#### **Dr. Mohammed H. ABUNEMEH**

Tel: 00 970 599 972012 E-mail: m.abunemeh@najah.edu

 mh\_md\_55@hotmail.com

**CURRENT POSITION**

Assistant Professor, Civil Engineering Department, An Najah National University, August 2017 - present

**EDUCATION**

* **2014- 2017, PhD degree:** Paris-Est Universitaire, Paris, France**.**
* Major: Civil Engineering
* Minor: Construction site layout optimization regarding risk generated from natural and/ or technological hazards utilizing GIS
* **2010 – 2012, Master of Science**: Construction Engineering & Management department, King Fahd University of Petroleum and Mineral, Dhahran, Saudi Arabia, Excellent first
* Major: Construction Engineering and Management
* Minor: Modeling for Construction Contractor Selection in Saudi Arabia
* **2003 – 2007, Bachelors of Science**, Civil Engineering Department, An Najah National University, Nablus, Palestine, Excellent first
* Major: Civil Engineering
* Minor: Structural Engineering
* **2003**, General Secondary certificate exams (Tawjihi), with excellent avg. 95.9%, Qadri Touqan Secondary School, Nablus, West Bank.

**WORK EXPERIENCE**

* August 2017- present, Assistant Professor, Civil Engineering Department, An Najah National University
* Sep 2014– June 2017, Teaching and Research Assistant, Topographic laboratoire, Ecole Speciale des Travaux Publics (ESTP), Paris, France
* 2008 – 2014 Structural Engineer: the followings are some of previous projects analyzed and design:
* On ground 1000 m3 Reservoir at Ajja, Jenin
* On ground 1000 m3 Reservoir, Jalqamous, Jenin
* On ground 1000 m3 Reservoir, KufrRaei, Jenin
* Elevated 500 m3 Reservoir, Jeansafout, Qalqilya
* Elevated 500 m3 Reservoir, Al Mutilla, Jenin
* On ground 2000 m3 Reservoir, Arraba, Jenin
* On ground 500 m3 Reservoir at Ajja, Jenin
* Analysis of Slope stability of Rawabi theatre
* Hawwari residential and commercial building, Nablus
* Rasem Kamal School.
* 2010 - 2012, **Teaching and Research Assistant**, Construction Engineering and Management department, King Fahd University of Petroleum and Mineral, Dhahran, Saudi Arabia
* 2008 - 2010, **Teaching and Research Assistant**, Civil Engineering Department, An Najah National University, Nablus, Palestine

**ADDITIONAL CAREER EXPERIENCE - PART TIME**

* 2010, Training courses using Structural Analysis Program (SAP 2000)
* Engineering Association, Ramallah Branch, Palestine
* Engineering Association, Nablus Branch, Palestine
* Birzeit University, Ramallah, Palestine

**COMPUTER SKILLS**

* Building information modeling techniques (BIM)
* MS Office and Internet (Word, Excel, Power point, Searching)
* AUTO CAD 2007 (2D&3D)
* Geographic information system (GIS) “ArcMap”
* Structural Analysis Program (SAP2000)
* Management program ( Ms-Project)
* PRIMAVERA (P.6)
* Vico Control
* Decision Support system (Expert Choice, @Risk)

**AWARDS**

* **Full PhD scholarship** award at Paris-Est Université, Paris, France, 2014 – 2017.
* **Full MSC scholarship** award at King Fahd University of Petroleum and Mineral, KFUPM, 2010 - 2012.
* **Full BSC scholarship** at An Najah National University, PADICO, 2004 - 2007.

**COURSES TAUGHT:**

* Construction management
* Construction Contracting and Specifications
* Engineering Economy
* Construction materials
* Statics
* Project management and control
* Introduction to Engineering and Professional Ethics
* Research assistant in several courses:
	+ - Transportation Engineering Systems (I, II, III)
		- Structural Analysis (I, II, III)
		- Mechanics of material.
		- Soil Mechanics
		- Reinforced concrete design (I, II, III)

**Publications:**

* El Meouche, R., Abunemeh, M., Hijaze, I., Mebarki, A. and Shahrour, I., 2017. Developing Optimal Paths for Evacuating Risky Construction Sites. *Journal of Construction Engineering and Management*, *144*(2).
* Abunemeh, M., El Meouche, R., Hijaze, I., Mebarki, A. and Shahrour, I., 2017. Hazards, vulnerability and interactions at construction sites: spatial risk mapping. *Journal of Information Technology in Construction (ITcon)*, 22(4), pp.63-79.
* Abune'meh, M., El Meouche, R., Hijaze, I., Mebarki, A. and Shahrour, I., 2016. Optimal construction site layout based on risk spatial variability. *Automation in Construction*, 70, pp.167-177.
* Hijazi, I., Li, X., Koenig, R., Schmit, G., El Meouche, R., Lv, Z. and Abune’meh, M., 2017. Measuring the homogeneity of urban fabric using 2D geometry data. *Environment and Planning B: Urban Analytics and City Science*, *44*(6), pp.1097-1121.
* El Meouche, R., Hijazi, I., Poncet, P.A., Abunemeh, M. and Rezoug, M., 2016. UAV PHOTOGRAMMETRY IMPLEMENTATION TO ENHANCE LAND SURVEYING, COMPARISONS AND POSSIBILITIES. *ISPRS-International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences*, pp.107-114.
* Xu, M., Hijazi, I., Mebarki, A., Meouche, R.E. and Abune'meh, M., 2016. Indoor guided evacuation: TIN for graph generation and crowd evacuation. *Geomatics, Natural Hazards and Risk*, 7 (sup1), pp.47-56.
* Abune'Meh, M., 2017. *Construction Site Layout Optimization, Considering Risk of Natural or Technological Hazard Utilizing GIS* (Doctoral dissertation, Université Paris-Est).
* Abunemeh, M., 2012. *Multi-criteria decision making model for the selection of a construction contractor in Saudi Arabia* (Doctoral dissertation, King Fahd University of Petroleum and Minerals (Saudi Arabia)).