

Name: Dr. Csaba BOZÁN, PhD

Position: deputy director, head of research center, senior research fellow

Year of obtaining scientific degree: 2021

Phone number: +3630/955-5758

E-mail address: bozan.csaba@uni-mate.hu

Organizational unit name: Institute of Environmental Sciences, Research Center for Irrigation and Water Management

Professional experience:

- 2001-2003. junior research fellow, Research Institute for Fisheries, Aquaculture and Irrigation (HAKI), Szarvas
- 2003-2018. research fellow, HAKI, NAIK ÖVKI, Szarvas
- 2007-2013. deputy head of department, Department of Water Resources Management, HAKI, Szarvas
- 2013-2014. head of research team, Agricultural Water Management Research Team, HAKI, Szarvas
- 2014-2018. head of department, National Agricultural Research and Innovation Center, Research Department of Irrigation and Water Management (NAIK ÖVKI)
- 2018- senior research fellow, NAIK ÖVKI, MATE IES ÖVKI, Szarvas
- 2018-2021. director, National Agricultural Research and Innovation Center, Research Institute of Irrigation and Water Management (NAIK ÖVKI)
- 2021- head of research center, Hungarian University of Agriculture and Life Sciences (MATE), Institute of Environmental Sciences (IES), Research Center for Irrigation and Water Management (ÖVKI)
- 2021- deputy-director, University of Agriculture and Life Sciences (MATE), Institute of Environmental Sciences (IES)

Education, qualification:

- University of Debrecen Centre for Agricultural Sciences, 1997-1998, Hunting and Wildlife Management
- University of Debrecen Centre for Agricultural Sciences, 1998-2000, Agricultural consultant and advisor
- University of Debrecen, Centre for Agricultural Sciences, 1995-2000, Agricultural Engineer specialized in Nutrient and water management
- Szent István University, Gödöllő, Faculty of Agricultural and Environmental Sciences, 2003-2005, Agricultural Engineer specialized in Agricultural Water Management
- University of Debrecen, Kerpely Doctoral School, 2021, PhD degree, Crop and horticulture Science

Research activity, field:

Complex research of agricultural areas with unfavorable water management characteristics, analysis of their water management properties and GIS-based map presentation. Research to rationalize alternative land use concerning excess water hazards. Examination of special hydrological phenomena (water uprush) typical of the Great Hungarian Plain. Complex research of water management problems in agriculture, and development of relevant solutions.

Special research projects:

- study, evaluation and development of areas with extreme water management properties;
- examination of cause and effects relationships between the influential factors responsible for development of excess water inundations;
- framework development of sustainable excess water management;
- developing alternative land uses for excess water hazarded areas;
- framework development for sustainable agricultural water uses;
- development possibilities for utilization of agriculture-originated wastewater.

Awards and recognitions:

Pro-Aqua Award 2022 - Hungarian Hydrological Society

Information on doctoral training:

Data of publications:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10044982>

Taught subjects:

Watershed management and land improvement
Melioration

Optional thesis topics:

Relationships between land use and excess water hazard