Call for Participation in the Training Course:

"Spatial Analysis of Drought Patterns"

November 23-27, 2026, Faculty of Agriculture and Food Sciences, University of Sarajevo

The University of Sarajevo – Faculty of Agriculture and Food Sciences (UNSA-PPF) and the Leibniz Institute of Agricultural Development in Transition Economies (IAMO) are pleased to announce the upcoming training course on **"Spatial Analysis of Drought Patterns".** This course will put particular emphasis on how to obtain and analyze climatic and remote sensing data for studying the distribution and intensity of droughts in the Western Balkans.

The course is organised by UNSA-PPF and IAMO in the frame of the project *Geospatial Information for Climate Change Adaptation in the Western Balkans* (GEO-ADAPT, www.iamo.de/en/geo-adapt). The project fosters the use of geoinformation technology for climate change adaptation in the agricultural and forestry sectors in the Western Balkans. Ultimately, GEO-ADAPT aims to support the Western Balkan countries with technical expertise in the EU accession process, particularly with regard to Chapter 11 (Agriculture and Rural Development) and Chapter 27 (Environment).

Course Highlights:

- *Time:* November 23-27, 2026 (five days, in-person, full attendance required)
- *Place:* Faculty of Agriculture and Food Sciences of UNSA in Sarajevo, Bosnia and Herzegovina
- *Eligibility:* The course is open to all students, lecturers and professionals in agriculture, forestry and related fields who study or work in the Western Balkan and who have an interest in spatial data analysis and climate change adaptation. Participants must be fluent in English and bring their own laptop. Previous experience in Geographic Information Systems (GIS) is beneficial.

Course Contents:

- Fundamentals of drought monitoring and examples of applied drought research
- Accessing open climate and satellite data from different sources
- Analyzing drought patterns with geospatial approaches in *QGIS, R* and *Google Earth Engine*
- Developing interactive online maps with *leaflet* and *R Shiny*

What we offer:

- A state-of-the-art training course free of charge, using open-source software
- Facilitation by experienced lecturers and researchers
- An official course certificate issued by UNSA-PPF and IAMO
- A lump-sum travel grant of 200 € for selected participants residing outside Canton Sarajevo and travelling from within Bosnia and Herzegovina, 250 € for participants travelling from Serbia or Montenegro, and 300 € for participants travelling from the other Western Balkan countries.

How to apply:

Please submit your CV and a motivation letter in English language by **November 6, 2026**. Applicants residing in Bosnia and Herzegovina are requested to send their documents to *z.omerovic@ppf.unsa.ba*, whereas applicants from all other countries are requested to submit them to *geo_adapt@iamo.de.* Applicants will be notified of acceptance in the week of **November 9, 2026.** We are committed to fostering an inclusive and diverse learning environment and strongly encourage women and persons with disabilities to apply.