

Dania Mohammad Al-Oqaily

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I. Education

M.Sc. in Civil Engineering, July 2019

Jordan University of Science and Technology, Irbid, Jordan

Thesis Title “Different Analytical Techniques To Model The Superpave Dynamic Shear Rheometer (DSR) Outcomes”

B.Sc. in Civil Engineering, June 2016

Jordan University of Science and Technology, Irbid, Jordan

II. Professional Experience

➤ Structural Engineer at Ministry of Municipal Affairs/Al-Naseem Municipality, Jordan, April 2019 to September/2019.

➤ Teaching Assistant, January 2016 to December 2019

Civil Engineering Department, Jordan University of Science and Technology, Irbid, Jordan

- Teaching assistant for Surveying, Highway Geometric, Highway Maintenance, Statics, and Transportation Engineering courses.
- Teaching assistant for Surveying lab.
- Teaching assistant for Engineering Drawing.

➤ Trainer for AutoCAD civil 3D at Consultative Center for Science and Technology, JUST, 2016 TO 2019.

➤ Site Trainee at Construction Project Class Halls, Yarmouk University-Irbid, Jordan Sadeen Contracting and Construction Company, 2015/2016.

➤ Trainee at Municipality of West Irbid, Summer 2016/2017.

III. Workshops

- Introduction to Geographic Information System “GIS” in Municipal services, 2019, Engineers Training Center, Jerash, Jordan.
- Advances in Asphaltic Materials Course, 2019, Jordan Engineers Association, Amman, Jordan.
- ETABS Building Analysis and Design, 2015, Jordan University of Science and Technology, Irbid, Jordan.
- Reading Structural Engineering Plans, 2015, Jordan Engineers Association, Irbid,

Jordan.

- AutoCAD Civil 3D Design Software, 2014, Jordan University of Science and Technology, Irbid, Jordan

IV. Publication

- Khasawneh, M. A., & Al-Oqaily, D. M. (2022). Development of Analytical Models to Predict the Dynamic Shear Rheometer Outcome—Phase Angle. *International Journal of Pavement Research and Technology*, 1-19.
- Khasawneh, M. A., Al-Oqaily, D. M., Abu Alia, A. H., & Al-Omari, A. A. (2021). Evaluation of aggregate-binder bond strength using the BBS device for different road materials and conditions. *International Journal of Pavement Engineering*, 1-14.
- Khasawneh, M. A., & Al-Oqaily, D. M. (2020). Modeling and analysis of the DSR complex shear modulus using the principal component analysis (PCA). *Journal of Applied Sciences*, 20(1), 1-13.

V. Computer Skills

- Drawing Software (AutoCAD).
- Transportation Software (AutoCAD Civil 3D).
- Programming (C++, Matlab).
- Statistical Software (SPSS, Excel, JMP, Neural Designer software).
- Building Analysis and Design (ETABS).
- Geographic Information System “GIS

VI. Honors/Awards/Grants

- Teacher Assistant Scholarship for master’s degree studies. Study period: 2017 to 2019.
- Principal Investigator, “Investigation of the Bond Strength at the Asphalt Aggregate Interface”, Deanship of Research at Jordan University of Science and Technology (\$12,200.00, December 2017).

VII. Professional Affiliations

- Member, Jordan Engineers Association, JEA