

**23<sup>rd</sup> October 2023, Jeddah, KSA**

**Motivation Letter:** Application for Leadership of the IAVCEI Commission on Volcanic Geology

To whom it may concern,

I am providing this short motivation letter to outline the reason I am applying to serve as a co-leader of the IAVCEI Commission on Volcanic Geology. In the past I successfully lead the IAVCEI Commissions on Volcaniclastic Sediments, Monogenetic Volcanism and Volcanic Geoheritage and Protected Volcanic Landscapes. In each of these commissions while I served as co-leader significant outputs emerged in the form of conferences, workshops, and publication series, all enforced the position of these research areas within the volcanic community and beyond. I hand over the leader role in these commissions, and I am particularly happy with the strong ground these commissions stand right now to function as key scientific hubs joining generations of experts from the early carrier to senior levels. Now, I am looking for other fields closer to my current research position as a Geological Survey Geologists, where I can share my expertise and continue the growth of the Commission on Volcano Geology.

In recent years my research interest turned toward volcano geology and been contributed to numerous research projects, mapping campaigns and publications as I felt the increasing importance of applying geological tools to understand volcanic facies, geological architecture of volcanic terrains, and volcanism influenced sedimentary systems. I am also moved to a new researcher role being a volcano expert within the Saudi Geological Survey, but also retaining academic positions at Massey University in New Zealand and holding researcher status at the Institute of Earth Physics and Space Sciences in Hungary. My increasing role within understanding volcanic systems provide an ideal environment to gain experiences on mapping volcanic terrains from ancient to modern and utilize the volcano geology information to natural hazard prediction to mineral resource exploration. I feel my expertise, based on over 20 years of experience, reached the level to be able to share its diversity for the community.

In case of being elected as a co-leader for the Volcano Geology Commission of IAVCEI, I would look for opportunities to find and promote the link between seemingly distant disciplines within geology and apply geological principles on observation and field-based approaches to volcanic systems. I would actively search for links to communities like sedimentologists, economic geologists, and hazard specialists to promote volcano geology as a fundamental corner stone of volcanology. Generating broader output avenues to promote volcano geology or workshop and seminar series from local to global would also be an important aim to achieve. As a commission within IACVEI, work toward understanding common stratigraphy principles and their application for lithostratigraphy characterization of volcanic rock units and making the commission as a globally recognized entity in volcano stratigraphy issues.

During my term I would expand the commission scopes to build bridges toward the sedimentological community through joint workshops or field schools. I would also explore new places where ancient and modern volcanic features can be connected, and field workshops could be offered. I am particularly interested in involving experts from regions of Africa, Middle East, Central Asia, or the SW Pacific Islands that are currently underrepresented within IACVEI in general.

I also wish to work with the younger generation as well as experts with diverse background the facilitate a global acceptance of volcano geology as a core aspect of volcano science.

Best regards

Prof Karoly Nemeth

## CV

**Name: Dr Károly Németh**

**Birthplace and time: Budapest, 1969. 04. 03.**

**Citizenships: New Zealand, Hungarian (EU)**



### **Studies:**

- 1998-2001: University of Otago, Dunedin, New Zealand, PhD Research student  
1995-1998: ELTE TTK, Budapest Doctoral School, Geography – Earth Science Program  
1989-1995: ELTE TTK, Budapest, Geology MSc  
1993: Montessori Teacher Degree, Vienna (Austria)  
1988-1989: ELTE TTK, Budapest, Geophysics MSc  
1983-1987: Szabó József Geological Highschool, Geophysicists Technician, Tatabánya, Hungary

### **Qualifications:**

- 1995 Diplom/MSc in Geology (ELTE TTK, Budapest)

### **Scientific Degrees:**

- 2022 Adjunct Professor in Geology (Massey University, Palmerston North, New Zealand)  
2020 Doctoral Mentor Supervisor (Massey University, Palmerston North, New Zealand)  
2019 Professor in Geology (Massey University, Palmerston North, New Zealand)  
2003 PhD (Environmental Sciences, University of Western Hungary, Sopron)  
2001 PhD (Geology, University of Otago, Dunedin, New Zealand)

### **Languages:**

- |                |                                         |
|----------------|-----------------------------------------|
| Hungarian      | native language                         |
| English        | upper level (University of Otago, 2001) |
| Russian        | basic level (ELTE, 1995)                |
| German         | basic communication                     |
| Spanish        | basic communication                     |
| Bislama/Pidgin | basic communication                     |

### **Workplaces:**

2022-	Saudi Geological Survey – Volcanology Expert (full time)
2022-	Istituto Nazionale di Geofisica e Vulcanologia (INGV), Bologna, Italy – Honorary Research Associate
2021-	ELKH, Institute of Earth Physics and Space Science, Sopron, Hungary – Senior Researcher (part time)
2019-	Massey University, Palmerston North – Professor in Geology (since 2022 as an Adjunct Professor in Geology)
2012-2013	King Abdulaziz University, Jeddah, Saudi Arabia – Associate Professor
2008-2019	Massey University, Palmerston North – Research Officer, Senior Research Officer, Senior Lecturer then Associate Professor
2005-2008	Massey University, Palmerston North – FRST Postdoctoral researcher
2002-2005	ELTE Regional geology Department – Magyary Zoltán Post-Doctoral Fellowship
2002-2004	Geological Institute of Hungary, Mapping and Geological Basic Research Departments – Researcher then Senior researcher
1996-1998	University of Otago, Dunedin – Research Assistant
1995-1996	Geological Institute of Hungary, Limnology Department – Researcher

### **International Experiences:**

Argentina	2023- Volcanosedimentary systems of the Miocene north Patagonian region (ongoing post-doctoral mentorship for a project funded by CONECYT, Argentina)
China:	2019-20 Chinese Academy of Sciences Researcher Exchange Program (2 month)
Chile	2017-18 Universidad Catholica de Norte, Antofagasta – Chile Science Foundation CONICYT Volcanology Research and Teaching Program (3 occasion for one month each)
Colombia:	2017 Universidad de Caldas, Manizales – Invited Volcanological Expert and Course Coordinator (2 weeks)
Japan:	2017-19 Japan Geological Survey, Tsukuba – Visiting Researcher (4 month within 2-year period)
Colombia:	2016 Geological Survey of Colombia, Bogota - Invited Volcanological Expert and Course Coordinator (2 weeks)
Saudi Arabia:	2015 King Abdullah University of Science and Technology, Jeddah – Visiting Lecturer (10 days)
Saudi Arabia:	2012-13 King Abdulaziz University, Jeddah – Visiting Researcher (1 year)
Argentina:	2009 Royal Society of New Zealand, ISAT – NZ – Argentina Researcher Exchange (1 month)
Japan:	2008 University of Tokyo, Royal Society of New Zealand, JSPS Research Fellowship (2 month)
New Zealand:	2005-2008 Massey University, Palmerston North – FRST Post-doctoral Fellowship (3 years)
Samoa:	2007 SOPAC – UNESCO in cooperation with Samoa Ministry of Natural Resources Volcanic Hazard Research (3 month)

South Korea:	2007 Royal Society of New Zealand, ISAT – NZ – Korea Researcher Exchange (1 month)
USA, Idaho:	2007 Boise State University, Idaho - Fulbright Research Fellowship (3 month)
Vanuatu:	2006 Vanuatu Natural Resources, NZAid through GNS Science (3 month)
Chile:	2003 Universidad Catholica de Norte, Antofagasta – DFG German Research Foundation (1 month)
Argentina:	2003 University of Patagonia, Puerto Madryn, Argentina – Hungary Bilateral Science Cooperation (3 month)
Germany:	2002-2004 TU-Bergakademia, Freiberg BMBL German Ministry of Environment Research Program (3 month in multiple times)
Germany:	2002-2004 TU-Bergakademia, Freiberg DAAD Researcher Exchange (3 month in multiple times)
New Zealand:	1998-2001 University of Otago, Dunedin, Postgraduate Scholarship (3 years)
New Zealand:	1996 University of Otago, Dunedin, ELTE Peregrinatio II Fellowship (3 month)
The Netherland:	1993 Vrije Universitaet, Amsterdam – Tempus Scholarship (3 month)
USA, California:	1994 Montessori Educational Centre, San Francisco – Montessori Teacher scholarship (7 month)

### **Research Grants:**

2021	Massey University Research Fund - Small-volume volcanism in the Miocene Coromandel Volcanic Arc. – 3,000 NZD
2017-21	GNS – EQC – DEVORA – Geoheritage and geodiversity of the Auckland Volcanic Field – 65,000 USD
2017-19	Royal Society Catalyst: Seeding Fund - What is in the throat of a volcano? Understanding small-volume volcanos through examples from Japan and New Zealand. – 60,000 USD plus GST
2018	MBIE Catalyst China – New Zealand Program - Monogenetic volcanism in NE China – 2,000 USD
2016	Massey University Research Fund - What happens next? Modelling the eruption pattern of monogenetic volcanoes – 7,500 USD
2014	Massey University Research Fund - Understanding the formation of diatremes and craters – 8,500 USD
2009	Massey International Visitor Fund - The age of Zealandia – 3,000 USD
2008	Massey University Research Fund - “Diatremes of Chatham” - to develop research-based links to experts on Chatham Islands volcanic geology. 8,000 USD
2008	Royal Society of New Zealand - Diatremes in a Soft-Substrate Environment, Their Link to Phreatomagmatic Volcanoes and their Implications in Understanding Maar-Diatreme Volcanism of the Auckland – 3,500 USD
2008	UNESCO South Pacific Office - Geological Hazard Assessment in Samoa – 8,000 USD
2008	Royal Society of New Zealand, JSPS Fellowship - Subaqueous silicic caldera forming eruptions in the Pacific; Comparison study of the Kikai Caldera, Japan, and SW-Pacific examples – 55,000 USD
2007	Royal Society of New Zealand - Role of phreatomagmatism in mafic explosive volcanism in Northern Patagonia and the Auckland Volcanic Field – 3500 USD
2005-08	FRST Post-doctoral Fellowship - Mafic explosive volcanism in the SW Pacific -

- 300,000 USD
- 2005 Fulbright Hungary Mio/Pliocene phreatomagmatic volcanism in Idaho in association with a changing fluvio-lacustrine environment – 10000 USD
- 2003-06 OTKA F43346(2003-2006) Mio/Pliocene phreatomagmatic volcanism in the western Pannonian Basin – 25,000 USD
- 2003-04 Ministry of Education (Hungary) Bilateral research Cooperation – Argentina – Hungary – 3,000 USD [Monogenetic volcanism in Patagonia]
- 2002-2004 Magyary Zoltán Post-doctoral fellowship 35,000 USD
- 1996 ELTE Peregrinacio II – Volcanological Study Trip – 12,000 USD

**Memberships of Scientific Organisations:**

- 2009- Magyarhoni Földtani Társulat – Hungarian Society of Geology
- 2009- American Geophysical Union
- 2009- European Geoscience Union
- 2006- Geoscience Society of New Zealand
- 2004- International Association of Sedimentologists (IAS)
- 2002- International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

**Scientific Roles:**

- 2021- UNESCO IGCP 692 – Geoheritage for Geohazard Resilience Project co-leader
- 2022- International Association of Sedimentologists Vice President
- 2013- IAVCEI Commission on Volcanic Geoheritage and Protected Volcanic Landscapes – Founder and Elected Co-Leader
- 2018- Massey University Doctoral Mentor Supervisor
- 2017- IAVCEI Commission on Volcano Geology – Elected Co-Leader
- 2004-2018 IAVCEI Commission on Monogenetic Volcanism – Founder and Elected Co-Leader
- 2016-2018 Massey University Head of Earth Science Program Leader
- 2004-2012 IAVCEI Commission on Volcanogenic Sediments – Elected Co-Leader
- 2011-2015 IAVCEI Executive Committee Member – Elected co-chair
- 2015-2022 IAS New Zealand National Correspondence Person

**Editorial Board Member:**

- 2021- Frontiers in Earth Sciences – Guest Editor of Thematic Issues
- 2021- Geographies (MDPI) - Editorial Board Member

- 2021- Open Journal of Geology (SCIRP) – Editorial Board Member
- 2020- Conservation (MDPI) – Editorial Board Member
- 2020- GeoJournal of Tourism and Geosites (Uni Oradea) – Editorial Board Member
- 2016- Geosciences (MDPI) – Editor-in-Chief (Geoheritage, Geoparks and Geotourism)
- 2018- Geoconservation Research (Islamic Azad University –Isfahan Branch) - Editorial Board Member
- 2015- The Scientific World Journal (Hindawi) – Editorial Board Member
- 2015- Updates in Volcanology (inTech Open) – Book Editor
- 2010- Advances in Volcanology (Springer) Book Series Editor in Chief
- 2010- Bulletin of Volcanology (Springer) - Editorial Board Member
- 2009- Journal of Volcanology and Geothermal Research (Elsevier) - Editorial Board Member
- 2008- Open Geosciences (de Gruyter) – Editorial Board Member
- 2007, 2011, 2018 Journal of Volcanology and Geothermal Research (Elsevier) – Guest Editor of Thematic Issues
- 2017 Geoheritage (Springer) – Guest Editor of Thematic Issues
- 2015 International Journal of Earth Sciences (Springer) - Guest Editor of Thematic Issues
- 2007-15 The Open Geology Journal (Bentham) – Editorial Board Member
- 2012 Bulletin of Volcanology (Springer) – Guest Editor of Thematic Issues
- 2012 Geomorphology (Elsevier) - Guest Editor of Thematic Issues
- 2009 Sedimentary Geology (Elsevier) – Guest Editor of Thematic Issue

### **Counselling and Expert Advice Role**

- 2023 Serbian Science Foundation – Reviewer and Board Member
- 2023 Assessment of proposals for the Millennium Science Initiative – CONICYT, Chile - Reviewer and Board Member
- 2022- Australian Research Council – Project Reviewer
- 2021 Assessment of proposals for the Millennium Science Initiative – CONICYT, Chile - Reviewer and Board Member
- 2021 Australian Research Council Discovery Project - Reviewer and Board Member
- 2021 Serbian Science Foundation – Reviewer and Board Member
- 2021 UMKC Faculty Scholar Award [University of Missouri Kansas City] - Reviewer
- 2021 The Centre for Scientific and Technical Information, Republic of Uzbekistan – International Expert for Science Project Evaluations – Reviewer
- 2020 Comisión Nacional de Investigación Científica y Tecnológica CONICYT, Chile – Reviewer and Board Member
- 2002- Australian Research Council Discovery Project 2002 – Reviewer
- 2019 Australian Research Council ARC Future Fellowships Assignment - Reviewer and Board

- Member
- 2019 Czech Academy of Sciences – Reviewer and Board Member
- 2016 Czech Science Foundation – Reviewer and Board Member 2002-  
Hungarian Science Foundation (OTKA) – Reviewer
- 2015- UNESCO International Union of Conservation – UNESCO Global Geopark Desktop  
Reviewer
- 2015- Australian Research Council – Reviewer and Board Member 2005-  
Magyary Zoltan Post-doctoral Fellowship (Budapest) – Reviewer
- 2013 Canadian Science Foundation – Reviewer
- 2010 Sigma Delta Epsilon/Graduate Women in Science Fellowships, USA – Reviewer
- 2010 Slovak Science Foundation – Reviewer and Board Member
- 2010 Petroleum Research Fund, USA - Reviewer
- 2007- National Science Foundation (USA) – Reviewer
- 2005- NFKI (OTKA) – Reviewer

**Awards:**

- 2023 “Travel Award” – Geosciences, Water, Geographies (MDPI)
- 2021 “Best Paper Award” – Geosciences (MDPI)
- 2018 Jim Luhr Award –IAVCEI Award for Lifetime Achievement in the Research of  
Monogenetic Volcanism
- 2009 Massey University Research Team Medal
- 2008 OTKA – Élet és Tudomány Best Popular Science Article Award
- 2005 MTA X. Department - Szádeczky Kardos Elemér Award 1<sup>st</sup> Grade
- 2004 MÁFI Bandat Horst Award
- 2002 MTA X. Department - Szádeczky Kardos Elemér Award 1<sup>st</sup> Grade
- 1996 Pro Renovanda Hungariae – “Students for Science” Award
- 1995 ELTE TTK Eötvös Award
- 1995 OTDK Pro Scientia Gold Medal

**University courses:**

**Undergraduate Courses:**

***Courses Taught in the Past:***

- New Zealand Geology Camp – 6 week-long field class for international BSc and MSc  
students
- Introduction to Earth Sciences – BSc
- Volcanology and Mineralogy - BSc
- Volcanology – BSc/MSc
- Applied geological mapping – BSc
- Dynamic Earth – BSc
- Earth Materials - BSc
- Practical Volcanology – Block Course held in Colombia and Hungary

***PhD courses:***

- Applied and Practical Volcanology
- Modern Methods in Earth Sciences

**Research and Educational Achievements:**

- 2022: Session Chair during the GSNZ 2022 Conference in Palmerston North – Palmerston  
North, New Zealand – Section Chair

2022: Session Chair of the 10th IAG International Conference on Geomorphology – Coimbra, Portugal – Section Chair

2022/2023: Member of the Local Organizing Committee of the International Association of Volcanology and Chemistry of the Earth Scientific Assembly, Rotorua, New Zealand

2020: Session Chair during the GSNZ 2020 Conference in Christchurch – Christchurch, New Zealand – Section Chair

2020: IAVCEI – IAS Eights International Maar Conference – A – Petropavlovsk, Russia – (virtual) – Scientific Committee Member

2018-2020: Developing the Upgrade of the Introduction to Earth Sciences BSc Program at Massey University

2018: Session Chair during the XV Congreso Geológico Chileno – Concepcion, Chile – Section Chair

2018: Session Chair and Scientific Committee Member of the IAVCEI – IAS 7th International Maar Conference – Olot, Spain – Section Chair

2018: IAVCEI – IAS Seventh International Maar Conference – Olot, Spain - Scientific Committee Member

2018: 5th IAVCEI Volcano Geology Workshop – A – Palmerston North, New Zealand – Scientific and Organising Committee Chair

2017: Session Chair in the IAVCEI General Assembly – Portland, Oregon, USA – Section Chair

2016-2018: Leader of the Earth Science BSc Program at Massey University

2016-2018: Developer of the Introduction to Earth Sciences Program at Massey University

2016: IAVCEI – IAS Sixth International Maar Conference – Changchun, China – Scientific and Organising Committee Chair

2015-2017: Developing the Education Program of the Geology of New Zealand Field Course

2015: Session Chair STRATI 2015 – Graz, Austria – Section Chair

2015: Session Chair 26th General Assembly of the International Union of Geodesy and Geophysics – Prague, Czech Republic – Section Chair

2015: Session Chair [Volcanic Disasters] in the 13th International Symposium on Geo-disaster Reduction – Prague, Czech Republic – Section Chair

2014: Session Chair on the XXth Congress of the Carpath- Balkan Geological Association, Tirana, Albania: Special Session 12 - "From magma genesis to volcanic edifice growth and destruction: The Carpathian-Balkan and adjacent regions as a natural laboratory to contribute to the source to volcano model" – Section Chair

2014: Session Chair during the GSNZ 2014 Conference in New Plymouth: Ian Smith Session on Monogenetic Volcanism – New Plymouth, New Zealand – Section Chair

2014: Session Chair [Session 2 - Environmental studies of Maar lakes and other volcanic lakes: Biology, Ecology, Limnology, Paleoclimate and Lake Sedimentation AND Session 3 - Monogenetic volcanic fields: Structural and Tectonic Settings, causes of magmatic and phreatomagmatic activity] during the IAVCEI – IAS 5th International Maar Conference – B - Queretaro, Mexico – Section Chair



2013: Session Chair in International Association of Volcanology and Chemistry of the Earth's Interior Scientific Assembly – Kagoshima, Japan – Section Chair

2013: Scientific Committee Member of the Basalt 2013 Conference – Cenozoic Volcanism in Central Europe from a Global Perspective – Goerlitz, Germany – Scientific Committee Chair

2012: IAVCEI – IAS Fourth International Maar Conference – Auckland, New Zealand – Scientific and Organising Committee Chair

2011: Session Chair during the GSNZ 2011 Conference in Nelson: “Our Volcanoes: from the smallest to the biggest” – Nelson, New Zealand – Section Chair

2011: International Field Workshop on “New Advances on Maar - Diatreme Research; Results and Perspectives” – Somoskőújfalu, Hungary -Conference Chair

2011: International field workshop in Tokaj (NE Hungary) to assemble an international group of expert targets to Understand rhyolitic explosive volcanism in the Miocene Carpathian Volcanic Arc in comparison with New Zealand recent examples. Panel members: Jaroslav Lexa, Vlastimil Konceny, Pavel Baco, Patric Konecny (Slovakia); Zoltan Pecskey (Hungary), Marinel Kovacs (Romania), Bob Stewart, Shane J Cronin, Karoly Nemeth (Massey), Ian EM Smith (Auckland Uni) – Tokaj, Hungary – Scientific Panel Chair

2010: Session Leader for the Carpath-Balkan Geological Association (CBGA) Congress – Thessaloniki, Greece – Section Chair

2010: “New Advances in Maar-Diatreme Research in Hungary, Germany and New Zealand. Results and Perspectives” International Maar Workshop – Tapolca, Hungary – Scientific and Organising Committee Chair

2008: International Association of Sedimentologist – National Correspondence Person

2007: IAVCEI – IAS Third International Maar Conference – Malargüe, Argentina – Scientific and Organising Committee Chair

2006: Session Chair for the New Zealand Geological Society Annual Meeting – Palmerston North, New Zealand – Section chair

2006: Scientific Session Chair during the International Association of Sedimentologists 17th World Conference – Fukuoka, Japan – Section chair

2004: IAVCEI – IAS Second International Maar Conference – Lajosmizse, Hungary – Scientific and Organising Committee Chair

2004: Commission Meeting Chair - International Association of Volcanology and Chemistry of the Earth Interior General Assembly – Pucon, Chile – Research Committee Meeting Chair

**Reviewer of the following scientific periodicals:**

*Academia Letters, Acta Geochimica, Acta Geophysica, Advances in Anthropology, Advances in Volcanology book series, Anais da Academia Brasileira de Ciencias, Andean Geology, Annals of Geophysics, Applied Sciences, Arabian Journal of Chemistry, Arabian Journal of Geosciences, Arabian Journal of Science and Engineering, Basin Research, Boletín de Geología, Bulletin of Volcanology, Central European Journal of Geosciences, Chemical Geology, Computers and Geosciences, Contributions to Mineralogy and Petrology, Earth and Planetary Science Letters, Earth Science Reviews, Energies, Entropy, Geological Journal, Földtani Közlemény, Frontiers in Earth Sciences, Frontiers in Marine Science, Geoconservation Research, Geofluids, Geographies, Geoheritage, Geologica Carpathica, Geological Magazine, Geological Society of London Special Publications, Geology of Colombia book series, Geomorphology, Geophysical Research Letters, Geosciences Journal, Geosciences, Sensors,*

*Geosphere, Global and Planetary Changes, Heritage, International Journal of Earth Sciences, Italian Journal of Geosciences, ISPRS International Journal of Geo-Information, Journal of African Earth Sciences, Journal of Applied Volcanology, Journal of Asian Earth Sciences, Journal of Geodynamics, Journal of Geoheritage and Parks, Journal of Geophysical Research, Journal of Iberian Geology, Journal of Maps, Journal of Marine Science and Engineering, Journal of Materials Research and Technology, Journal of Mountain Science, Journal of Paleolimnology, Journal of Petrology, Journal of Quaternary Science, Journal of Quaternary Science, Journal of Sedimentary Research, Journal of South American Geology, Journal of the Geological Society, Journal of the Royal Society, Journal of Volcanology and Geothermal Research, Landslides, Lithos, MÁFI Évi Jelentés, Mineralogy and Petrology, Minerals, Natural Hazards, New Zealand Journal of Geology and Geophysics, Open Geosciences, Ore Geology Reviews, Physics of the Earth and Planetary Interiors, Planetary and Space Science, Precambrian Research, Proceedings of the Geologists Association, Quaestiones Geographicae, Remote Sensing, Review Geomorphologie, Revista Geológica de América Central, Revista Mexicana de Ciencias Geológicas, Revista Mexicana de Ciencias Geológicas, Scientific Drilling, Scientific Reports, Sedimentary Geology, Sedimentology, Social Sciences, Sustainability, Tectonophysics, The Open Geology Journal, The Scientific World Journal, Transportation Geotechnics, Turkish Journal of Earth Sciences, Updates in Volcanology book series, Volcanica, Water,*

### **Science Popularization Role:**

71 popular science articles published in my native (Hungarian) language in leading Hungarian popular science magazines such as *Természet Világa, Élet és Tudomány és Föld és Ég*

### **Pedagogical and Teaching Material Developments:**

11 pedagogical articles published in journals such as *Fejlesztő Pedagógia, Tanító, Iskolakultúra, Új Pedagógiai Szemle* on the role of Earth Sciences in the framework of Montessori pedagogy.

*Created and electronic resource packages for Introduction to Earth Sciences course that can be accessed via:*

[https://figshare.com/authors/Karoly\\_Nemeth/10989057](https://figshare.com/authors/Karoly_Nemeth/10989057)

### **MSc thesis supervision role:**

#### **22 MSc who defended their MSc thesis.**

Ivana Torres	2019	UCN Antofagasta
Gerson Escudero	2019	UCN Antofagasta
Boxin Li	2018	Massey University
Megan M. Ferguson	2018	Auckland University
Hencz Matyas	2017	ELTE TTK
Juliana Velandia	2017	Universidad de Caldas, Manizales
Zemeny Aliz	2017	ELTE TTK
Rickus van Niekerk	2016	Massey University
Kereszturi Gabor	2016	Miskolci Egyetem
April Gibson	2011	University of Waikato, Hamilton
Tehnuka Ilanko (BScHons)	2010	University of Waikato, Hamilton
Stephan Bretschneider	2005	TU-Bergakademia, Freiberg
Nina Dworazik	2005	University of Wurzburg
Andreas Auer	2004	TU-Bergakademia, Freiberg

Linda Winterlich	2004	TU-Bergakademia, Freiberg
Elizabeth Bratsch	2003	TU-Bergakademia, Freiberg
Katja Hesse	2003	TU-Bergakademia, Freiberg
Anke Hofer	2003	TU-Bergakademia, Freiberg
Mayo Karthe	2003	TU-Bergakademia, Freiberg
Matias Vilches	2021	UCN Antofagasta
Mauricio Aguilera	2021	UCN Antofagasta
Miguel Fernández Esquivel	2021	UCN Antofagasta

**PhD thesis supervisor (underlined names refer to where I was the Chief supervisor)**

**Graduated 15:**

<b><u>Boxin Li</u></b>	2023	Massey University, NZ
<b><u>Németh Boglárka</u></b>	2023	Massey University
Zemeny Aliz	2021	Massey University
Nche Anye	2021	Ibaraki University
Charline Lormand	2020	Massey University
<b><u>Kósik Szabolcs</u></b>	2018	Massey University
Aleni Fepuleai	2016	University of the South Pacific, Suva
Hugo Murcia	2015	Auckland University
Boris Chako Tchamabe	2015	Tokai University, Hiratsuka
<b><u>Javier Agustin Flores</u></b>	2015	Massey University
<b><u>Kereszturi Gabor</u></b>	2014	Massey University
Marco Brenna	2012	Massey University
Natalia Pardo	2012	Massey University
Anja Moebis	2011	Massey University
Korbély Barnábas	2005	ELTE TTK

**Currently supervising (5):**

Diego Felipe Vallejo Hincapie	2024	Universidad de Caldas, Colombia
<b><u>Vlad Zakharovsky</u></b>	2023	Massey University, NZ
April Foote	2023	Macquarie University, Australia
Carlos Corella S Cruz	2023	Massey University, NZ
Yahaya Danjuma	2025	Abubakar Tafawa Balewa University ATBU Bauchi, Nigeria
Vimoltip Singtuen	2025	Khon Kaen University, Thailand

**Links to Scientific Bibliometric Data**

Scopus Author ID: <https://www.scopus.com/authid/detail.uri?authorId=7004989401>

Loop profile: <https://loop.frontiersin.org/people/112848/overview>

ORCID ID: <https://orcid.org/0000-0003-1026-0407>

Publons ID: <https://publons.com/researcher/556605/karoly-nemeth/>

Jeddah, Kingdom of Saudi Arabia, 23<sup>rd</sup> October 2023



Signature

KÁROLY NÉMETH