

SUMMER SCHOOL

Modern Techniques and

Approaches in Changing Forestry

Blended Intensive Program

22nd to 28th April 2023

Saturday 22ND APRIL 2023

- Arrival – Kostelec nad Černými lesy

Sunday 23RD APRIL 2023

- Forest district Klokočná - close-to-nature forest management, Kutná Hora UNESCO

Forest district Klokočná (Forests of the Czech Republic) - close-to-nature forest management, conversion of uniform even-aged forest stands into permanently structurally differentiated forests; Kutná Hora UNESCO: Historical Town Centre with the Church of St Barbara and the Cathedral of Our Lady at Sedlec.

Monday 24TH APRIL 2023

- Biodiversity data collection-soil, invertebrates, birds (East Bohemia)

Students will be introduced to current methods of collecting data on the biodiversity of temperate forests. We will review some data collection methods with the possibility of active participation. The lecture will be interspersed with a field trip to a diverse forest stand

Tuesday 25TH APRIL 2023

- Modern data collection methods in forestry, Arboretum, Goulash, Grill

Presentation of UAV technology for active and passive sensors for data collection. Including multispectral, thermal and lidar data. Participants can experience flying and FPV flying within the arboretum area, in connection with subsequent data processing and analysis. Refreshment on site.

Wednesday 26TH APRIL 2023

- Forests of CZU

Infrastructure and management of forest property on the example of the University forests. Nursery production, forest management, wood processing, associated production and care of historic buildings.

Thursday 27TH APRIL 2023

- Gamekeeping

Wildlife Management often requires a set of tools to properly monitor and implement management strategies. We will first go into the forest to examine some of these tools, including camera traps, feeding stations, and traps, and then have a look at the use of our multisensory collars. At the end, after a short introduction to remote-sensing using the collars, we will work with activity data of wild boar, visualize, and compare different parameters determining wild boar activity.

Friday 28TH APRIL 2023

- Campus CZU - tour; brewery Jeník; food pavilion; Prague

Catering is provided throughout the Summer School. Accommodation provided in Kostelec nad Černými lesy.

Detailed information (regarding catering, arrival, detailed program...) will be sent to you before the summer school (7/4/2023).

More information at: vihanova@fld.czu.cz

