

Curriculum Vitae Shehata Ali Shehata Ali



Personal data

First Name: Shehata
Family Name: Ali
Date of Birth: 08. 01. 1974
Place of Birth: El-Minia, Egypt
Nationality: Egyptian
Marital status: Married + 3 children
Languages Spoken: English, Arabic (native)
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Educations

1992 Finished High School (El-Minia, Egypt)
1996 B.Sc. in Geology at the Faculty of Science, Minia University, Egypt
2004 M.Sc. in Geology at the Faculty of Science, Minia University, Egypt
2011 Ph.D. in Geosciences at the Department of Lithospheric Research, University of Vienna

Positions held

1999 Student Researcher at the Geology Department, Faculty of Science, Minia University, Egypt
2003 Demonstrator at the Geology Department, Faculty of Science, Minia University, Egypt
2004 Assistant Lecturer at the Geology Department, Faculty of Science, Minia University, Egypt
2007 Scholarship from the Ministry of Education, Youth and Sports, in Czech Republic
2007 Scholarship from the Ministry of Higher Education, Missions Sector, in Egypt
2011 Lecturer at the Geology Department, Faculty of Science, Minia University, Egypt
2013 IT Unit Manager, Faculty of Science, Minia University, Egypt
2015 Measurement and Evaluation Unit Deputy Manager, Faculty of Science, Minia University, Egypt
2018 Measurement and Evaluation Unit Manager, Faculty of Science, Minia University, Egypt
2018 Associate Professor at the Geology Department, Faculty of Science, Minia University, Egypt
2019 Quality Assurance Unit Deputy Manager, Faculty of Science, Minia University, Egypt

Teaching Experiences

Since 1999, I have been teaching several courses to the undergraduate students in Igneous and Metamorphic Rocks, Field Geology, Economic Geology, Geochemical Prospecting, Crystallography and Mineralogy, at the Geology Department, Faculty of Science, Minia University, Egypt. Moreover, I have been supervising undergraduate student projects and teaching advanced courses in Igneous Petrology and Geochemical Prospecting to the Post-graduate students.

Scientific Memberships

European Geosciences Union (EGU)
Carpathian-Balkan Geological Association (CBGA)
Geological Society of Egypt

Awards

International Publication awards 2011, 2013, 2016, 2017, 2018 and 2019
Best Publication Award during the 54th Annual Scientific Meeting 4–5 December 2016

Journals Referee

Mineralogia (formerly Mineralogia Polonica) – Mineralogical Society of Poland
Arabian Journal of Geosciences
Geoscience Frontiers
Precambrian Research

Computer Skills

I have attended the following training programs and passed the examinations prepared by the Central Unit of IT training (CUIT):

- * Basic Track (Concepts of IT, Using Computers and Managing Files, Word Processing, Spreadsheets, Presentations, Database, Information and Communication, Introduction to PC Maintenance and Protection).
- * Advanced Track (Operating Systems, Word Processing, Spreadsheets, Power Point, Graphics Adobe Photoshop, Database).
- * Endnote X7 software

Scientific Publications

Mohamed, H.A., Abdel Ghani, M.S., El Mahallawi, M.M., **Ali, S.**, 2003. Petrogenetic implications of mineral chemistry of Abu Hamr granitoid rocks, North Eastern Desert, Egypt. 3rd Inter. Conf. Geol. Africa, Assiut Univ., Egypt, 1, 281–300.

Abdel Ghani, M.S., Mohamed, H.A., El Mahallawi, M.M., **Ali, S.**, 2004. Petrology and geochemistry of the granitoid rocks of Gebel Abu Hamr area, North Eastern Desert, Egypt. 6th Inter. Conf. on Geochemistry, Alex. Univ., Egypt 15–16 September 2004, 125–145.

Ali, S., 2011. Petrology and geochemistry of the Late Miocene–Pleistocene volcanic rocks from Burgenland and SE Styria, Austria. PhD Thesis. <http://othes.univie.ac.at/13483/>

Ali, S., Ntaflos, T., 2011. Alkali basalts from Burgenland, Austria: Petrological constraints on the origin of the westernmost magmatism in the Carpathian-Pannonian Basin. Lithos 121 (1–4), 176–188. <https://doi.org/10.1016/j.lithos.2010.11.001>

Ali, S., Ntaflos, T., Upton, B.G.J., 2013. Petrogenesis and mantle source characteristics of Quaternary alkaline mafic lavas in the western Carpathian–Pannonian Region, Styria, Austria. Chemical Geology 337–338, 99–113. <https://doi.org/10.1016/j.chemgeo.2012.12.001>

Abdel–Karim, A.M., **Ali, S.**, Helmy, H.M., El–Shafei, S.A., 2016. A fore–arc setting of the Gerf ophiolite, Eastern Desert, Egypt: Evidence from mineral chemistry and geochemistry of ultramafites. Lithos 263, 52–65.

Farahat, E.S., **Ali, S.**, Hauzenberger, C., 2017. Red Sea rift–related Quseir basalts, Central Eastern Desert, Egypt: Petrogenesis and tectonic processes. Bulletin of Volcanology 79: 9. <https://doi.org/10.1007/s00445-016-1092-6>

Abdel–Karim, A.M., **Ali, S.**, El–Shafei, S.A., 2018. Mineral chemistry and geochemistry of ophiolitic metaultramafics from Um Halham and Fawakhir, Central Eastern Desert, Egypt. International Journal of Earth Sciences 107 (7), 2337–2355. <https://doi.org/10.1007/s00531-018-1601-2>

Morad, A.E., Helmy, H.M., Abdel Rahman, H.B., **Ali, S.**, Abdel Ghani, M.S., 2018. Toxic metalloid: a barrier in front of mineral exploration, Um Zariq area, East Sinai, Egypt. The

- Mohamed, H.A., **Ali, S.**, Sedki, T., Abdelkhalik, I., 2019. The Sukari Neoproterozoic granitoids, Eastern Desert, Egypt: Petrological and structural implications. *African Earth Sciences* 149, 426–440. <https://doi.org/10.1016/j.jafrearsci.2018.08.020>
- Abdallah, S.E., **Ali, S.**, Obeid, M.A., 2019. Geochemistry of an Alaskan-type mafic-ultramafic complex in Eastern Desert, Egypt: New insights and constraints on the Neoproterozoic island arc magmatism, *Geoscience Frontiers* 10 (3), 941–955. <https://doi.org/10.1016/j.gsf.2018.04.009>
- Farahat, E.S., **Ali, S.**, 2019. Origin and geotectonic evolution of Mir Tertiary basaltic andesite dykes, Western Desert, Egypt: Constraints from mineral and bulk-rock chemistry. *Geological Journal* 54 (4), 2274–2287. <https://doi.org/10.1002/gj.3296>
- Abdel-Karim, A.M., **Ali, S.**, El-Awady, A., Elwan, W., Khedr, M.Z., Tamura, A., 2019. Mineral and bulk-rock chemistry of Shadli bimodal metavolcanics from Eastern Desert of Egypt: Implication for tectonomagmatic setting and Neoproterozoic continental growth in the Arabian–Nubian Shield. *Lithos* 338–339, 204–217. <https://doi.org/10.1016/j.lithos.2019.04.026>
- Sedki, T., **Ali, S.**, Mohamed, H.A., 2019. Geochemistry dataset of the Sol Hamed Neoproterozoic ophiolitic serpentinites, southern Eastern Desert, Egypt. *Data in brief* 25, 104393. <https://doi.org/10.1016/j.dib.2019.104393>
- Sedki, T., Mohamed, H.A., **Ali, S.**, Zaki, R., Afeed, S., 2019. Geology and ore genesis data of Elba manganese deposits, southern Eastern Desert, Egypt. *Data in Brief* 27, 104831. <https://doi.org/10.1016/j.dib.2019.104831>
- Ali, S.**, Ntaflos, T., Sami, M., 2021. Geochemistry of Khor Um-Safi ophiolitic serpentinites, central Eastern desert, Egypt: Implications for neoproterozoic arc-basin system in the Arabian-Nubian shield. *Geochemistry* 81 (1), 125690. <https://doi.org/10.1016/j.chemer.2020.125690>
- Morad, A.E., Abdelrahman, H.B., Ali, M.S., **Ali, S.**, 2021. Metamorphic conditions and igneous activity in the Um Zariq area, East Sinai, Egypt: Mineralogical and petrological evidences for the transformation from collisional to an extensional regime in the Arabian-Nubian shield. *Journal of African Earth Sciences* 182, 104302. <https://doi.org/10.1016/j.jafrearsci.2021.104302>
- Ali, S.**, Alshammari A.S., 2021. Genesis of gabbroic intrusions in the Arabian Shield, Saudi Arabia: mineralogical, geochemical and tectonic fingerprints of the Neoproterozoic arc magmatism. *Geological Magazine* 158 (9), 1639–1656. <https://doi.org/10.1017/S0016756821000182>
- Abdel-Karim, A.M., El-Awady, A., Khedr, M.Z., El-Afandy, A.H., Elwan, W., Tamura, A., **Ali, S.**, 2021. Genesis of Sulfide Mineralization, Atshan and Darhib Areas, South Eastern Desert of Egypt: Evidence of Fluid Pathway Effects Along Shear Zones. *Arabian Journal for Science and Engineering*. <https://doi.org/10.1007/s13369-021-05736-y>

Published Books

- Ali, S.**, 2012. Anorogenic Cenozoic Volcanism in the Carpathian–Pannonian Region. LAP Lambert Academic Publishing, Germany, 108 pp.

Conferences

- Mohamed, H.A., Abdel Ghani, M.S., El-Mahallawi, M.M., **Ali, S.**, 2003. Petrogenetic implications of mineral chemistry of Abu Hamr granitoid rocks, North Eastern Desert, Egypt. 3rd Inter. Conf. Geol. Africa, Assiut Univ., Egypt, 1, 281–300.
- Abdel Ghani, M.S., Mohamed, H.A., El-Mahallawi, M.M., **Ali, S.**, 2004. Petrology and geochemistry of the granitoid rocks of Gebel Abu Hamr area, North Eastern Desert, Egypt. 6th Inter. Conf. on Geochemistry, Alex. Univ., Egypt 15–16 September 2004, 125–145.
- Ali, S.**, Ntaflos, T., 2009. Petrogenesis of Pliocene Alkaline Volcanic Rocks from Southeastern Styrian Basin, Austria. Geophysical Research Abstracts, Vol. 11– EGU – General Assembly 2009, Vienna, Austria.
- Ali, S.**, Ntaflos, T., 2010a. Comparative petrological studies of some alkaline basalts, western Pannonian Basin, Austria. Geophysical Research Abstracts, Vol. 12–EGU– General Assembly 2010, Vienna, Austria.
- Ali, S.**, Ntaflos, T., 2010b. Mantle source characteristics of Late Miocene–Pleistocene alkaline basalts, western Pannonian Basin, Austria. XIX Congress of the Carpathian–Balkan Geological Association (CBGA), Thessaloniki, Greece 23–26 September 2010.
- Ali, S.**, Farahat, E.S., 2013. Mineralogy and Geochemistry of Abu Khruq Ring Complex, South Eastern Desert, Egypt. 7th International Conference on the Geology of Africa, Assiut University, Assiut, Egypt 24–26 November 2013.
- Farahat, E.S., **Ali, S.**, Hauzenberger, C., 2015. Red Sea Rift–Related Quseir Basalts, Central Eastern Desert, Egypt: Petrogenetic and Geodynamic Evolution. Geophysical Research Abstracts, Vol. 17– EGU–General Assembly 2015, Vienna, Austria.
- Abdel–Karim, A.M., **Ali, S.**, Helmy, H.M., El-Shafei, S.A., 2015. Mantle rocks from Neoproterozoic Gerf ophiolite, South Eastern Desert, Egypt: a case for a possible boninitic fore-arc oceanic fragment. The second International Conference on New Horizons in Basic and Applied Science, 1–6 August 2015, Hurghada, Egypt.
- Ali, S.**, Mohamed, H.A., Abdelkhalik, I.I., Sedki, T., 2016. Geochemical Characteristics of the Sukari Granitoids, Central Eastern Desert, Egypt. The Geological Society of Egypt, 54th Annual Scientific Meeting 4–5 December 2016.
- Abdel–Karim, A.M., **Ali, S.**, El-Shafei, S.A., 2017. Mineral chemistry and geochemistry of ophiolitic ultramafics from central Eastern Desert, Egypt: A case for contaminated mantle–derived magma. Geophysical Research Abstracts Vol. 19, EGU2017-16680-1, 2017 EGU General Assembly 2017, Vienna, Austria.
- Mohamed, H.A., **Ali, S.**, Abdelkhalik, I.I., Sedki, T., 2017. The Sukari Neoproterozoic granitoids, South Eastern, Egypt: Petrological and structural implications. 9th International Conference on the Geology of Africa, Assiut University, Assiut, Egypt 7–9 November 2017.
- Abdallah, S.E., **Ali, S.**, Obeid, M.A., 2017. Petrology and geochemistry of an Alaskan–type mafic–ultramafic complex in the Eastern Desert, Egypt: New insights and constraints on the origin of the Neoproterozoic island arc magmatism. The Geological Society of Egypt, 55th Annual Scientific Meeting 3–4 December 2017.

Morad, A.E., Helmy, H.M., Abdel Rahman, H.B., **Ali, S.**, Abdel Ghani, M.S., 2018. Toxic metalloid: a barrier in front of mineral exploration, Um Zariq area, East Sinai, Egypt. The 2nd International Conference on Natural Resources and Renewable Energy, Conference Proceedings, 23–26 April 2018, Hurghada, Egypt.

Farahat, E.S., **Ali, S.**, 2018. Origin and geotectonic evolution of Mir Tertiary basaltic andesite dykes, Western Desert, Egypt: Constraints from mineral and bulk-rock chemistry. The Geological Society of Egypt, 56th Annual Scientific Meeting 2 December 2018.

Sedki, T., **Ali, S.**, Mohamed, H.A., 2019. Geochemical characterization of the Sol Hamed Neoproterozoic ophiolitic serpentinites, Southern Eastern Desert, Egypt. The 7th International Large Igneous Provinces conference August 28-September 8, 2019, Tomsk State, National Research Tomsk State University, Tomsk, Siberia, Russia.

Ali, S., Abdallah, S.E., 2019. Genesis of younger intrusive gabbros in the Arabian Shield, Saudi Arabia: Mineralogical, geochemical and tectonic fingerprints of the Neoproterozoic arc magmatism. WMESS 2019, 9–13 September 2019, Prague, Czech Republic.

Conference Session Chairman

World Multidisciplinary Earth Sciences Symposium -Prague- Czech Republic (WMESS 2019)

References

- **A.o. Univ. Prof. Dr. Theodoros Ntaflos**
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