

Biography

Aleksa Lipovac, Ph.D., is an associate professor (early career researcher) at the Department of Soil and Water Management at the Faculty of Agriculture, University of Belgrade. He is teaching Irrigation system design, Soil management and Remote sensing. His research primarily focuses on water and soil management. Within this field, he has conducted extensive scientific research, particularly in areas such as irrigation scheduling for agricultural crops, evapotranspiration, crop water requirements, water use efficiency, crop growth modelling, remote sensing, nature-based solutions, and the impact of climate change on agricultural water use and adaptation strategies. In collaboration with co-authors, Aleksa has contributed to the publication of over 50 scientific papers, including 7 from the SCI list. According to the SCOPUS database, his work has received 67 citations, and he holds a Hirsch Index of 4. He has participated as a researcher and expert in a number of national and international projects. He has actively participated in various COST projects (LAND4FLOOD, FAIRNESS, and WATER4REUSE), workshops, and summer schools related to agrometeorology, water use, remote sensing, and Nature-Based Solutions. He is a member of the Serbian Society of Soil Science. Skilled in soil survey, irrigation management, Autocad, ArcGIS, QGIS and Aquacrop.

In the past five years, Aleksa 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)
- 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.