

Personal Data

Name: Dr. Anita Takács
Position: Laboratory assistant
Degree and year obtained: PhD, 2023
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Institution: Institute of Environmental Sciences, Department of Soil Science

Work and research experience

- 2021- **Hungarian University of Agriculture and Life Sciences (MATE),
Institute of Environmental Sciences, Department of Soil Science**
Laboratory assistant
- 2017- 2021 **ELKH Ecological Research Center, Institute of Aquatic Ecology**
(formerly the Danube Research Institute of the Ecological Research Center of
the Hungarian Academy of Sciences)
Research Assistant (sediment, water chemistry and microplastics testing)
- 2014-2017 **Szent István University, Institute of Environmental Sciences,
Department of Chemistry**
Ph.D student
- 2013-2016 **Szent István University, Institute of Environmental Sciences, Department of
Chemistry**
*Departmental engineer, participation in OTKA 108558, participation in laboratory
work*
- 2011-2013 **V-95 General Enterprise Ltd., Budapest**
Operational assistant, real estate utilization and energy tasks
- 2009-2011 **University of Szeged, Faculty of Science and Informatics, Department of Natural
Geography and Geoinformatics**
*Demonstrator, involvement in the departmental and student soil science works
and their assistance and coordination. Tests on both soil and water samples,
instrumental measurements.*
- 2010 (summer) **Lower - Tisza Environmental, Nature Protection and
Water Management Inspectorate (ATI-KTVF), Szeged**
Summer compulsory internship
Thesis title: Evaluation of surface water chemical monitoring results by
comparing GF-AAS and ICP-OES

Studies

Postgraduate: **Szent István University**

Doctoral School of Environmental Sciences, 2014-2017

Doctoral dissertation: Development and application of analytical and isotopic methods for the determination and monitoring of potentially toxic elements in soil/water/sediment systems

University: **University of Szeged, Faculty of Science and Informatics**

Environmental Sciences (MSc), 2009-2011

Qualification: Certified Environmental Researcher

Specialization: Instrumental Environmental Analytics and Technology

Diploma Thesis: Enrichment of Heavy Metals from Transport in Agricultural Areas Along Busy Roads

Environmental Sciences (BSc), 2006-2009

Qualification: Applied environmental researcher

Specialization: Water and soil protection

Thesis: Investigation of the acidification tendency of soils around Szeged

Adult education: **Szeged Adult Education High School and Vocational School**

Renewable energy source is energetic, 2011-2012

Occupational safety technologist, 2011-2012

Course: **CertUnion Ltd., Budapest**

MSZ EN ISO 9001:2015 Internal auditor

Research, field of activity:

Surface water/sediment/soil sampling and knowledge of applicable standards, sample preparation for both basic and large-scale instrumental measurements, microplastics testing

Honours and awards:

PhD course information: https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=46783

Publication details: <https://m2.mtmt.hu/api/author/10044645>

Subjects taught:

Optional thesis topics: