

Mohammad Bassam Eid, Ph.D

Assistant Professor / Lecturer – Civil Engineering (Geotechnical Engineering)

Damascus, Syria | Syrian National | Birth: December 10, 1992

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Google Scholar: <https://scholar.google.com/citations?hl=en&user=8fPnz5UAAAAJ>

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ResearchGate: https://www.researchgate.net/profile/Mohammad-Eid-12?ev=hdr_xprf

PROFESSIONAL PROFILE

Assistant Professor in Civil Engineering (Geotechnical Engineering) with over 8 years of combined academic, research, and applied experience. Specialized in soil mechanics, ground improvement, unsaturated soil behavior, and sustainable land and water management in arid and semi-arid regions.

Currently serving as University Lecturer and Geotechnical Expert at ACSAD, with active involvement in teaching, supervision, applied research, and engineering consultancy. Strong ability to bridge theory with practice and contribute to academic programs, research output, and community service.

EDUCATION

- Ph.D. in Civil Engineering – Geotechnical Engineering

Al-Baath University, Syria | 2023 | GPA: 89%

Doctoral Dissertation: *Effect of applied stresses and soil moisture on creep deformations Loess Soil*

- M.Sc. in Civil Engineering (Geotechnical Engineering)

Al-Baath University, Syria | 2020 | GPA: 79.35%

Thesis: *Gypsum Soil Stabilization Using Emulsified Asphalt*

- B.Sc. in Civil Engineering

Tishreen University, Syria | 2017 | GPA: 71.27%

Project: *Mat Foundation Design for Seismic-Resistant High-Rise Structures*

ACADEMIC APPOINTMENTS:

– Assistant Professor / Lecturer

Civil Engineering Faculty Al - Yarmouk Privet University

2019 – Present

Teaching Responsibilities:

- . Soil Mechanics
- . Geotechnical Engineering

- . Engineering Geology
- . Foundation Engineering
- . Graduation Project Supervision
- . Student Academic Advising
- . Course Development and Assessment

Research Experience :

– Soil Mechanics Expert

Arab Center for the Studies of Arid Zones and Dry Lands (ACSAD)

2020 – Present

Responsibilities:

- . Soil Improvement
- . Unsaturated Soil Behavior
- . Water Harvesting Systems
- . Land Reclamation
- . GIS Applications
- . Sustainable Infrastructure
- . Hydrological Analysis
- . Climate Resilience Projects

Applied Experience:

– Civil Projects Manager

Sama Al-Sham Holding | 2025 – Present

– Project Manager

Cham Engineering & Contracting | 2024 – 2025

– Site Engineer

General Company for Building and Construction | 2019 – 2024

– Site Engineer / Designer

Parallel Design & Consulting | 2017 – 2019

Research Interests:

- . Unsaturated Soil Mechanics
- . Creep Deformation of Soils
- . Ground Improvement
- . Soil Stabilization
- . Loess Soils
- . Numerical Modelling
- . Finite Element Analysis
- . Geotechnical Earth Structures
- . GIS Applications in Civil Engineering
- . Sustainable Land Management
- . Water Harvesting Systems
- . Climate Adaptation Infrastructure

Publications:

- Eid, M. B. (2023). Stress–Strain Behavior of Loess Soils Using ABAQUS Simulation. *Indian Journal of Structural Engineering (IJSE)*. DOI: [10.54105/ijse.A7573.052122](https://doi.org/10.54105/ijse.A7573.052122)

Conferences and Professional Activities:

- Achieving Sustainable Arab Food Security through Agricultural Innovation and Investment -Webinar (2026)
- Environmental Sustainability Conference – Tishreen University (2024)
- Disaster Preparedness Workshop (2024)
- Qatar Expo – Waste Management Infrastructure (2024)

Technical Skills

- Geotechnical analysis and foundation design
- PLAXIS, GEO5, GEOSTUDIO, ABAQUS
- AutoCAD, ETABS, SAFE
- GIS for land and water management
- MS Project, SPSS

Languages

Arabic: Native

English: Good (Spoken & Written)

Certifications:

- ICDL – Syrian Scientific Informatics Society (2019)

References

Available upon request.