



Summary of the Training Course:
“Visualizing and Analyzing Spatial Data in R”
February 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 fourth capacity building course on “*Visualizing and Analyzing Spatial Data in R*” from February 3 to 7, 2025 at the campus of UBT.

A total of 16 course participants from four Western Balkan countries (Albania, Kosovo, North Macedonia and Serbia) came together in Tirana for five days to learn about the principles of working with spatial data in the software environment of R and R Studio, with a particular emphasis on visualizing geodata, performing and automating spatial data analysis, interpolation techniques, and creating interactive maps. The course provided ample opportunities to apply the gained knowledge in practical exercises, featured interactive sessions, and gave insights into applications of R in geospatial research. Apart from learning about R and GIS, the course participants also got to know the laboratory facilities of the UBT campus and learnt about the history of Albania during a guided tour to a historical bunker facility.

