



Name of organizational unit: Institute of Environmental Sciences, Department of Irrigation Development and Land Improvement

Professional experience:

- August 2008–2015 03. Institute Engineer, Róbert Károly College, Fleischmann Rudolf Research Institute, Kompolt (Hungary)
- 03/2015–2016 06. Szent István University Nonprofit Kft., Szarvas (Hungary)
- 01/07/2016 – Assistant Lecturer, Institute of Environmental Sciences, Department of Irrigation Development and Land Improvement

Education, qualification:

- Economic agricultural engineer Szent István University, Faculty of Economics and Social Sciences, Gödöllő (Hungary) 2000-2005
- Irrigation Specialist Hungarian University of Agriculture and Life Sciences, Department of Irrigation Development and Land Improvement, Szarvas (Hungary) 2019-2021
- PhD Doctoral School Hungarian University of Agricultural and Life Sciences, Doctoral School of Plant Sciences, Gödöllő (Hungary) 2016-

Research activity:

- Examination of the nutritional response of maize, in a monoculture duration experiment, under irrigated and non-irrigated conditions.
- Examination of drought tolerance and salt tolerance of plants (on winter wheat, corn, sorghum plants)
- Investigation of the reaction of plants to irrigation (on winter wheat, corn, rapeseed, sunflower plants)
- Comparative experiments of different irrigation technologies
- In the project No. GINOP-2.2.1-15-2017-00042 entitled "The genetic utilization of plants of the Pannonian region", as a researcher, the study of drought and salt

tolerance of plants. Investigation of stress symptoms caused by water shortage and plant reactions to them.

Awards and recognitions:

- Rector's Commendation, Károly Róbert Főiskola Gyöngyös (2013)
- KH Livia (2012) – co-breeder of state-recognized spring barley variety, NÉBIH 414722
- KH Noémi (2012 – co-breeder of a state-recognized spring barley variety, NÉBIH 414721
- KH Nimród (2013) – co-breeder of state-recognized winter barley variety, NÉBIH 41724

Doctoral training

information: https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=22837

Publication

data: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10057976>

Subjects:

- Plant breeding
- Seed production
- Basic knowledge of agriculture
- Soil physics
- In agriculture
- Product processing
- Crop cultivation with irrigation