

Academic Curriculum Vitae



Personal Information:

Full Name: **Rebaz Muhammed Qader**

Academic Title: **Lecturer**

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Education:

- Achieved Doctor of Philosophy's (PhD.) degree in Engineering Geology – Rock and Soil Mechanics – Sallahaddin University - Erbil - Kurdistan Region - in the year 2021 - 2024.
- Achieved Master's degree in Engineering Geology - University of Newcastle - United Kingdom in the year 2013 - 2014.

Relevant Courses:

Geomechanics, Ground Investigation - Design, Principles and Practice, Ground Improvement Techniques, Field Class, Geotechnical Design, Engineering and Applied Geology, MSc Project and Dissertation in Geotechnical Engineering and Engineering Geology, Borehole Design, Construction and Operation, Ground Water Assessment and Contaminated Land.

- Achieved Bachelor's degree in General Geology in the year 2005-2009. University of Sallahaddin University - Erbil - Kurdistan Region - Iraq. First in the rank over 50 students in grade 80.378%.

Relevant Courses:

General Geology, Structure Geology, Petroleum Geology, Hydrogeology, Engineering Geology, Geomorphology, Field Geology, Geophysics, Geochemistry, Regional Geology, Petrology, Geotectonic, Paleontology, Remote sensing, and Subsurface Geology.

Employment:

- Academic staff - lecturer in Engineering Geology - College of Science - Geology Department - Salahaddin University - Erbil, from August 2024 until now.

- Academic staff - Assistant lecturer in Engineering Geology - College of Science - Geology Department - Salahaddin University - Erbil, from December 2014 until 2024.
- Comprehensive team works to find the reason of the Malpasset Dam failure at Nice – South France.
- Construction the Landslide maps for the La Vallette and Villard les Dourbes Landslide – Nice – France.
- The team works for rock mechanic study, slope stability and stabilization technique for St Julien Rock Slope in South France.
- As a member of Environmental Impact assessment and Borehole construction at Flaxby Factory site - North Yorkshire – United Kingdom.
- Constructing the viable the remediation technique for the St Anthony’s Tar contaminated land - River Tyne- Walker, Tyne and Wear – United Kingdom.
- Demonstrator in Geology Department-College of Science, Salahaddin University-Erbil, since 28th October 2009 - 13th September 2013.
- Assistance Geology at the laboratory during the Bachelor degree for undergraduate student in Geology Department: Environmental geology, Geochemistry, Remote Sensing, Field Geology, Metamorphic rock and Sedimentary rock (Petrography).
- Field guide for one of the field groups of third year undergraduate students at Geology Department (2010 and 2011).

Qualifications

- Oasys Software Suite - Geotechnical Design, GMS - Ground Water Modeling, NGMS - National Ground Water Modeling - Environmental Agency - UK, MS Word, MS Excel, MS PowerPoint.
- Working safely certificate, the institution of occupational safety and health (IOSH).
- Intermediate English course certificate – Salahaddin University – Erbil – Language center.

Teaching experience:

- Teaching Undergraduate degrees:
 - College of Science - Earth Sciences and Petroleum Department – 2nd stage – Practical Geomorphology subject
 - College of Science - Earth Sciences and Petroleum Department – 4th stage – Practical Environmental Geology subject
 - College of Science - Earth Sciences and Petroleum Department – 4th stage – Practical Engineering Geology subject
 - College of Engineering - Civil Engineering Department – 1st stage - Engineering Geology subject
 - College of Agriculture – Soil and water Department - 1st stage – General Geology subject

- College of Engineering - Survey Department – 1st stage - General Geology subject

Research and publications

Researches available in below links:

1. **ENGINEERING GEOLOGICAL ASSESSMENT OF THE ROCK SLOPE STABILITY ALONG THE PROPOSED LERABIRE ROAD IN THE MERGASUR CITY, KURDISTAN, IRAQ**
2. **ROCK SLOPE STABILITY ASSESSMENT ALONG RAWANDUZ MAIN ROAD, KURDISTAN REGION**
3. **STABILITY ASSESSMENT OF ROCK SLOPES USING KINEMATIC ANALYSIS AND SLOPE MASS RATING IN SELECTED AREA, MERGASUR TOWN, ERBIL, NE-IRAQ**
4. **Q-SLOPE SYSTEM FOR ASSESSING THE STABILITY OF ROCK SLOPES IN SELECTED AREA, MERGASUR TOWN, ERBIL, KURDISTAN REGION, NE IRAQ**

Professional memberships

- Kurdistan Geologist Syndicate

Professional Social Network Accounts:

- **My profile link of Research Gate:** <https://www.researchgate.net/profile/Rebaz-Qader>
- **My profile link of LinkedIn:** <https://www.linkedin.com/in/rebaz-muhammed-zangana-0849ab37/>
- **My profile link of Google Scholar:**
<https://scholar.google.com/citations?hl=en&user=AhtCBqAAAAAJ>
- **My profile link of Orcid:**
[Rebaz M. Qader \(0009-0000-6975-7392\) \(orcid.org\)](https://orcid.org/0009-0000-6975-7392)