



Summary of the Training Course:
“Spatial Analysis of Climatic Data in R”
March 3-7, 2025, Agricultural University of Tirana



In the frame of the project *GEO-WB6 - Establishing a Geoinformation Centre for the Western Balkans*, the Agricultural University of Tirana (UBT) and the Leibniz Institute of Agricultural Development in Transition Economies (IAMO) carried out the project’s fifth capacity building course on “*Spatial Analysis of Climatic Data in R*” from March 3 to 7, 2025 at the campus of UBT.

A total of 18 course participants from all six Western Balkan countries (Albania, Bosnia and Herzegovina, Kosovo, Montenegro, North Macedonia and Serbia) came together in Tirana for five days to learn how to use R for data visualization and spatial data analysis, with a particular emphasis on analyzing climatic data for the study of climate change and extreme weather events in the Western Balkans. The course provided ample opportunities to apply the gained knowledge in practical exercises, featured interactive sessions, and gave insights into the future effects of climate change in the region. Apart from working with R and GIS, the course participants also learnt about the architecture and street art of Tirana during a guided tour through the city center.

