

Biography

Marija Ćosić graduated from the Faculty of Agriculture at the University of Belgrade in 2007. She defended her doctoral thesis titled “The Effect of Kaolinite on Improved Water Use Efficiency in Different Irrigation Treatments of Peppers (*Capsicum annuum*, L.)” at the same faculty in 2015. She has been working at the Faculty of Agriculture at the University of Belgrade since 2008 and was appointed Associate Professor in November 2020.

Dr. Marija Ćosić is actively involved in scientific research in the field of water and soil management. Her research focuses on irrigation scheduling for agricultural crops, evapotranspiration, crop water demand, water use efficiency, crop growth modeling, natural flood control measures, the impact of climate change on water use in agriculture, and the adaptation of agriculture to climate change. In collaboration with co-authors, she has published over 100 scientific papers. According to the SCOPUS database, her work has been cited 309 times, and her Hirsch Index is 9.

In the past five years, she has participated as a researcher and expert in several domestic and international projects, including:

- “The Impact of Climate Change on Water Resources in Serbia” TR 37005 (funded by the Ministry of Education and Science)
- “Integrated Agrometeorological Forecasting System” - IAPS (Science Fund of the Republic of Serbia)
- “Promotion of Medium- and Long-term Adaptation Planning in the Republic of Serbia” (funded by the Green Climate Fund (GCF) and implemented by the United Nations Development Program (UNDP) in cooperation with the Ministry of Agriculture, Forestry and Water Management)
- “Low-cost, Low-power IoT Devices for Precision Agriculture” (European Bank for Reconstruction and Development (EBRD))
- Erasmus+ Project “HEAL-in-ONE” on behalf of the University of Belgrade.

Skills: Teaching, Microsoft Office (advanced), AutoCAD, ArcGIS, QGIS, Aquacrop, Cropwat engineering (Drip irrigation system design, fruit and vegetable plantation design).