



*Summary of the Training Course:*  
**“Introduction to Remote Sensing and Google Earth Engine”**  
*November 17-21, 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 seventh capacity building course on *“Introduction to Remote Sensing and Google Earth Engine”*. The training took place November 17-21, 2025 at the campus of UBT and was kindly facilitated by Dr. Kenneth Grogan and Dr. Andrey Dara, two renowned experts in the field of remote sensing.

A total of 17 course participants from five Western Balkan countries (Albania, Bosnia and Herzegovina, Kosovo, North Macedonia and Serbia) came together in Tirana for five days to learn about the fundamentals of remote sensing, with a focus on open-source satellite imagery and essential analysis methods. The course combined theoretical backgrounds, demonstrations, and practical hands-on sessions analyzing imagery with the cloud processing platform Google Earth Engine. The participants learned how to process satellite imagery, how to use machine learning to make land cover maps, and how to monitor areas over time using change detection methods. In small groups, the participants worked on their own projects and presented them in the end of the week.

