

CURRICULUM VITAE

PERSONAL INFORMATION

Family name, First name: **KIS, BOGLÁRKA-MERCEDESZ**

Date of birth: 17.08.1985

Nationality: Romanian

Kids: Mom of two daughters of 5 and 8 years old.

Marital status: married.

Web of science Researcher ID: *GYQ-5317-2022*

ORCID ID: 0000-0003-4458-1639

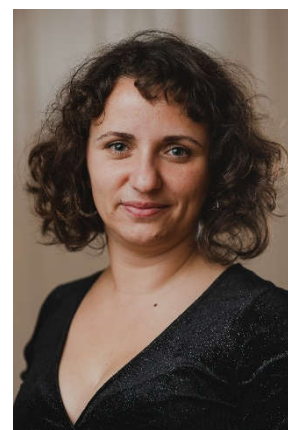
Google Scholar:

<https://scholar.google.com/citations?user=hJdQaf8AAAAJ&hl=hu>

Institutional web site: <https://biogeo.ubbcluj.ro/member/lector-dr-boglarka-mercedesz-kis/>

Personal professional web site: www.mofetta.org

Associated research: <https://vulkanologia.elte.hu/en/node/422>



EDUCATION

- 2010 – 2014 PhD at Babeş-Bolyai University, Faculty of Environmental Science and Engineering, Department of Environmental Science, Cluj-Napoca, Romania
Title of PhD Thesis: *Hydrogeochemistry of mineral waters from the Eastern Carpathians-Transylvanian Basin boundary*
- 2008 – 2012 BSc Degree, Babeş-Bolyai University, Faculty of Biology and Geology, Department of Geology, Cluj-Napoca, Romania
- 2008 – 2010 MSc Degree, Babeş-Bolyai University, Faculty of Geography, Cluj-Napoca, Romania
- 2004 – 2008 BSc Degree, Babeş-Bolyai University, Faculty of Geography, Cluj-Napoca, Romania

CURRENT POSITION(S)

- 2017 – lecturer: Faculty of Biology and Geology, Department of Geology, Babeş-Bolyai University, Cluj-Napoca, Romania

PREVIOUS POSITIONS

- 2019 – 2020 *Researcher:* Isotope Climatology and Environmental Research Centre, Debrecen, Hungary
- 2017 – 2019 *Researcher:* Department of Petrology and Geochemistry, ELTE University Budapest, MTA-ELTE Volcanology Research Group, Hungary
- 2015-2016 *Postdoc researcher:* Department of Petrology and Geochemistry, ELTE University Budapest, MTA-ELTE Volcanology Research Group, Hungary

TEACHING ACTIVITIES

- 2017 – present *Teaching position* – Geochemistry, Environmental Geology, Hydrogeology, Soil Geology, Babeş-Bolyai University, Faculty of Biology and Geology, Department of Geology, Cluj-Napoca, Romania
- 2014 – 2018 *Teaching position* – Geochemistry, Sapientia Hugarian University of Transylvania, Cluj-Napoca, Romania

ORGANISATION OF SCIENTIFIC MEETINGS

- 2019 Organizer of Internal Seminar, “Perspectives on sustainable development: the role of

Earth Sciences” held on 15 november 2019, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania

INSTITUTIONAL RESPONSIBILITIES

- 2018 – present Member of the Faculty Committee for Education, Babeş-Bolyai University, Faculty of Biology and Geology, Cluj-Napoca, Romania
- 2019 Organizer of the Internal Seminar, “Perspectives on sustainable development: the role of Earth Sciences” held on 15 november 2019, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, Romania

REVIEWING ACTIVITIES

- 2020 Reviewer in Geofluids, Babeş-Bolyai University, Cluj-Napoca, Romania

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2017 – present Member, IAVCEI, Commission on Chemistry of Volcanic Gases
- 2013 – present Member, European Geosciences Union

MAJOR COLLABORATIONS

- Szabolcs Harangi, Topic: geochemistry, volcanology, Department of Petrology and Geochemistry, ELTE University, Budapest, Hungary
- Fátima Viveiros, Topic: volcanology, risk assessment, diffuse degassing, Research Institute of Volcanology and Risk Assessment, IVAR, University of the Azores, Portugal
- Carlo Cardellini, Topic: diffuse degassing, Department of Physics and Geology, University of Perugia, Italy
- Antonio Caracausi, Topic: noble gas geochemistry, Istituto Nazionale di Geofisica e Vulcanologia, Palermo, Italy
- Francesco Italiano, Gas Geochemistry, Istituto Nazionale di Geofisica e Vulcanologia, Palermo, Italy
- László Palcsu, Noble gas geochemistry, Isotope Climatology and Environmental Research Centre-ATOMKI, Debrecen, Hungary

PRIZES, AWARDS AND SCHOLARSHIPS

1. Outstanding oral presentation at the International Symposium on Geofluids, Budapest, 5-9 July 2021, 100 €
2. 2017 Solti Gizella Award, 5000 \$, New York Hungarian Scientific Society, New York, USA
3. 2012 – 2013 4-month-scholarship at Istituto Nazionale di Geofisica e Vulcanologia, Palermo, Italy

PROJECTS AND FELLOWSHIPS (with the most important marked)

1. **Geochemistry of Gas Emissions in the Volcano-Tectonic environment of the Eastern Carpathians: geologic and social impact, funded by the UEFISCDI, Romania, budget 100 000 €, project ended in 2022 with a general evaluation:” Excelent”.**
2. **Fellowship for Young Academics, funded by the Ministry of Innovation and Technology of the Hungarian Government, budget of 1 500 000 HUF for 10 months in the year 2022.**
3. **Research Grant for Young Scientists, funded by the Babeş-Bolyai University, of budget of 10 000 €**

4. Advanced Fellowship, „Ion Popescu Voitești”, awarded by the Babeş-Bolyai University (STAR-UBB), in total amount of 7000 lei for the periods May-July 2020
5. Advanced Fellowship, „Ion Popescu Voitești”, awarded by the Babeş-Bolyai University (STAR-UBB), in total amount of 7000 lei for the periods October 2019 – November 2019, for the project: „*The Role of Earth Sciences in sustainable development*”, „Rolul științelor Pământului în dezvoltarea sustenabilă”.
6. Project leader in the mobility grant for researchers, financed by the Communitas Association, June 2019, UTA-19-1-0043. The aim of this mobility grant was to participate at the scientific conference held in Italy, International Conference on Gas Geochemistry, Palermo-Milazzo
7. Member of the research contract IPC:21/3/12.06.2019, “*Complex study of 30 largely used mineral water springs by the locals*” financed by the Sapiientia University in the period 2019 may – 2020 october.
8. **Member of the research contract nr. 14872/DCO-DB/04.09.2018 financed by the Deep Carbon Observatory. Within the contract, carbon dissolved in groundwater and natural springs in Romania are investigated.**
9. Project leader in the mobility grant for researchers, financed by the Romanian Government and UEFISCDI, January 2018, PN-III-P1-1.1-MC-2017-2333. The aim of this mobility was to get access to the infrastructure of the laboratory ATOMKI Debrecen, to perform noble gas analyses on gas samples from Ciomadul volcano.
10. Project leader in the mobility grant for researchers, financed by the Communitas Association, june 2018, UTA-18-1-0034. The aim of this mobility grant was to participate at the scientific conference held in Italy, Summer Meeting Monticchio lakes-Different approaches to study a volcanic lake.
11. **Principal Investigator of the research Geochemistry and gas flux on the youngest volcano within the Carpathian-Pannonian Region financed by the New York Hungarian Scientific Society, *Solti Gizella Award, 5000 USD*, in the year 2017, <https://www.nyhungarianscientificsociety.org/awardees>. This project made possible the partial acquisition of the Multi-Gas instrument for the compositional determination of the CO₂, CH₄ and H₂S components in the gas emissions on the study area.**
12. **Project member, OTKA-NKFIH K116528 financed by the National Research Development and Innovation Office, Hungary, 2016-2020, with the aim: „*An integrated research of the youngest volcano (Ciomadul, SE Carpathians) of the Carpathian-Pannonian Region*”.**

OTHER SKILLS AND IMPORTANT INFORMATION

- good organizing skills gained by managing her previous research projects
- good skills in field investigations gained during several water and gas sampling campaigns in the Eastern Carpathians during her career: e.g., sampling of more than 100 mineral water springs, see Kis et al., 2020; sampling of several free and dissolved gas samples, see results published in Italiano et al., 2017, Kis et al., 2017, 2019, 2022
- good analytical skills were gained during my scholarships to INGV Palermo, Italy and several measuring campaigns to the ICER Centre Atomki, Debrecen, Hungary

Popular science and communication with the wider audience:

<https://www.facebook.com/CarpathianMofettesSprings>

<https://www.instagram.com/carpathianmofettes/>

<https://www.youtube.com/channel/UCzufswAeSuYjrjypYjzyJ4Q>