PERSONAL INFORMATION

Ferenc Molnar

- Egyetemváros, 3515 Miskolc (Hungary)
- (+36) 46/565-111 (extension: 1393)
- ferenc.molnar@uni-miskolc.hu
- https://orcid.org/0000-0002-4872-1136

Date of birth: 1988.11.22. | Nationality Hungarian

POSITION

Technical assistant

WORK EXPERIENCE

2022.10. – present — **Technical assistant**
University of Miskolc - Department of Physical Geography and Environmental Sciences, Miskolc (Hungary)

2021.12. – 2022.10. — **Assistant Research Fellow**
University of Miskolc - Department of Physical Geography and Environmental Sciences, Miskolc (Hungary)

2017.09. – 2023.03. — **Graduate teaching assistant**
Ferenc Rákóczi II. Transcarpathian Hungarian College of Higher Education, Department of Biology and Chemistry (Ukraine)

2014.02. – 2017.09. — **Laboratory assistant**
Ferenc Rákóczi II. Transcarpathian Hungarian College of Higher Education, Department of Biology and Chemistry (Ukraine)

2013.06. – 2014.02. — **Payroll clerk and foreign business contact**
Hoch-Bereg Ltd. (Ukraine)

2012.04. – 2013.06. — **PCB repairs**
Flextronics (Ukraine)

2011.06. – 2012.04. — **Line operator and tester**
Lear Corporation (Ukraine)

EDUCATION AND TRAINING

2019 - present — **PhD student**   EQF level 8
University of Miskolc Mikoviny Sámuel Doctoral School of Earth Sciences, Miskolc (Hungary)
Research area: genetic soil classification system, soil mapping, WRB, Histosols, GIS

2011 - 2012 — **Biologist, teacher specializing in biology and ecology (MSc)**
Ferenc Rákóczi II. Transcarpathian Hungarian College of Higher Education, Beregszász (Ukraine)

2007 - 2012 — **Geography teacher (BSc)**
Ferenc Rákóczi II. Transcarpathian Hungarian College of Higher Education, Beregszász (Ukraine)

2007 - 2011	**Biology teacher (BSc)**
	Ferenc Rákóczi II. Transcarpathian Hungarian College of Higher Education, Beregszász (Ukraine)

2000 - 2007	**High-school graduation**
	Beregszászi Bethlen Gábor Magyar Gimnázium, Beregszász (Ukraine)

PERSONAL SKILLS

Mother tongue(s) Hungarian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Ukrainian	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills and excellent presentation skills.

Digital skills
- **GIS software**: ArcGIS, ArcGIS Pro, QGIS, MultiSpec, SNAP
- **Graphics software**: Corel Draw, Gimp, Inkscape, RDWorks
- **OS**: Windows
- **Office software**: MS Office, OpenOffice, Grapher
- **Statistical software**: SPSS, JASP, R, RStudio
- **ECDL (European Computer Driving Licence)**

ADDITIONAL INFORMATION

Scientific interest
- Soil science
- Genetic soil classification system
- WRB
- Soil development
- Soil mapping
- Histosols
- Groundwater
- Heavy metal pollution
- Forest structure and diversity
- Remote sensing
- GIS in environmental science
- Geostatistics

Further training
- 2021 - Teaching methodology, Competence-development-based teaching and Smart education– TrainESEE pilot Acceleration Program
- 2021 - Advanced training in field-level soil mapping, specific to soil regions (Jánoshalma)
- 2018 - Можливості дистанційного навчання молекулярної біології
- 2009 - Health and social worker

Memberships	• Hungarian Soil Science Society (member) • Cultural Alliance of Hungarians in Sub-Carpathia (member) • Transcarpathian Hungarian Pedagogical Association (member) • Hungarian Biological Society (member: 2021) • Calvinist Cadet Corps (member)
Projects	• **2020-1.1.2-PIACI-KFI-2021-00318**: Talajinformáció-vezérelt mezőgazdaság támogatására szolgáló ICT-platform fejlesztése a mezőgazdasági termeléskezelése, optimalizálása és a talajrendszerre gyakorolt hatások nyomonkövetése céljából • **EFOP-3.6.1-16-2016-00011**: Fiatalodó és Megújuló Egyetem – Innovatív Tudásváros – a Miskolci Egyetem intelligens szakosodást szolgáló intézményi fejlesztése
Publications	• MTMT azonosító: 10075615 • ORCID: https://orcid.org/0000-0002-4872-1136
Driving licence	Category B (Auto) Category A (Motorcycle) Category A1/A3 (Drone)