

PERSONAL INFORMATION



Dr. Péter Pecsmány, PhD

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Date of birth: 17/01/1993 | Nationality Hungarian

POSITION

Assistant Professor

WORK EXPERIENCE

- 01/2024 - Present **Assistant Professor**
University of Miskolc - Department of Physical Geography, Miskolc (Hungary)
- 12/2021 – 12/2023 **Research Fellow**
University of Miskolc - Department of Physical Geography, Miskolc (Hungary)
- 02/2021 – 11/2021 **Assistant Research Fellow**
University of Miskolc - Department of Physical Geography and Environmental Sciences, Miskolc (Hungary)
- 09/2017 – 08/2021 **PhD Candidate**
University of Miskolc - Department of Physical Geography and Environmental Sciences, Miskolc (Hungary)
- 09/2015 – 07/2017 **Institutional Demonstrator**
University of Miskolc - Institute of Geography and Geoinformatics, Miskolc (Hungary)
- 02/2015 – 09/2015 **Logistics Engineer Trainee**
Robert Bosch Energy and Body System GmbH, Miskolc (Hungary)
- 02/2014 – 06/2014 **Demonstrator**
University of Miskolc - Institute of Geography and Geoinformatics, Miskolc (Hungary)

EDUCATION AND TRAINING

- 2017 - 2021 **Ph.D. in Earth Sciences (Grade: Summa cum laude)** EQF level 8
University of Miskolc Mikoviny Sámuel Doctoral School of Earth Sciences, Miskolc (Hungary)
Research area: Structural morphology, Geomorphology, Geostatistics, Geoinformatics
Date in which degree was obtained: 21/10/2021.
- 2023 - **M.Sc. in Petroleum and Natural Gas Engineer** EQF level 7
University of Miskolc Faculty of Earth and Environmental Science and Engineering, Miskolc (Hungary)
- 2015 - 2017 **M.Sc. in Geography – Geoinformatics (Grade: with honours)** EQF level 7
University of Miskolc Faculty of Earth Science and Engineering, Miskolc (Hungary)

- 2011 - 2014

B.Sc. in Geography – Researcher in Geoinformatics (Grade: Excellent)
 University of Miskolc Faculty of Earth Science and Engineering, Miskolc (Hungary)

EQF level 6
- 2007 - 2011

High-school graduation (Specialisation: Trade and Marketing)
 St. Lawrence Catering and Tourism Secondary School, Eger (Hungary)

EQF level 4

PERSONAL SKILLS

Mother tongue(s) Hungarian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	B2	B2	B2	B2	B2
Staatliche Anerkanntes Sprachprüfungszeugnis (BME) Staatliche Anerkanntes Sprachprüfungszeugnis (University of Corvinus)					
English	B2	B2	B2	B2	B2
E-000085/2014 - 8/2018 – University of Miskolc 9/2021 - PhD professional language exam – University of Miskolc					
Spanish	A1	A1	A1	A1	A1
University of Miskolc – T/2023/241275-1					

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, QGIS, SAGA GIS, GRASS GIS, MultiSpec, Surfer, Geomedia, Mapviewer
- **Geological software:** RockWorks, Petrel, Stereonet, WinTensor
- **Mathematical software:** Matlab, Octave
- **Graphics software:** PhotoShop, Gimp, Inkscape
- **OS:** Windows, Linux
- **Office software:** MS Office, OpenOffice, SPSS, PaGOS, SAP, Grapher
- **Programming skills:** Matlab, Python, HTML, PHP, SQL, Java
- **ECDL (European Computer Driving Licence)**

ADDITIONAL INFORMATION

Scientific interest

- Geomorphology
- GIS applications in Earth Science
- Geostatistics, Geomath
- Geological and Geomorphological mapping
- Neotectonics
- Structural morphology
- Structural geology
- Quaternary Research
- Geodynamics of Carpathian-Pannonian Region
- Si-rich volcanic rocks of the Bükkalja Volcanic Field
- Flood Risk Modelling
- Basin analysis
- Hydrocarbon Geology
- Hydrocarbon transportation
- Trends in residential and industrial gas consumption in Hungary and Europe

- Honours and awards**
- 2022 - Dean's Commendation Awards (University of Miskolc)
 - 2021 - New National Excellence Program (ÚNKP) – Predoctoral Fellowships (6 month)
 - 2017 - Diploma Honoris Causa
 - 2017 - Special Award - National Scientific Students' Associations Conference (Geomorphology section)
 - 2017 - METALLI: FODINARUM CULTURAE STUDIUM PRAEMIAT (Academic Honorary Medal - Gold grade)
 - 2016 - Lecturer award - Students' Scientific Conference
 - 2016 - Award: 2st place, Students' Scientific Conference (Miskolc, Hungary)
 - 2016/17 - Scholarship: Fellowship granted by the Republic
 - 2015 - Lecturer award - Students' Scientific Conference
 - 2015 - Award: 2st place, Students' Scientific Conference (Miskolc, Hungary)
 - 2015 - Cultural Prize (Village of Szihalom)
 - 2014 - METALLI: FODINARUM CULTURAE STUDIUM PRAEMIAT (Academic Honorary Medal - Gold grade)
 - 2013 - Lecturer award - Students' Scientific Conference
 - 2013 - Award: 1st place, Students' Scientific Conference (Miskolc, Hungary)
 - 2013 - METALLI: FODINARUM CULTURAE STUDIUM PRAEMIAT (Academic Honorary Medal - Bronze grade)
 - 2011 - St. Lawrence Prize
 - 2010 – Honor Prize (City of Mezőkövesd)
- Further training**
- 2021 - Teaching methodology, Competence-development-based teaching and Smart education–TrainESEE pilot Acceleration Program
- Memberships**
- Society of Petroleum Engineers (2023-)
 - European Association of Geoscientists and Engineers (Member) (2016 -)
 - Member of public body of Hungarian Academy of Sciences (2022 -)
 - Hungarian Academy of Science - Scientific Committee on Geochemistry, Minerals and Petrology, Petrological subcommittee (Member) (2017 -)
 - Hungarian Academy of Science - Scientific Committee on Physical Geography (Member) (2022 -)
 - Hungarian Academy of Science - MAB - Working Committee on Geography (Voting Member) (2023 -)
 - Special College for Research and Application of Natural Resources (Member) (2017-2023)
 - MTA-ELTE Volcanology Research Group (Associate)
 - University of Miskolc Faculty of Earth Science and Engineering - Faculty Website Committee (president)
- Projects**
- **EFOP-3.6.1-16-2016-00011:** Fiatalodó és megújuló Egyetem Innovatív Tudásváros, A Miskolci Egyetem intelligens szakosodást szolgáló intézményfejlesztése
 - **TÁMOP-4.2.2.B-15/1/KONV-2015-0003.** - „ÚTON a tudomány felé – tehetséggondozás. Az iskolapadtól a kutatói hivatásig” - Kutatási ösztöndíj (A és B komponens), Kutatás vezetője: Pecsmány Péter. Értekezés: Negyedidőszaki felszínfejlődés vizsgálata a Tardi-patak középső és alsó szakaszán.
 - **HUSK/1001/2.1.2,** (2007-2013) Magyar-Szlovák együttműködési program és az Európai Unió közös projektje - „Módszertani tanulmány a helyi önkormányzatok és egyéb szervek árvíz elhárítási folyamatra való felkészülésének segítésére, tudásszintjük növelésére a vízrajzi vízföldtani adottságok alapján, az érvényes európai és nemzeti jogszabályokkal összhangban”
 - **HUSK/1001/2.1.2/0058** s názvom „Štúdia stavu pripravenosti samospráv a ďalších entít na riešenie protipovodňovej ochrany, zvýšenie ich vedomostnej úrovne v súlade s platnými právnymi predpismi”
- Publications**
- MTMT ID: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10060534>
 - ResearchGate: <https://www.researchgate.net/profile/Peter-Pecsmany>
 - ORCID: <https://orcid.org/0000-0002-6047-3286>
 - Google Scholar: <https://scholar.google.com/citations?hl=hu&user=SBVDUFYAAAAJ>
- Driving licence** Category B (Auto), Category A1/A3 (Drone)