

Curriculum Vitae

LÓRÁND SILYE

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<https://scholar.google.com/citations?user=nJsWbC8AAAAJ>

1. SPOKEN LANGUAGES

- Hungarian (mother tongue), Romanian (C2), English (C1), German (C1/B2)

2. EDUCATION AND ACADEMIC DEGREES

- PhD in Micropaleontology/Geology, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania, June 2010
- CEEPUS student at the Institute of Geological Sciences, Jagiellonian University, Krakow, Poland, April 2006
- Affiliate Student for 1 term, Department of Earth Sciences, University College London, UK, January 12th to June 12th, 2004
- M.Sc. in Integrated Geological Studies, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania, June 2004
- B.Sc. in Geology-Geography, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania, June 2003

3. SCHOLARSHIPS AND FELLOWSHIPS

- Research Fellowship for postdoctoral researchers granted by the Alexander von Humboldt Foundation, Germany, October 1, 2013 – September 30, 2014 and September 1, 2015 – August 31, 2016
- PhD scholarship awarded by the Romanian Ministry of Education, October 1, 2004 - October 1, 2008
- CEEPUS Scholarship for research stay at the Institute of Geological Sciences, Jagiellonian University, Krakow, Poland, April, 2006
- The Stanislaw Geroch Memorial Stipend (Stypendium im. S. Gerocha) awarded by the Grzybowski Foundation, Poland, 2004
- Erasmus Scholarship - exchange student at the Department of Earth Sciences, University College London, UK, January, 2004 – June, 2004
- Study in another Higher Education Institute Stipend awarded by the Hungarian Government for the period of April, 2002 – June, 2002 - visiting student at the Department of Physical and Historical Geology, Eötvös Loránd University (ELTE), Budapest

4. PROFESSIONAL EXPERIENCE AND AFFILIATIONS

- October, 2023 – present: Associate professor (reader), Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
- October, 2012 – October, 2023: Assistant professor (lecturer), Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
- January, 2012 – January, 2020: Course director of the Geology B.Sc. studies in Hungarian, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.
- October, 2013 – September, 2014 and September, 2015 – August, 2016: Postdoctoral Research Fellow of the Alexander von Humboldt Foundation, MARUM, University of Bremen, Germany.
- April, 2009 – June, 2009: Consultant for ExxonMobil affiliate Production Ventures East Hungary Kft.
- February, 2009 – October, 2012: Teaching assistant, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.

- October, 2008 – February, 2009: Research assistant, Integrated Geological Research Center, Babeş-Bolyai University, Cluj-Napoca, Romania.
- October, 2004 – October, 2008: PhD student with teaching duties, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania.

5. TEACHING AND SUPERVISION

- BSc level courses: Paleontology, Micropaleontology, Stratigraphy, Sedimentary petrology, and Facies analysis
- MSc level courses: The impact of climate change, Applied biostratigraphy, and Data analysis applied in paleontology
- 32 BSc and 11 MSc students supervised

6. INVITED LECTURES

- *The Cenozoic of the Transylvanian Basin and The Paleogene* Department of Physical and Applied Geology, Faculty of Science, ELTE, Hungary 13-16 April, 2026, Erasmus+ Teaching Mobility.
- *The geology of the Transylvanian Basin and its Cenozoic evolution and The significance of foraminifera in the study of Earth history*, Department of Physical and Applied Geology, Faculty of Science, ELTE, Hungary 17-20 April, 2023, Erasmus+ Teaching Mobility.
- *The Cenozoic history of the Transylvanian Basin and The use of foraminifera in the study of Earth history*, Department of Physical and Applied Geology, Faculty of Science, ELTE, Hungary 25-29 April, 2022, Erasmus+ Teaching Mobility.

7. RESEARCH INTERESTS

- Red Sea (palaeo)oceanography via benthic foraminiferal proxies
- Cenozoic benthic and planktonic foraminifera: biostratigraphy and palaeoecology
- Lower Jurassic foraminiferal assemblages
- Sedimentology of deep-water depositional (palaeo)environments

8. PUBLICATIONS AND CITATION METRICS

- authored or co-authored 37 peer-reviewed papers, 134 abstracts, 3 field-trip guide books, 2 books and 2 book chapters, 1 cruise report
- my 28 ISI papers (WOS Core Collection) received 359 citations, *h*-index: 10 (data by Clarivate WOS)

9. RESEARCH GRANTS AND PROJECTS

- Interpretation of Sarmatian biostratigraphy in the Moesia Platform – phase 2: core study, research contract with OMV Petrom, 05.2025-12.2025, 41.000 EUR, team member.
- Complex analyses (micropaleontological, paleoecological, sedimentologica, petrographical) on samples (mechanical core), research contract with RomGaz, 02.2024-02.2026, 35.000 EUR, team member.
- Interpretation of Sarmatian biostratigraphy in the Moesia Platform – phase 1, research contract with OMV Petrom, 02.2024-12.2024, 41.000 EUR, team member.
- Geological consultancy services, research contract with SaltMin, 203, ~125 EUR, PI dr. L. Silye.
- Fieldwork Mures ophiolites region, research contract with OMV Petrom, 2022-2023, 15.000 EUR, PI dr. L. Silye.
- Biostratigraphic analysis, research contract with OMV Petrom, 2022-2023, 20.000 EUR, team member.
- Micropaleontological analysis of the cores retrieved in the area of Chelopech-Zlatitsa, Bulgaria, research contract with Stockwork SRL, 2021-2022, ~3.000 EUR, team member.
- Re-interpretation of the Oligocene and Miocene biostratigraphy – 3rd phase, research contract with OMV Petrom, 05.2021-12.2022, 76.000 EUR, team member.
- Re-interpretation of the Oligocene and Miocene biostratigraphy – 2nd phase, research contract with OMV Petrom, 05.2021-12.2022, 30.000 EUR, team member.

- Re-interpretation of the Oligocene and Miocene biostratigraphy in the Eastern Carpathians Bend Zone, research contract with OMV Petrom, 05.2019-12.2019, 27.750 EUR, team member.
- EFOP-3.4.3-16-2016-00014 project: Innovative development of the teaching and service performance of the University of Szeged, to prepare for the challenges evoked by competition on the labour market and international competitiveness, 3.675.044.812 HUF (aprox. 10.300.000 €), 2017-2021, team member.
- EFOP-3.6.1-16-2016-00016 project: Improvement of the research and training profile of the SZIU Campus in Szarvas in the themes of water management, hydroculture, precision mechanical engineering, alternative crop production, 398.500.000 HUF (aprox. 1.100.000 €), 2017-2021, team member.
- Paleogene nummulitic accumulations in the Transylvania Basin: species diversity, paleoenvironments, and sedimentary facies (PALNATB), PN-III-P1-1.1-TE-2016-0793, financed by UEFISCDI, 2018-2020, 96.900 EUR, PI dr. L. Silye.
- The origin, composition and the output of the gas from the mud volcanoes and the salt mines in the Transylvanian Basin, research contract with Sand Hill Petroleum Romania SRL, 2015-2017, 83.000 USD, PI dr. L. Silye.
- Integrated study of Late Cretaceous sedimentary basins of the southern Apuseni Mountains, Romania – evolution and geodynamics, PN-II-RU-TE 313, financed by CNCSIS, Romania, 2010-2013, 168.000 EUR, team member.
- The foraminiferal assemblages at the Eocene/Oligocene boundary in the Transylvanian Basin, research grant financed by the SYNTHESYS Project financed by European Community Research Infrastructure Action under the FP6 "Structuring the European Research Area" Programme, 2010, ~1000 EUR, PI dr. L. Silye.
- Sarmatian foraminiferal assemblages from Southern Transylvania and their significance for the reconstruction of the sedimentary facies (16/411 TD), grant financed by CNCSIS, Romania, 2006-2008, ~5000 EUR, PI dr. L. Silye.

10. RESEARCH EXPEDITIONS

- MSM 48 – ADOMIS in the region off NW Africa and the Madeira Abyssal Plain, North Atlantic - November, 2015

11. AWARDS

- Gold Medal for Excellence in Supervising received National Association for Student Research (OTDT), Hungary, received in November, 2025
- Babeş-Bolyai University Excellence Award 2022 – Best teacher in innovative and cultural services to society in 2022, received from the Faculty of Biology and Geology, Babeş-Bolyai University, in January, 2023
- Gheorghe Munteanu – Murgoci Award offered by the Romanian Academy of Sciences for 2015, received on December 15, 2017
- William V. Sliter Research Award received from the Cushman Foundation for Foraminiferal Research in 2005
- Special prize, National Scientific Conference of Students, Paleontology Section, organized by the University of Miskolc, April 14-16, 2003, Miskolc, Hungary
- 3rd Prize, 4th National Meeting of Geologist Students, Paleontology – Stratigraphy Section, organized by the Cluj Student Chapter of AAPG, May 9-10, 2003, Cluj-Napoca, Romania
- 1st Prize, 4th Scientific Meeting of the Hungarian Students from Transylvania, Geology Section, organized by the Hungarian Student Union of Kolozsvar, December 7-8, 2001, Cluj-Napoca, Romania
- 2nd Prize, 2nd National Meeting of Geologist Students, Paleontology – Stratigraphy Section, organized by the Cluj Student Chapter of AAPG, March 23-25, 2001, Cluj-Napoca, Romania

12. MEMBERSHIPS

- American Association of Petroleum Geologists
- Cushman Foundation for Foraminiferal Research
- Koch Antal Geological Society
- Romanian Society of Paleontologists

13. SELECTED FIELD TRIPS (as organizer)

- August 25th to September 7th, 2012 – Carpathians. *Dalhousie University, Earth Science Honours Field Trip*. Co-organized with Culshaw, N. (Dept. of Earth Science, Dalhousie University, Halifax), and Mosonyi, M (Dept. of Geology, Babeş-Bolyai University, Cluj)
- September, 7th to 13th, 2008 – Eight International Workshop on Agglutinated Foraminifera, Cluj-Napoca. Field trip co-organized with Filipescu, S., Aroldi, C., Cetean, C., Beldean, C. (Dept. of Geology, Babeş-Bolyai University, Cluj), Kaminski, M.A. (UCL, Dept. of Earth Sciences, UK)
- October 14th to 21st, 2007 – *UCL, Dept. of Earth Sciences, M.Sc. course in Micropaleontology, field trip in Romania*. Co-organized with Filipescu, S., Cetean, C., Beldean, C. (Dept. of Geology, Babeş-Bolyai University, Cluj), Kaminski, M.A. (UCL, Dept. of Earth Sciences, UK)
- May 4th to 14th, 2007 – Carpathian Mountains & the Transylvanian Basin, Romania. *Dalhousie University, Earth Science Honours Field Trip*. Co-organized with Culshaw, N. (Dept. of Earth Science, Dalhousie University, Halifax).

14. REVIEWER

- Acta Palaeontologica Romaniae, Arabian Journal of Geosciences, Cretaceous Research, Diversity, Egyptian Journal of Aquatic Research, Energies, Földtani Közlöny, Geobios, Geoheritage, Geologia Croatica, Geologica Carpathica, Geosciences, Global and Planetary Change, Gondwana Research, Journal of African Earth Sciences, Journal of Asian Earth Sciences, Journal of Himalayan Earth Sciences, Journal of Marine Science and Engineering, Marine Geoscience and Energy Resources, Marine Micropaleontology, Marine Pollution Bulletin, Micron, Micropaleontology, Minerals, Regional Studies in Marine Science, Rivista Italiana di Paleontologia e Stratigrafia, Solid Earth Sciences, and Studia UBB Geologia.

Lóránd Silye, Ph.D.

Thursday, September 24, 2026