

***Convener:***

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***Title:***

Study of the temporal and spatial variability primary production and carbon allocation in Carpathian forests

***Session description:***

The session is mainly focused on Carpathian's mountain forest stands and their suitability in climate changes. Main focus will be on temporal (e.g. phenological observations) and spatial variability (e.g. Field-Map method) of the temperate Carpathian's forest primary production, including the carbon allocation in forest ecosystems or ecosystem responses to changes in abiotic conditions. The quantitative and qualitative results of biomass estimation from scientific monitoring on short-/long-term ecosystem stations are welcome. Further, the novel methodological approaches of both direct and indirect monitoring and estimation of forest ecosystem production, its upscaling and connection with Carpathian's practice are also eligible.