoli - Facing the changes! Insights from tree roots response to abiotic factors**
09:30 **Kovač et al.** - A novel five-step framework for creation of new generations of seminatural forests developed and tested in harsh ecologically conditions of mainly destroyed forest sites in Slovenia
09:45 **Andivia et al.** - Increased aridity threatens seedling survival of key tree species with contrasting drought tolerance in Mediterranean mountains
10:00 **Rebollo et al.** - Structural diversity modulates differential species responses to disturbances in Iberian forests
10:15 **Mompeán et al.** - Why do Mediterranean oaks show different colonization capacities? The role of acorn desiccation sensitivity and functional complementarity in shrub facilitation
10:30 **Cvjetković and Mataruga** - Forest seeds and nursery production and planted forests in Bosnia and Herzegovina
10:45 **Mataruga and Cvjetković** - Plant species selection in afforestation of bare terrain Case study in the Republic of Srpska

11:00 Coffee break

11:15 Pedro Villar Salvador - Factors modulating the relationship of plant size and shoot-to-root mass ratio with outplanting survival in forest plantations

- 11:45 **Mondanelli et al.** - Impact of nursery containers on *Quercus suber* seedling survival and growth to restore degraded Mediterranean area
12:00 **Oliet et al.** - Is coconut coir an innovative growing media in forest nurseries? Results comparing coir and sphagnum peat in *Pinus* species with controlled release fertilizer
12:15 **Poduška et al.** - Innovations in nursery production, afforestation and reforestation in Serbia

12:30 LUNCH BREAK

14:00 Palle Madsen - Planting for the Future! - establishment and silvicultural techniques and future use of new forests

- 14:30 **Catherine Collet** - Evaluating the multiple performances of mechanical site preparation methods to ensure forest plantation success
14:45 **Hanssen and Fløistad** - Effects on seedling survival and growth of site preparation and arginine phosphate addition
15:00 **Gonçalves et al.** - Influence of species traits and silvicultural practices on the regeneration of *Pinus pinaster* and *Quercus rotundifolia*
15:15 **Ureña-Lara et al.** - Enhancing soil functioning through diversifying pine forests in Mediterranean mountains
15:30 **Cruz-Alonso et al.** - Land transformation and climate change additively affect forest composition recovery worldwide
15:45 **Karaszewski and Tsioras** - Adapting wood products and forestry management practices to climate change: Insights and innovations

16:00 Coffee break

16:15 Juan Oliet - Silvicultural tools for enriching planted forests

- 16:45 **Alexandro Leverkus** - SeedvsPlant: A coordinated, distributed, xontinental-scale experiment initiated at PEN-CAFoRR
17:00 **Kaplan et al.** - Can we classify beech subspecies using satellite imagery?
17:15 **Morcillo and Vilagrosa** - Ecological restoration of degraded ecosystems in semiarid climate under Mediterranean conditions
17:30 **Oliet et al.** - RECFORREST: Recycling agricultural plastics to restore ecosystems: A circular economy approach for plant shelters

17.45 CLOSING WORDS

Poster presentations

1. **Bizzarri et al.** - Tree monitoring before and after prescribed fire: preliminary stages to quickly identify plant health
2. **Speak and Denis** - Reforestation in the UK and reintroduction of the beaver to combat increased flooding
3. **Sampere-Medina et al.** - Resilience after biomass loss: resprouting of two oaks and effect of climate warming and revegetation method
4. **Werbouch et al.** - COPYTREE: European Network for Innovative Woody Plant Cloning-CA 21157
5. **Nonić et al.** - Variability of morphological leaf characteristics of different narrow-leaved ash half-sib lines
6. **Kerkez Janković et al.** - Genetic diversity of *Quercus petraea*, *Quercus frainetto*, *Quercus pubescens*, *Quercus cerris* in Serbia – a review
7. **Kaya et al.** - Evaluation of climate change impacts on urban trees with its social and ecological dimensions: An example of Düzce
8. **Hanssen and Fløistad** - To dig, or not to dig? Effects of mechanical site preparation and different seedling protection methods in Western Norway
9. **Popović et al.** - Morphological variability of European beech (*Fagus sylvatica* L.) in provenance test in Serbia
10. **Pástor et al.** - Demonstration of the waste use in the form of wood ash and cellulose sludge in the production of reproductive material
11. **Çerçioğlu et al.** - The effect of mulching on stonepine (*Pinus pinea* L.) afforestation and various soil properties in semi-arid area
12. **Dimitrova and Kolevska** - The opportunities and limitations in the public forest nurseries of North Macedonia
13. **Klisz et al.** - Implementing nature-based solutions for restoring degraded forests of Central Europe
14. **Gudynaitė-Franckevičienė and Mikalkevičius** - Photo response of poplar hybrids to illumination with different spectral composition at a young age
15. **Popa et al.** - CLEANFOREST COST Action: Joint effects of climate extremes and atmospheric deposition on European forests
16. **Kerkez Janković et al.** - Intrapopulation variability of pubescent oak in Košutnjak Forest (Serbia) as a base for sustainable genepool use
17. **Kanjevac and Krstić** - Growth characteristics of seven-year-old sessile oak seedlings planted under a shelterwood in western Serbia
18. **Romeralo et al.** - Natural regeneration of beech (*Fagus sylvatica*) on phytophthora-infested soils
19. **Tsakaldimi et al.** - First results on the impact of seed provenance and nursery cultivation techings on *Abies cephalonica* Loudon seedlings quality
20. **Gömöry et al.** - Provenance responses to geographical and climatic transfer indicate limited extent of local adaptation in European beech
21. **Devetaković et al.** - PRO_DROAKS: Physiological and morphological responses of oak seedlings to drought stress
22. **Barros et al.** - Production in paper rolls versus plastic containers
23. **Gracovský et al.** - Timber stand improvement and qualitative analysis of assortments using 3D CT technology
24. **Lazdina et al.** - Forest regeneration practices in Europe- legal frame, species used and technologies implemented
25. **Puchalka et al.** - Predicted range shifts of the main forest forming trees in Europe

September 6th – FIELD TRIP ON THE VOLUNATRY BASE (REGISTRATION FEE 50 EUR)

Field trip will take place in Deliblato Sands. The Deliblato Sands is the largest sandy terrain in Europe, once part of a vast prehistoric desert, having originated from the withdrawal of the Pannonian Sea. Here is home to many plant and animal species which are rare or endangered in Europe and globally. It was declared a Special nature reserve on a national level (it represents a natural asset of special importance falling under protection category I). Restoration and afforestation started in 1818. And we are going to see results and succession dynamics.

08.00 GATHERING OF PARTICIPANTS

10.00 WALKING (bring water and hat)

13.30 LUNCH (goulash and salad or vegetable plate; desert; drink is included)

15.00 PRESENTATION ABOUT DELIBLATO SENDS

16.00 RETURN TO BELGRADE

18.00 ARRIVAL TO BELGRADE

