

### CONFERENCE HALL MEDITERAN

Hotel  
International

8.00-9.00 **Registration**

**SESSION E: ECOSYSTEM MANAGEMENT AND MODELLING**

**CHAIRS: H. Marjanovic, A. Kern**

9.00-9.45 **Katarina Merganičová:** Modelling Ecosystem dynamics under changing environmental conditions

9.45-10.00 **Alessandro Paletto:** A Decision Support System (DSS) to assess the performance of forest-wood supply chain according to the principles of circular bioeconomy, Reseach Centre for Forestry and Wood, Trento, Italy

10.00-10.15 **Maša Zorana Ostrogović Sever:** Soil Organic carbon modelling in Croatia: Needs and Challenges, Croatian Forest Research Institute, Jastrebarsko, Croatia

10.15-10.30 **Želimir Kurtanjek:** Causal modelling of the northern Adriatic sea ecosystem, Faculty of food technology and biotechnology, University of Zagreb, Croatia

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10.30 -11.00 **COFFEE BREAK**

10.30-11.00 **Poster presentations (SESSIONS C&E)**

**SESSION E: ECOSYSTEM MANAGEMENT AND MODELLING** -continues

**CHAIRS: D. Ugarković, M. Avdibegović**

11.00-11.15 **Ines Hrdalo:** Urban green infrastructure: Past, present, future, Faculty of Agriculture, University of Zagreb, Croatia

11.15-11.30 **Damir Ugarković:** Microclimate of urban forest ecosystems of the city of Zagreb, Faculty of Forestry and Wood Technology, University of Zagreb, Croatia

11.30-11.45 **Martina Kičić:** Assessing hotspots of cultural ecosystem Services and disservices in the city of Zagreb, Croatian Forest Research Institute, Jastrebarsko, Croatia

11.45-12.00 **George N. Zaimis:** Land Use Change impacts on the kato nevrokopi torrent in Greece, Laboratory of Geomorphology, Edaphology and Riparian Areas (GERI Lab), International Hellenic University, Greece

12.45 -13.45 **LUNCH**

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**CHAIRS: Krunoslav Indir, M.Z. Ostrogović Sever**

13.45-14.00 **Mersudin Avdibegović:** Forest governance perspectives of wood biomass for energy in the federation of Bosnia and Herzegovina, Faculty of Forestry, University of Sarajevo, Bosnia and Herzegovina

14.00-14.15 **Karlo Beljan:** Integral Approach to private forestry and game management - investment analysis from Croatian Dinarides, Faculty of Forestry and Wood Technology, University of Zagreb, Croatia

14.15-14.30 **Sanja Bogunović:** Establishment of micropropagation protocol for the narrow-leaved ash in Croatia - Preliminary report, Croatian Forest Research Institute, Jastrebarsko, Croatia

14.30-14.45 **Anđelina Gavranović Markić:** Variability of height growth and survival of European Beech (*Fagus sylvatica* L.) in provenance trial "Vrbovsko" - First results, Croatian Forest Research Institute, Jastrebarsko, Croatia

14.45-15.00 **Ivana Sirovica:** Invasive capacity of *Prunus serotina* and potential occurrence of *Rhagoletis Cingulata* - A Case Study in Croatia, Croatian Forest Research Institute, Jastrebarsko, Croatia



15.00-15.15 **Andro Kokeza:** Accuracy assessment of hand-held personal laser scanning for individual tree attributes estimation in old even-aged pedunculate oak forest, Croatian Forest Research Institute, Jastrebarsko, Croatia



15.15-15.30 **Zoltan Pásztor:** Revolutionary new forest measuring technology mobileforester, Faculty of Wood Engineering and Creative Industries, University of Sopron, Hungary

15.30-15.45 **Mislav Vedriš:** Estimating forest stand structure based on re-measurement on concentric circular sample plots, Faculty of Forestry and Wood Technology, Croatia

15.45-16.00 **Ivan Pilaš:** Floodplain forests mapping using earth observations and artificial intelligence, Croatian Forest Research Institute, Jastrebarsko, Croatia

16.00 **CLOSING CEREMONY**