

Conference: Forests in Science, Practice and Education (Warsaw, 18-19 June, 2019)

Session IV: Silvicultural concepts across diverse climate zones and their implications for stand structure and dynamics

Wednesday 19th June 2019, Warsaw University of Life Sciences

Faculty of Forestry (Building 34/Auditorium I, Nowoursynowska Street 159)

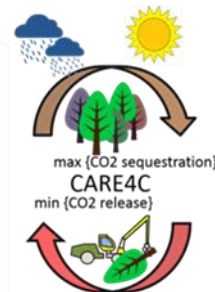
<https://goo.gl/maps/koSweASXPK32>

Part I: 8:30-11:00 (2.5 hour); Chairman: *Dr. Eric K. Zenner*

8:30-8:40	Kamil Bielak Enno Uhl	Opening and introduction to the session in the view of carbon smart forestry under climate change (CARE4C)
8:40-9:00	Miren del Río	Mediterranean silviculture: constrains and challenges <i>CARE4C keynote speech 1</i>
9:00-9:20	Jorge Olivar <i>et al.</i>	ForestCO2: monitoring of carbon sinks in <i>Pinus halepensis</i> stands in the Region of Murcia (Spain)
9:20-9:40	Muha Abdullah Al Pavel <i>et al.</i>	Modelling the effect of climate on biomass, growth, and survival on the early establishment of <i>Pinus pinaster</i> reforestation
9:40-10:10	Ben du Toit	Forest plantation silviculture in warm, seasonally dry climates and the risks posed by climate change <i>CARE4C keynote speech 2</i>
10:10-10:30	Sifiso Xulu <i>et al.</i>	Drought influence on forest plantations in Zululand, South Africa, using MODIS time series and climate data
10:30-10:45	Martin Jacobs <i>et al.</i>	Analysis of density and mixture effects on the allometry of pine-trees by TLS
10:45-11:00	Marta Aleksandrowicz-Trzcińska <i>et al.</i>	Effects of reforestation and site preparation methods on early growth and survival of Scots pine (<i>Pinus sylvestris</i> L.) in south-eastern Poland



CARE4C project has received funding from the European Union's Horizon 2020 research and innovation program under the Marie Skłodowska-Curie grant agreement No 778322



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Part II: 11:30-13:40; (2 hours); Chairman: *Dr. Marcus Lindner*

11:30-11:50	Giustino Tonon Francesco Giammarchi	Protection forestry in the Alpine mountain region: an overview <i>CARE4C keynote speech 3</i>
11:50-12:10	Javier Gorgoso- Varela <i>et al.</i>	Application of the BDq method to complex structures of natural mixed forests in Asturias (Northern Spain)
12:10-12:30	Eric K. Zenner Jeri E. Peck	Is there a matrix structure that transcends beech forest development stages?
12:30-12:45	Tomasz Kurek Jacek Todys	Silvicultural and protection management in beech stands damaged by red deer on the example of Polanów Forest District
12:45-13:05	Kamil Bielak Stanisław Drozdowski	Close-to-nature silviculture in the European Boreal Forests: adaptation and mitigation strategies under climate change <i>CARE4C keynote speech 4</i>
13:05-13:25	Rafał Paluch	Long-term dynamics of protected forests as a contribution to development of close to nature silviculture (NE Poland)
13:25-13:30	Eric K. Zenner Marcus Lindner	Session summary and closing



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