

PERSONAL INFORMATION

Judit Molnár PhD



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Sex female | Place/Date of birth Miskolc, 11/07/1986 | Nationality Hungarian

WORK EXPERIENCE

- 2017- **Associate professor**
University of Miskolc
Institute of Physics and Electrical Engineering, Department of Electrical and Electronic Engineering
- 2015-2017 **Assistant professor**
University of Miskolc
Department of Electrical Engineering & Electronics
- 2014-2022 **Research fellow**
Hungarian Academy of Sciences – Office of Academy-supported Research Groups Affiliated with Universities and Other Institutions
MTA-ME Geoengineering Research Group
- 2013-2014 **Assistant research fellow**
Hungarian Academy of Sciences – Office of Academy-supported Research Groups Affiliated with Universities and Other Institutions
MTA-ME Geoengineering Research Group
- 2011-2013 **Assistant research fellow**
University of Miskolc
Department of Geophysics

EDUCATION

- 2025 **Engineer-economist**
Budapest Business University
- 2017 **Electrical engineer**
University of Miskolc
Qualification: Diploma with honours
- 2013 **PhD**
University of Miskolc
- 2009 **Environmental geophysical engineer**
University of Miskolc
Qualification: Diploma with honours
- 2004 **High-school graduation**
Ferenc Földes Grammar School (Miskolc)

PERSONAL SKILLS

Mother tongue Hungarian

Other languages

LISTENING		SPEECH		WRITING
Comprehension	Reading	Conversation	Running speech	

English	B1	B2	B2	B2	B2
Hungarian state language certificate - intermediate level C type (2003)					
German	A1	A2	A2	A2	A2
IOK PhD language exam (2012)					

Computer user skills MATLAB, LabVIEW, Microsoft Office tools, Golden Software programs

Driving licence B category

ADDITIONAL INFORMATION

Taught subjects Electromagnetic Theory I. (BSc), Electromagnetic Theory II. (BSc), Electromagnetic Theory III. (BSc), Electrical engineering (BSc), Electrical engineering-electronics (BSc), Economic aspects (postgraduate), Basics of Geoinformatics (BSc), Geoinformatics (BSc), Engineering geophysics (MSc), Chapters from continuum physics (PhD)

Scholarships Pál Erdős Young Researcher Scholarship- National Excellence Program (2014)
 Campus Hungary short field trip scholarship (2013)
 Predoctoral scholarship - TÁMOP-4.2.2/B-10/1-2010-0008 (2012)
 Fellowship granted by the Republic (2005-2007)

Honours and awards Award of Program Zenó Terplán of year 2016/17 (2017)
 Medal for study - bronze grade (2014)
 MAB István Szentpáli Scientific Award (2013)
 Memorial award of the Association of Hungarian Geophysicists (2013)
 Meeting of Young Scientists, theoretical category - 1st award (2011)
 Medal for study - silver grade (2007)
 Medal for study - gold grade (2006)
 Medal for study - silver grade (2005)

Courses Site Management and Website Development course, Miskolc (22-30/05/2014)
 Modern methods of the interpretation of well logging data, short course, Miskolc (26-27/08/2013)
 MALA Training Course of GPR, Miskolc (07-09/12/2010)

Projects supported by the EU NP2022-II-4/2022
 EFOP-3.6.1-16-2016-00011 (2019)
 GINOP-2.2.1-15-2017-00090 (2018-2019)
 TÁMOP-4.2.2.D-15/1/KONV-2015-0030 (2015)
 OTKA K109441 (2013-2015)
 TÁMOP-4.2.2.A-11/KONV-2012-0049 (2013-2015)
 TÁMOP-4.2.2.A-11/1/KONV-2012-0005 (2013-2014)
 TÁMOP-4.2.1.B-10/2/KONV-2010-0001 (2011-2012)

- Memberships**
- MTA MAB Mechanical and Informatics Committee, Electrical Engineering and Information Technology Working Committee (2017-)
 - Hungarian Academy of Sciences, X. Section of Earth Sciences - Public Board member (2013-)
 - European Association of Geoscientists and Engineers - Member (2010-)
 - Association of Hungarian Geophysicists - Youth Board member (2012-2014)
 - Association of Hungarian Geophysicists - Board member of the Northern Hungary Chapter (2012-2015)
 - Conference & Exhibition on Earth Sciences and Environmental Protection - Secretary of the Scientific Committee (2012)
 - Association of Hungarian Geophysicists - Member (2010-)