


PERSONAL INFORMATION



Noémi Szász

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 ORCID ID: 0000-0002-6433-9885

 MTMT ID: Szász Noémi (hidrogeológia)

Date of birth: 23/08/1993 | Nationality Hungarian

POSITION

Ph.D. student / Assistant research fellow

WORK EXPERIENCE

2020 September– until now

Assistant research fellow

University of Miskolc – Faculty of Earth and Environmental Sciences and Engineering, Institute of Water and Environmental Management, Miskolc (HU)

2020 September. – until now.

Ph.D. student

University of Miskolc – Faculty of Earth and Environmental Sciences and Engineering, Institute of Water and Environmental Management, Miskolc (HU)

2014 – 2018.

Geophysicist internship

Háromkő Földtani és Geofizikai Kutató Bt., Miskolc

2019. – 2020.

Demonstrator

University of Miskolc – Faculty of Earth and Environmental Sciences and Engineering, Institute of Water and Environmental Management, Miskolc (HU)

EDUCATION AND TRAINING

2020 - until now

Ph.D. in Earth Sciences

EQF level 8

Mikoviny Sámuel Doctoral School Of Earth Sciences

Research on applied geology and hydrogeology:

2018 - 2020

**Hydrogeologist engineer (MSc. in Hydrogeology)
(Grade: Excellent) – degree language: english**

EQF level 7

University of Miskolc – Faculty of Earth and Environmental Sciences and Engineering, Institute of Water and Environmental Management, Miskolc (HU)

2012 - 2018

**Earth science engineer (BSc. in Geological Engineering)
(Grade: Good)**

EQF level 6

University of Miskolc – Faculty of Earth and Environmental Sciences and Engineering

2008 - 2012

Secondary school (major: biology and chemistry)

EQF level 4

Lévay József Református Gimnázium és Diákotthon, Miskolc (HU)

PERSONAL SKILLS

Mother tongue(s) Hungarian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
07/2020 – Miskolci Egyetem					

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 good presentation skills

Digital skills

- **Geoinformatical softwares:** Surfer, Grapher
- **Mathematical softwares:** Matlab, OriginLab
- **Graphic design softwares** Adobe Photoshop, Adobe Lightroom, Adobe After Effects, Adobe Premier Pro, Coreldraw, Gimp
- **Operation systems:** Windows, macOS
- **Office softwares:** MS Office

ADDITIONAL INFORMATION

Honors and awards

- Laboratory investigation of back-diffusion and sorption properties of contaminants - Diploma thesis (2020), Hungarian Chamber of Engineers, Environmental Protection Section - Environmental Protection Diploma Award
- Laboratory investigation of back-diffusion and sorption properties of contaminants , Scientific Student Conference, University of Miskolc, 2019 -2nd place and Lecturer Award
- Laboratory investigation of back-diffusion and sorption properties of contaminants - Diploma thesis (2020), Lászlóffy Woldemár diploma thesis competition, 3rd place

Scientific interest

- Hydrology, Hydrogeology
- Soil mechanics
- Geotechnics, Environmental geotechnics
- Remediation techniques
- Labor and field investigations

Memberships

- University of Miskolc - TEKH College (member) (2018- 2022)
- University of Miskolc, Faculty of Earth and Environmental Sciences and Engineering, Member of the Student Government – MSc class representative (2018-2020)
- University of Miskolc, Faculty of Earth and Environmental Sciences and Engineering, member of the Social Scholarship Committee (2018-2020)

Projects

- **EFOP-3.6.1-16-2016-00011:** Youthful and renewable University Innovative Knowledge City, Institutional development of the University of Miskolc for intelligent specialization: Investigation of mechanical behavior of bricks treated with red mud residue additives (2021)
- **GINOP-2.3.2-15-2016-00031:** INNOVÍZ- Innovative solutions for the sustainable utilization of underground water resources: Tool development and laboratory tests for a better understanding of the phenomenon of rediffusion (2020)
- **TKP-17-1/PALY-2020:** University of Miskolc, "Developments that increase social utility in the field of more effective exploitation and utilization of natural resources under the domestic surface": Effect of various contaminants on the consolidation and seepage factor of clayey soils
- Creation and complex development of National Laboratories" RRF-2.3.1-2021