



**Wlla Ibrahim Mhairat** , *Master, JEA Member*

Lecturer

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## ACADEMIC QUALIFICATIONS

**M. Sc. in Civil Engineering (Transportation)**, 2012

University of Jordan, Jordan.

**B. Sc. in civil Engineering (Structure)**, 2007

Hashemite University, Jordan.

## PROFESSIONAL EXPERIENCE

**Lecturer at Civil Engineering Department** – *Al-Zaytoonah University of Jordan, Jordan, (1/11/2012 – present)*

**Lecturer at Civil Engineering Department** – *Al-khwarizmi College, Jordan, ),(part time)(1/11/2011 –1/11/2012).*

**Planning Engineer in Higher Planning Council-** Ministry of Municipal Affairs, Jordan (1/10/2009-1/11/ 2012).

**Planning Engineer in Jordan Master Planning Department** - the Ministry of Municipal Affairs, Jordan (28/12/2008-1/10/2009).

**Steel Designer in Petra Aluminium Company**, Jordan (1/3/2008-28/12/2008).

**Concrete Designer in Amaryllis Office**, Jordan (1/7/2007-1/3/2008).

**Published:** two papers in referred journals and conferences

## INTERESTS

- Traffic and Transportation Engineering..
- Engineering Project Management
- Pavement Maintenance .
- Pavement Design.
- Highway Engineering.

## **Institutional and Professional Services**

### **o Courses Taught**

- Traffic and Transportation Engineering.
- Engineering Project Management
- Surveying
- Highway Engineering.
- Technical Writing
- Pavement Design
- Pavement maintenance
- Engineering Geology
- Soil Mechanic.
- Structural Analyses.
- Reinforced Concrete.
- Static.
- Strength of Materials

## **Professional Development Activities in the last six years**

- Attend A Road Safety Seminar (**How to Decrease the Number of Road Safety Seminar**)- Sheraton –Amman 5/5/2016.
- Attend A Road Safety Workshop –Jordan Engineers Association –Amman 2/8/2016
- A Certificate in GIS and Urban Master Planning .
- A Certificate in Arc GIS Advance .
- A Certificate in Design Earth quake Resisting Buildings .
- Software : Autocad ,SAP2000,E\_tab, Safe ,Prokon, Aluminum shuko, Microstation and Advance Arc GIS
- Programming languages : C++,and Visual basic
- Membership in Credit Transfer Committee.
- Civil Engineering Committee secretary ( Meeting Recorder).
- Membership in Students and graduate affairs committee.
- Membership in Engineering competency committee

## **Honors and Awards**

- Honorary Doctorate from Global Initiative for Humanity Leaderships.
- Lecturer in Breast Cancer Topic jointly with the Jordan Youth Authority.

## **Journal Publications:**

1. “ Gap Acceptance Regression Model at Un-signalized Intersections (Major-Minor Roads) in Amman-Jordan”, International Journal of Civil Engineering Research,ISSN2278-3652 Volume 7,Number 1,pp1-13 ,2016.
- 2.” Determinations of Critical Gap/Lag and Follow-Up Time at Roundabouts in Amman/Jordan”, submitted to Institute of Transportation EngineersJournal,2017.
- 3.“ Impact of Weather Related Environment al Attributes on Traffic Volumes , Traffic Speed and Road Capacity “.(progress)
- 4.” Road Growth rate in Jordan” , (progress).
- 5.”Hazardous Wastes Manangement in Jordan” ,( progress).
6. “Appropriate Strategies for Amman Water Supply System”,( progress).

7. "Analysis of Gap Acceptance at T-intersections and On Ramps around Amman City", submitted to Jordan Journal of Civil Engineering,2017.

### **Conference Publications:**

1. "Comparison of Electrocoagulation and Coagulation Techniques for the Municipal Wastewater Treatment"(Dr.Walid K.M.Bani Salameh, Dr.Hesham Ahmad, Eng.Walaa Mhairat) ,proceedings of academics world International Conference,Warsaw, poland ,April2016,ISBN978-93-86083-08-1.