

Dr. Kotroczó Zsolt, Ph.D.

Position: associate professor

Year of academic degree: Ph.D: 2009; Habilitation: 2022

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Professional qualifications:

- 2022: habilitation (Agricultural sciences - Plant growing and Horticultural sciences)
- 2009: Ph.D. (Environmental Sciences, University of Debrecen)
- 2003-2006: Ph.D. student, (Juhász-Nagy Pál Doctoral School, University of Debrecen);
- 1997-2002: M.Sc. in Biotechnology (specialization in Ecology and Biotechnology) (Univ. Debrecen);

Workplaces:

- 2022 – associate professor; MATE, Department of Agro-Environmental Studies
- 2020 – research fellow; SZIU, Department of Agro-Environmental Studies
- 2018 – research fellow; SZIU, Department of Soil Science and Water Management
- 2017 – 2018: senior lecturer; SZIU, Department of Soil Science and Water Management
- 2014 – 2017: research fellow; CUB (from Jan. 1. 2016. SzIU, Faculty of Horticultural Science), Department of Soil Science and Water Management
- 2010 – 2012: assistant research fellow; University of Debrecen, Ecological Department
- 2007 – 2010: college senior lecturer; College of Nyíregyháza, Institute of Biology
- 2006 – 2007: visiting lecturer; College of Nyíregyháza, Institute of Biology

Scientific and professional public life activities:

- Hungarian Academy of Sciences, Regional Committee in Debrecen, Section of Soil Biology (head)
- Hungarian Soil Science Society, Section of Soil Biology (co-head)
- Member of public body of Hungarian Academy of Sciences (member)
- DRC Sustainable Future: Journal of Environment, Agriculture, and Energy (Editorial Board Member)

Doctoral education: doktori.hu

(https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=25613)

Publications: [MTMT](#)

(<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10014015>)

Courses:

- Soil biology (C type course)
- Soil Science and Agrochemistry
- Humus Management and Composting
- Organic Matter Management
- Environmental Resource Management Module
- Natural resources and nature conservation

Research field:

- Soil Biology, Soil Organic Matter
- Biological Effects of Soil Tillage
- Ecology, Microbial Ecology
- Nature and Environment Protection
- Forestry microbiology, -ecology

Research activity:

- Coordination of the work of undergraduate students and doctoral (PhD) students
- Soil biology and ecology researches
- Soil Biology and Microbiological Ecological Research in the Síkfőkút Project Long-Term Ecological Research Program