

Curriculum Vitae



1- Personal Information:

- 1- Full Name:** Ass. Prof. Ali S. Ben sera
- 2- Place and date of birth:** Zintan, 19/10/ 1979
- 3- Nationality:** Libyan
- 4- Sex:** male
- 5- Marital Status:** married, 3 children
- 6- Current Address:** Department of Geology, University of Zintan, Zintan 718, Libya.
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2- Education:

- 1- Ph.D. in Petrology from the University of Jordan in 2018.
- 2- M. Sc. in Geochemistry from the Bergakademie Freiberg in 2010.
- 3- B. Sc. in Geology from the University of Zintan in 2001.

3- Languages:

- 1- English
- 2- German
- 3- Arabic; mother language.

4- Employment:

- 1- Head of head of postgraduate studies department, University of Zintan: 15/9/2023- present time.
- 2- Chairman of the International University Classification Committee of University of Zintan.2024.
- 3- Dean of the Faculty of Science- University of Zintan 2023
- 4- Head of department of Geology- University of Zintan 2022
- 4- Member of the scientific committee at the university of Zintan 20/2/2022- present time.
- 5- Associate Prof. of Earth sciences, at the Libyan academy of higher studies: 15/9/2022 – present time.
- 6- Associate Prof. of Petrology, the Department of Geology, University of Zintan: 24/12/2022 – present time.
- 7- Lecturer, of Earth sciences, the department of geology, University of Zintan: 24/11/2011 – present time.

5- Fields of Research:

researcher in the field of geochemistry of igneous and metamorphic rock, petrology, Geochronology, and isotope of Pre-Cambrian rocks.

6- Awards and Honors:

- 1- Ph.D. Scholarship from the Libyan higher education ministry, 15/7/2015 – 15/7/2018.
- 2- M. Sc. Scholarship from the Libyan higher education ministry, 10/9/2004 – 15/7/2010.
- 3- Research grant from the university of Jordan (Stockholm university, Sweden) 2017.

7- Professional Activities:

- 1- Member of the editorial board of Al Jabel journal of humanities and applied sciences.
- 2- Organizing and leading young professionals and student program, AAPG, Geo 2018. March-4 April 2018, Manama, Bahrain.
- 3- Organizing and leading of siliciclastic reservoirs of the middle east conference, 25-28 April 2018, Amman, Jordan.

8-Membership in professional associations

- 1-German metallurgical association 2893
- 2-Geological society of America (SGA) 9229859
- 3-German society of geosciences 5993
- 4-Union of German geologists 5993
- 5-Geochemical society 202123

9- Conferences:

- 1- Attended many local, regional and international conferences.
- 2- Organizing the conference " International Conference of Libyan University Education Faculties ", 16 July 2025, Zintan-Libya.
- 3- Gepark Libya 20 July 2025 Tripoli-Libya.
- 5- AAPG,Geo 2018. March 2018, Manama, Bahrain.
- 6- Siliciclastic reservoirs of the middle east, 25-28 April 2018, Amman, Jordan.

10- Consultation:

- 1- Mapping and geological survey and assessing the status of nickel ore in Saxonian granulite mountain, Germany, 2009
- 2- Exploration for mineral resources - Czech Republic 2008
- 3- Intensive course in microscopic examination of ore and mineral raw materials Freiberg-Germany 2008.
- 4- Intensive course in Geochemistry of Isotopes, Freiberg-Germany 2008.
- 5- Intensive course on liquid inclusions in metals Freiberg-Germany 2008.

11- Courses offered:

a- At University of Zintan

- 1- Petrology
- 2- Geochemistry
- 3- Field Geology

b- At the Libyan Academy of Higher Studies

- 1- Petrology
- 2- Geological exploration
- 3- Geology of Libya.
- 4- Organic Geochemistry

12- List of Publications

- 1- **Ali S., Ben sera (2024).** Petrogenesis of the Neoproterozoic peraluminous orogenic granite and Tertiary Phonolites from Jabal Fezzan in Southern Libya. Petrology Volume 32, pages 449–466.
- 2- **Ali S., Ben Sera (2023).** Petrology and geochemistry of sandstone from Lower Cretaceous Kikhla formation, NW Libya: implications for provenance and depositional setting. Geociências. Volume 42.1980-900x, pages199-211.

- 3- **Ali S., Ben Sera (2021).** The Depositional Environment: Diagenetic and Depositional Settings of Gypsum Deposits from Bi'r El Ghanem, NW Libya. J. Geol. Geophys. Volume10, pages 2455-6211.
- 4- **Ali S., Ben Sera (2021).** Hydrogeochemistry and groundwater quality assessment in Azintan, northwestern Libya. International Journal of Engineering Applied Sciences and Technology, Volume 6, pages 305-317.
- 5- **Ali S., Ben Sera, Khitam Alzughoul (2021).** Geochemical Characteristics of Upper Cretaceous Dolomite in Northwest Libya: Implications for Dolomitization and Diagenesis; El Zintan section as a Case Study. International Journal of Science and Research (IJSR): international conference, Volume 10, pages 1323-1331.
- 6- **Ali S., Ben Sera (2021).** Hydrogeochemistry of groundwater aquifers in Azintan, Northwestern Libya. Al Jabal Journal. Volume 3, pages 231-242
- 7- **Ali S., Ben Sera, Khitam Alzughoul (2018).** Petrography and Geochemistry of Urf suite from Aqaba complex, Southern Jordan. International Journal of Applied Engineering Research. Volume 13, pages 5772-5787.
- 8- **Ali S., Ben Sera, Khitam Alzughoul (2017).** AAPG "Siliciclastic Reservoirs of the Middle East". Technical Report. Amman. Jordan 130 pp.
- 10- **Ali S., Ben Sera (2009).** Saxon granulite massif: Petrogenesis and tectonic along the profile of Chemnitztal, WE Chemnitz, Germany. p.22 Unpublished
- 11- **Ali S., Ben Sera (2009).** Ali S., Ben Sera (2009). The geological importance of Azintan area, NW Libya (abstract). pp.7 Unpublished
- 12- **Ali S., Ben Sera (2009).** Classification and grouping of Pan-african granites from northeast Africa according to geochemical and mineral criteria. Bergakademie Freiberg, Germany. pp.300 Unpublished (In Press)
- 13- **Ali S., Ben Sera (2025).** The nickel hydrosilicate laterite deposit of the Saxon Granulite Mountain, Germany: Implications for ore and petrogenesis. Al Jabal Journal of Humanities and applied sciences. 13pp.
- 14- **Ali S., Ben Sera (2025).** Petrochemical Significance of Biotite Schist Xenolith from Jabal Fezzan, Southern Libya NAJSP, pp.265-279