

You are warmly invited to the final event of the joint research project

“Ecophysiological, morphological and growth response of fir and beech along the geographical gradient - basis for predicting future development trends” / “Ekofiziološki, morfološki in rastni odzivi jelke in bukve vzdolž geografskega gradienta – izhodišče za napovedovanje prihodnjih razvojnih trendov” (ARIS J4-3086; GAČR 21-47163L)

with title:

Predicting future trends - responses of beech and fir in the Carpathian region

in Slovenia, which will be held on Thursday, September 5, 2024, in the hall of the Forestry Institute of Slovenia, Večna pot 2, 100 Ljubljana, from 8:45 a.m. to 1:00 p.m. Presentations will be in English.

Parking is not possible in the courtyard of the institute, so we kindly ask you to decide to come to the workshop using public transport or other alternative options.

There are both free and paid parking lots in the immediate vicinity of the institute that you can use. Thank you for your kind understanding.

(at the BF faculty, Rožna dolina or the zoo).

PROGRAM:

08:45-09:00 *Introduction and welcome*

09:00-09:15 R. Pokorný: *European beech (*Fagus sylvatica* L.) and silver fir (*Abies alba* L.) at the North-Western edge of Carpathians; contributions to ecology and management*

09:15-09:30 A. Martinik: *Calamities: A chance to increase proportion of silver fir*

09:30-09:45 E. Darenova: *Effect of temperature, water availability, and soil properties on soil CO₂ efflux in beech-fir forests along the Carpathian Mts.*

09:45-10:00 N. Suban: *Soil microbiome along the Carpathian Mountains*

10:00-10:15 M. Čater: *Response of beech and fir in the Carpathians and Dinarides*

10:15-10:45 Coffee break

10:45-11:00 P. C. Adamič: *Growth Response of beech and fir to climate along the Carpathians*

11:00-11:15 J. Kašpar: *Climate growth limitations of European beech and silver fir along the Carpathian arc – the recent state and future prospects*

11:15-11:30 P. C. Adamič: *Variability in wood anatomical characteristics in silver fir and European beech at three different sites in the Carpathian Mountains*

11:30-11:45 T. Veljanovski: *Monitoring forest response using Sentinel-2 observations to climatic factors along the Carpathian Mountains*

11:45-12:00 O. Brovkina: *Analysis of forest canopy land surface temperature along the Carpathian Mountains over the last two decades*

12:00-12:15 M. Švik: *Phenological trends of European beech stands along the Carpathian Arc: A 20-year MODIS based analysis*

12:15-12:30 A. Missarov: *Predicting GPP in Carpathian Beech Forests: Uncovering spatial and temporal patterns using a regression model with climatic, topographic and additional features*

12:30-12:45 Final word, conclusion

13:00-14:00 Lunch

Welcome!



Ljubljana, 15.8.2024