


## PERSONAL DATA



## Prof. Dr. Norbert Péter Szabó DSc

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Gender Man | Date of Birth 04/01/1976 | Nationality Hungarian

## WORK EXPERIENCE

- |           |   |
|-----------|---|
| 2020-     | <b>Deputy Dean for Science</b><br>Faculty of Earth and Environmental Sciences and Engineering, University of Miskolc, Hungary             |
| 2020-     | <b>Head of Department</b><br>Department of Geophysics, University of Miskolc, Hungary   |
| 2020      | <b>Director of Institute</b><br>Institute of Geophysics and Geoinformatics, University of Miskolc, Hungary                                |
| 2016-2019 | <b>University full professor</b><br>Department of Geophysics, University of Miskolc, Hungary  |
| 2012-2016 | <b>Habilitated associate professor</b><br>Department of Geophysics, University of Miskolc, Hungary  |
| 2012-2016 | <b>Associate professor</b><br>Department of Geophysics, University of Miskolc, Hungary  |
| 2010-2012 | <b>Assistant professor</b><br>Department of Geophysics, University of Miskolc, Hungary  |
| 2008-2009 | <b>Researcher and visiting professor</b><br>Department of Civil and Environmental Engineering, Helsinki University of Technology, Finland |
| 2003-2010 | <b>Assistant lecturer</b><br>Department of Geophysics, University of Miskolc, Hungary   |

## QUALIFICATION

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|------|---|
| 2021 | <b>DSc</b><br>Hungarian Academy of Sciences<br>Title of thesis: „interpretation of well logging data using factor analysis and inversion methods”<br>Result: 100 %  |
| 2016 | <b>dr. habil.</b><br>University of Miskolc, Hungary<br>Title of thesis: „Method developments for the evaluation of well logging measurements”<br>Result: 99 %   |
| 2005 | <b>PhD</b><br>Sámuel Mikoviny Doctoral School, University of Miskolc, Hungary<br>Title of thesis: „Modern inversion methods for the interpretation of well logging data”<br>Degree: Summa cum laude   |
| 1999 | <b>MSc, graduate earth science (geophysical) engineer</b><br>Department of Geophysics, University of Miskolc, Hungary<br>Title of thesis: „Analysis of local and interval inversion methods for evaluating well logging data using linearized and global optimization methods”<br>Degree: Excellent |
| 1994 | <b>High-school graduation</b><br>Avasi Secondary Grammar School, Miskolc, Hungary   |

## PERSONAL SKILLS

Mother Tongue Hungarian

Other Language	LISTENING		SPEECH		WRITING
	Comprehension	Reading	Conversation	Running speech	
English	C1	C1	C1	C1	C1
Hungarian state language certificate (intermediate level C type) Common European Language Reference System					

German PhD language exam (other learnt languages: French, Russian)

Computer User Skills MATLAB coding, Delphi, Microsoft Office™ tools, Golden Software, ALT WellCAD, Schlumberger

Other Skills Jazz-rock drumming (<http://www.youtube.com/watch?v=cZsUiRAuAOs>)

Driving License B category (European Union Compatible)

**ADDITIONAL INFORMATION**

**Taught Subjects** Geophysics I-II. (BSc), Geostatistics I-II. (BSc, MSc), Earth Science Statistics (MSc), Well-logging College (MSc), Software Engineering (BSc), Software Development I. (MSc), Geophysical Exploration Methods I. (MSc), Hydrogeophysics (MSc), Modern statistical methods (PhD), Interpretation of Gravity Data (PhD), New Results of Borehole Geophysics (PhD), MATLAB programming language (PhD), Introduction to Geophysical Literature (MSc), Engineering and mining geophysics (EGEC MSc), Geophysical Modeling (Aalto University MSc), Environmental and engineering geophysics (MSc), Introduction to Petrophysics (MSc), Petrophysics II. - Well logging interpretation (MSc), Special methods in well logging (PhD), Scientometrics, publishing (PhD)

**Fields of Research** Applied Geophysics, Well logging, Hydrogeophysics, Machine Learning, Geophysical Inversion Method Development, Multivariate (Exploratory) Statistics

**Scholarships and Lead Projects** Hungarian Oil and Gas Company (2000), Hungarian Oil and Gas Company (2001-2002), Helsinki University of Technology supported by IASTE (2002), János Bolyai Scholarship supported by the Hungarian Academy of Sciences (HAS) (2012-2015), OTKA PD supported by the Hungarian Scientific Research Fund (2013-2016), OTKA K supported by National Research, Development and Innovation Office (2020-2024), NKFIH 2019-1.3.1-KK (CCS modul) supported by National Research, Development and Innovation Office (2020-2024), MTA FFT FTA (Hydrogeophysics modul) supported by the HAS (2023-2027)

**Conference Participations** EAGE and other international conferences (Moneasa - 2002, Stavanger - 2003, Madrid - 2005, Vienna - 2006, London - 2007, Helsinki - 2009, Dublin - 2009, Leicester - 2011, Rome - 2013, London - 2013, Vienna - 2016, Amsterdam - 2016, Rome - 2018, Dubrovnic - 2021)

**Awards Granted** Award for his scientific student thesis (1997), Gold medal for his studies from the University of Miskolc (1999), Award for supervising scientific student thesis (2000), Award for supervising scientific student thesis - XXV. OTDK (2001), Award for his work from the Association of Hungarian Geophysicists (2009), János Csókás Prize from the Hungarian Association of Geophysicists for the best paper of the year (2011), Award for supervising scientific student thesis (2011), Excellent Researcher of the University of Miskolc (2013), Award for supervising scientific student thesis - XXXI. OTDK (2013), Award for supervising scientific student thesis (2013), László Egyed medal from the Hungarian Association of Geophysicists (2014), Attila Meskó Award from the Hungarian Association of Geophysicists for the best paper of the year (2016), Bolyai Plaque from the Hungarian Academy of Sciences (2016), Award for supervising scientific student theses - XXXIII. OTDK (2017), János Renner medal from the Hungarian Association of Geophysicists (2017), TDK consultant certificate (2018-2020), Excellent Researcher of the University of Miskolc (2020), Signum Aureum Universitatis (2021), University of Miskolc Outstanding Researcher (2022)

**Services and Positions** Association of Hungarian Geophysicists - member (1999-), Committee of Juniors of the Association of Hungarian Geophysicists - member (2002-2005), Public Body of the Hungarian Academy of Sciences - member (2005-), European Association of Geoscientists and Engineers - member (2006-), Advisory Board of the Foundation of the Association of Hungarian Geophysicists - member (2007-), Northern

Hungary Chapter of the Association of Hungarian Geophysicists - secretary (2012-2016), EAGE Miskolc Student Chapter - faculty advisor (2013-), Scientific Committee of the Association of Hungarian Geophysicists - member (2017-), Drafting Committee of Hungarian Geophysics journal (2017-), Geophysical Scientific Committee of the Hungarian Academy of Sciences - secretary (2017-), Scientific Committee of the Association of Hungarian Geophysicists - president (2018-), Associate editor of Acta Geodaetica et Geophysica (2019-), Core member of Mikoviny Sámuel Doctoral School of Earth Sciences and member of Doctoral Council (2019-), Editorial Board of Geosciences and Engineering - member (2019), Organizing Committee of Inversion Conference Miskolc - chair (2020), Acta Geodaetica et Geophysica 56/4 - guest editor (2021), MTA non-academic assembly representative (2022-), Organizing Committee of Inversion Conference Miskolc - chair (2022), Organizing Committee of microCAD Conference - member (2022), Committee of Geoscience and Engineering - editor-in-chief (2023-)

Indicators of scientific impact IF=75.937, Hirsch index=14, Independent citations=375, IF papers=35, Scientific papers=184.

Full list of publications <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10012027>

Researchgate profile [https://www.researchgate.net/profile/Norbert\\_Szabo2](https://www.researchgate.net/profile/Norbert_Szabo2)