

**Wassel AL-Bodour**  
**Curriculum Vitae**  
**Assistant Professor**  
**The University of Jordan**  
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**Education**

- May 2010                   **PhD, Civil Engineering**, The University of Akron, Akron, OH  
**Dissertation Topic:** Development of Analysis and Design Method for Slope Stabilization Using Drilled Shafts
- Jun 2005                   **Masters of Engineering**, Jordan University of Science and Technology,  
Department of Civil Engineering, Irbid, Jordan  
**Thesis:** "Seismic Hazard Assessment and Mitigation of Earthquake Risk in United Arab Emirates (UAE)"
- Jan 1998                   **Bachelor of Engineering**, Jordan University of Science and Technology,  
Department of Civil Engineering, Irbid , Jordan  
**Project:** "Seepage Analysis Through Complex Geologic Structures in Dam Sites –Study Case: King Talal Dam"

**Publications**

- Inspection and Risk Assessment of Mechanically Stabilized Earth Walls Supporting Bridge Abutments                   2017  
B Tarawneh, W AL Bodour, T Masada  
Journal of Performance of Constructed Facilities 32 (1), 04017131
- Doe Canyon CO2 Compressor Foundation –Extension of the Novak-Type Solution for Increasing                   2014  
Foundation Dynamic Stiffness and Natural Frequency.  
Terence P. Holman, **Wassel Al-Bodour**, Guzhao Li, Beth Gross,  
Proceedings- GeoCongress
- Comparison of drilled shaft design methods for drilled shafts in sand, coarse gravel, and cobble soils                   2011  
SR Rabab'ah, JC Niedzielski, AA Elsayed, W Bodour, DB Durkee  
Geo-Frontiers 2011: Advances in Geotechnical Engineering, 212-221
- Analysis method for drilled shaft-stabilized slopes using arching concept                   2010  
R Liang, W Al Bodour, M Yamin, A Joorabchi  
Transportation Research Record: Journal of the Transportation Research Board
- Field study of drilled shafts behavior during surcharge load induced slope movement                   2010  
WM Al Bodour, RY Liang  
GeoFlorida 2010: Advances in Analysis, Modeling & Design, 1837-1846
- Development of design and analysis method for slope stabilization using drilled shafts                   2010  
W Al Bodour  
University of Akron

Lesson from instrumented slope stabilization project using drilled shafts RY Liang, M Yamin, WMA Bodour Contemporary Topics in Deep Foundations, 103-110	2009
Seismic Hazard Assessment and Mitigation of Earthquake Risk in United Arab Emirates Malkawiy, A. I. H., Barakat, S. A., Shanableh A., <b>Al-Bdour M.</b> , Omar M., Altoubat S. Technical Report UOS, Sharja, UAE.	2007

**Training Courses**

- |            |   |
|------------|---|
| Sep 2013   | <ul style="list-style-type: none"> <li>• Development of Excellence in Assessment Leadership (IDEAL/ABET scholar), Jeddah, KSA</li> </ul>                        |
| March 2012 | <ul style="list-style-type: none"> <li>• HAZWOPER/OSHA refresher, Compliance Solutions, Schaumburg, IL, USA</li> </ul>  |
| Dec 2010   | <ul style="list-style-type: none"> <li>• HAZWOPER/OSHA, Compliance Solutions, Schaumburg, IL, USA</li> </ul>  |
| Dec 2006   | <ul style="list-style-type: none"> <li>• LRFD Foundation, The Ohio Department of Transportation, Cleveland, OH, USA</li> </ul>                                  |
| Oct 2006   | <ul style="list-style-type: none"> <li>• Mechanically Stabilized Earth Walls &amp; Reinforced Soil Slopes, The University of Akron, , Akron, OH, USA</li> </ul> |

**Work Experience**

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|--------------------------|---|
| 2014 - Present<br>Jordan | <b>Assistant Professor</b> , The University of Jordan, Amman,   |
| 2013 –2014               | <b>Assistant Professor</b> , King Abdul-Aziz University, Jeddah, KSA  |
| 2010 –2012<br>IL         | <b>Senior Staff Engineer</b> , Geosyntec Consultants, Oakbrook  |
| Aug 2010-Oct 2010        | <ul style="list-style-type: none"> <li>- Foundations vibrations</li> <li>- Dynamic Liquefaction assessment</li> <li>- Finite element Analysis</li> <li>- Soil Instrumentation</li> <li>- Field Testing</li> <li>- Soil and Rock Exploration</li> <li>- Geotechnical analysis including DMM elements, slope stability, settlement analysis and finite element analysis</li> </ul> <p><b>Civil Engineer</b>, E L Robinson, Charleston WV</p> <ul style="list-style-type: none"> <li>- Slope stability analysis and stability of bridge abutments</li> <li>- Steel and concrete bridge ratings</li> <li>- Earth pressure</li> <li>- Geotechnical capacity of deep and shallow foundations</li> </ul> |