

C.V.

Omar M. ALqudah



1. Office Address

German Jordanian University
Civil & Environmental Engineering Department- School of Natural Resources Engineering
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2. Personal Information:

Nationality: Jordanian Date of birth: February 12, 1977
Marital status: Married, three children.
Contact: Mobile +962-777-665001 (Jordan)

3. Education

2016 Doctor of Philosophy (Civil Engineering) Transportation and Pavement Materials Engineering, Ege University, Turkey. (GPA: 3.79/4.0).

2009 Master of Science (Civil Engineering) Transportation and Pavement Materials Engineering, Jordan University of Science and Technology, Irbid, Jordan. (GPA: 83.4/100).

2000 Bachelor of Science (Civil Engineering) Structural Engineering, Jordan University of Science and Technology, Irbid, Jordan. (GPA: 69/100)

4. Academic Experience

September 22, 2019 – Present **German Jordanian University**
Assistant Professor
Taught Courses
- Highway & Traffic Engineering

- Surveying
- Surveying Lab.

2016 – 2019

Applied Science Private University

Assistant Professor

Taught Courses

- Highway Pavement Materials & Design
- Highway Pavements Lab.
- Highway Engineering
- Airports Planning & Design
- Surveying
- Surveying Lab.
- Surveying for Architecture
- Transportation Planning in Urban Areas

Other: - Supervising many Graduation projects

Department Committees

- Committee of Laboratories Affairs
- Committee of Students Investigations
- Committee of Outside Relations
- Committee of Exams
- Committee of Academic Curriculum

2016

ALAhliyya Amman University (Part timer)

Assistant Professor

Taught Courses

- Highways & Railroads Geometric Design
- Highway Pavements Lab.

2012 – 2016

Ege University, Civil Engineering Department, Turkey

Research Assistant

5. Administrative Experience

2008-2012

Ministry of Public Works & Housing, Amman, Jordan

Worked as:

Section Chief, highways pavement design and researches.
Expert in evaluation and adoption of asphalt mix designs in quality control directorate.

Section Chief, highways quality control.

Highway projects engineer.

Member of asphalt uses developing committee in Jordan, National Construction Council, Ministry of Public Works and Housing, Amman, Jordan, 2010-2011.

2002 - 2008

Greater Ajloun Municipality, Ajloun, Jordan

Worked as:

Municipality manager

Projects & services unit chief

Head of urban planning and regulation committee

Asphalt paving projects supervisor

Supervisor at Jordanian parliament elections on 2003 and 2007

2000 –2002

Injaaz Engineering Office, Ajloun, Jordan

Site Engineer

6. Memberships

Member of Jordan Engineers Association, Amman-Jordan

Member of Jordan Road Society, Amman- Jordan

Member of Traffic & Transport Committee, Jordan Engineers Association, Amman-Jordan

7. Scholarships

2011 PhD Scholarship, Government of Turkey Scholarships

8. Publications

G. Alkhateeb, **O. Alqudah**, “Effect of short-term and long-term aging on fatigue performance of superpave hot-mix asphalt (HMA)”, (2018), Jordan Journal of Civil Engineering, vol. 12, no. 4, pp. 580-589

Farklı Deney Yöntemleriyle Çinko Oksit Katkılı Bitümlerin Yüksek Sıcaklık Performans Sınıflarının Belirlenmesi, **Dr. Omar ALQUDAH** (APPLIED SCIENCE U), Dr. Taylan GÜNAY (EÜ), Prof.Dr. Perviz AHMEDZADE (EÜ), 7. Ulusal Asfalt Sempozyumu ve Sergisi, 29-30 December 2018, Ankara, Turkey.

P. Ahmedzade, K. Demirelli, T. Gunay, F. Biryany, **O. Alqudah**, “Effects of Waste Polypropylene Additive on the Properties of Bituminous Binder”, (2015), 2nd International Materials, Industrial, and Manufacturing Engineering Conference, MIMEC2015, Procedia Manufacturing, vol. 2, pp. 165-170

9. Funded Projects

TUBITAK Project No.110M400, the Use of Recycled Waste Thermoplastics (Polyethylene and Polypropylene) Surface Modified by Physical and Chemical Methods in Bitumen Modification, Turkey

TUBITAK Project No. 113M452, Investigation of the Synthesis, Characterization and Usability of Domestic Polymers Designed for Bitumen Modification, Turkey

10. Research Interest

- Traffic Accidents
- Pavement Design
- Evaluation of Pavement Conditions
- Quality Control of Highway Construction
- Asphalt Modification
- Transportation Planning
- Highway Pavement Maintenance
- Environmental Impacts of Asphalt Paving Projects
- GIS Applications in Transportation Studies

11. Reviewing Activities

- Reviewer, International Journal of Pavement Engineering.

12. Training Courses

- Trainer of several short training courses in civil engineering (building structures, roads and pavements) as well as in maintenance and materials, asphalt flexible pavement analysis and design using Superpave and Marshall Methods. Istanbul, Turkey and Amman, Jordan.
- Trainer of residential buildings analysis and design using PROKON, Istanbul, Turkey.
- Training course entitled” School Buses safety”, Riyadh, Saudi Arabia.
- Training courses in Superpave mix analysis and design, Jordan.
- Trainer of asphalt bitumen modifications via polymers and treatments in field and asphalt plants according to Superpave protocols, Istanbul.
- Trainer of training program entitled methods of evaluation and treatment of concrete cracks in residential and massive structures / Istanbul.
- Trainer of training course in pavement maintenance and Evaluation Using (PAVER) Istanbul.
- Trainer of project management professional program (PMP – level 1) / Istanbul.

13. Computer Skills

General Softwares

Microsoft office

STAAD III

PROKON

CIVIL 3D

14. Languages Arabic, English, Turkish