

ASMA ALNAQBI

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Academic Experience

Lecturer – Petroleum Geosciences & Remote Sensing Program, University of Sharjah, UAE (September 2022–Present)

- Teaching undergraduate courses in Sedimentology, Structural Geology, Stratigraphy, Paleontology, Well Logging, Regional Geology, and Physical Geology; developed and introduced the Paleontology course.
- Designed laboratory exercises and field-based geological training, including organizing geological field trips across the UAE.
- Developed course materials and assessments, integrated problem-based and digital learning tools, and mentored students in academic and career development.

Teaching Assistant – Petroleum Geosciences Department, Khalifa University, UAE (2020)

- Assisted in teaching undergraduate geoscience courses and laboratory sessions.

Chemistry Tutor – Petroleum Institute, UAE (2016)

- Tutored students in Pre-Chemistry, Chemistry I and Chemistry II.
- Conducted small group and individual academic tutoring sessions.

Education

- **MSc** Petroleum Geosciences – Khalifa University, UAE (2021) | GPA 3.75
- **BSc** Petroleum Geosciences – Khalifa University, UAE (2019) | Honors with Distinction | GPA 3.75

Publications and Presentations

- Ferrar Large Igneous Province Link and Impact on Early Jurassic Climate and Environment — Antarctic Earth Sciences Symposium, Chile, August 2025
- Palaeoclimatic and palaeoenvironmental insights from the Ferrar volcanism. Toarcian Palaeobiology Symposium, Bath, UK, June 2024
- Palaeoenvironmental Insights from Fossil Plant Assemblages in South Gondwana, UAE Graduate Students Research Conference, June 2021

Field and Research Experience

- Mammoth Excavation 2025: Ice Age Paleontological Excavation and Conservation Field Experience, Cerney Wick Quarry, United Kingdom, July 2025
- Lefka Ori Research Sampling, Crete, Greece, July 2023
- Moho and Oman Ophiolite Field Investigation, Oman, January 2019

- Geological Mapping and Structural Geology Field Trip, Erg Chebbi, Morocco, January 2019
- Geological Mapping of Algarve Basin, Portugal, January 2018
- Core Description (Kharaiib & Habshan Formations), Mussafah Core Laboratory, Abu Dhabi, January 2018

Teaching, Outreach, and Academic Service

Field Trip Supervisor

- Paleontology Course Field Trips, Ras Al Khaimah, annual since January 2024
- Structural Geology Course Field Trips, Ras Al Khaimah, annual since January 2022
- Sedimentology & Sedimentary Rocks Course Field Trips, Ras Al Khaimah, annual since January 2022
- Regional Geology Course Field Trips, Eastern UAE, annual since January 2022
- Physical Geology Course Field Trips, Al Faya, Sharjah, annual since January 2022
- Conduct Student Safety Training and Risk Management in Field Activities, annual since 2022
- Geology Field Course with Khalifa University, Southeast Spain, June 2022

Recent Industry and Conference Visits

- Field trip to Schlumberger Rock Laboratories in collaboration with SNOG, Abu Dhabi, November 2025
- Field trip to ADIPEC Conference, Abu Dhabi, November 2025
- Field trip to Mohamed Bin Rashid Space Center, Dubai, September 2025
- Field trip to Dubai Municipality, Dubai, January 2025

Outreach

- Career Development Talk: Digging into Careers, Mammoth Excavation, Cerney Wick Quarry, UK, August 2025
- Organized 'Prehistoric Treasures: Fossils Showcase' Exhibition, University of Sharjah, January 2024
- Co-organized Geoscientists Career Opportunities Symposium, University of Sharjah, May 2023
- Organized PGRS Students Industrial Training Presentations, January 2023
- Co-organized IGCP-715 Workshop in Hydrogeology and Structural Geology, University of Sharjah, January 2023
- Organized CV Building Workshop for PGRS Students, University of Sharjah, November 2022

Conferences and Professional Development

- SPPC Symposium on Palaeontological Preparation and Conservation, Leiden, Netherlands, June 2025
- AAPG/EAGE Workshop: Geothermal Energy in the Middle East, Saudi Arabia, June 2025

- Sharjah International Conference on Education: AI and Beyond, University of Sharjah, May 2025
- Probabilistic Safety Assessment (PSA) applications and Risk-Informed Decision Making (RIDM) Workshop, FANR, Abu Dhabi, June 2024
- Toarcian Palaeobiology Symposium, Bath, United Kingdom, June 2024
- Sequence Stratigraphy of Clastic Systems, Geological Society of London, July 2022
- 16th Arab International Mineral Resources Conference, UAE, February 2022
- Forum for the Future of Geological Services, UAE, January 2022
- Renewable Energy & Sustainability: Vision to Reality, IRENA, January 2021
- Crude Oil Storage Tanks Safety Enhancement and Life Extension, ADNOC Offshore, January 2021
- OMC Med Energy Conference and Exhibition, Ravenna, Italy, January 2021
- 80th EAGE Conference and Exhibition, Copenhagen, June 2018
- Energy Evolution Workshop, TOTAL, June 2018
- JODCO Geosciences Seminar, Japan, June 2017
- FYE Program Seminar, KOBELCO, June 2016

Workshops and Certifications

- Fossil Extraction Techniques Workshop, Cerney Wick Quarry, United Kingdom, July 2025
- Fossil Jacketing and Field Stabilization Workshop, Cerney Wick Quarry, United Kingdom, July 2025
- Fossil Preparation and Conservation Workshop, Cerney Wick Quarry, United Kingdom, July 2025
- Dig It Digital Excavation Recording System Workshop, Cerney Wick Quarry, United Kingdom, June 2025
- Radioactive Fossils: Identification and Handling Workshop, Leiden, Netherlands, June 2025
- Pyrite Conservation in Natural History Collections Workshop, Leiden, Netherlands, June 2025
- 3D Scanning, Modelling, and 3D Printing Workshop, Leiden, Netherlands, June 2025
- Heartsaver First Aid CPR and AED Certification, University of Sharjah, June 2025
- Workshop on Mastering Scientific Writing in Geosciences, University of Sharjah, September 2024
- Ammonoid Biochronology Workshop, Bath, United Kingdom, June 2024
- Toarcian Palaeoart Workshop, Bath, United Kingdom, June 2024
- Charles Moore Collection Workshop, Bath, United Kingdom, June 2024
- SCL101 Hybrid Student-Centered Learning Training, University of Sharjah, January 2024

Awards and Honors

- Certificate of Appreciation from the Collage of Sciences, University of Sharjah, 2025

- First Place in GOTECH Competition for Best Senior Graduation Project, Dubai, UAE, June 2019
- Participant in Imperial Barrel Award (IBA), Muscat, Oman, June 2019
- Participant in OPEC Meeting, Abu Dhabi, June 2018

Technical Skills

Geoscience Software

- Petrel
- Interactive Petrophysics
- Oasis Montaj
- Pickwin

Data Visualization

- MATLAB
- Grapher
- CorelDRAW

General Tools

- Microsoft Office
- Canva
- SolidWorks

Professional Memberships

AAPG — American Association of Petroleum Geologists

SPE — Society of Petroleum Engineers

EAGE — European Association of Geoscientists and Engineers

Languages

Arabic — Native

English — Fluent