



Atta M.E. Abboushi
**Civil Engineer,
Water and Environmental
Engineer, and researcher**

Contact Information »	
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Nationality: Jordanian
Resident of: Palestine
Birth date: March 23, 1987
Gender: Male
Marital Status: Single
Passport: Valid

Education

2010-2013: Master Degree in Water and Environmental Engineering, Faculty of Graduate Studies, An-Najah National University, Nablus-Palestine. Concentrated on **water resources management and pollution**. (Accumulative average 3.63/4).

2005-2010: Bsc., Civil Engineering Department, Faculty of Engineering, An-Najah National University, Nablus-Palestine, with emphasis on **soil mechanics and foundation engineering**. (Accumulative average 83.2% for 174 credit hours). **One of the 5% best students in the CE department**. Graduation Project is about "Foundations Design of a commercial Mall".

2004-2005: Scientific Secondary School Certificate, Al-Fadiliyyah Secondary School, Tulkarem-Palestine, Average 88.2%.

Master Thesis:

Master thesis: **"A Preliminary Investigation of Wadi-aquifer interaction in the Semi-arid Regions, the Case of Faria Catchment, Palestine"**. **This research is the first attempt of its kind in Palestine and the region.**

Skills

Language skills				
	Language	Speaking	writing	Reading
1	Arabic	Fluent	Excellent	Excellent
2	English	Very good	Excellent	Excellent

Computer skills	
CAD	AutoCAD 2007,2008
Lingo	Optimization Modeling Software
Structural Analysis & Design	SAP 2000, RCD, Prokon, some knowledge about Atir
Water and Wastewater Networks Analysis & Design	EPANET 2.0, some knowledge about WaterCad and SewerCad
Project Management	Some knowledge about MS Project
Other	MS Office (Word, Excel, PowerPoint)
Internet	Emails and others
GIS	Geographic Information System, Arc GIS, version 9.3, 10
HEC-HMS	Hydrologic Modeling System Software, version 3.4
Water and Environmental Engineering softwares	CROPWAT/Groundwater Modeling: MODFLOW/Pipe Flow/ water and wastewater treatment technologies appropriate for reuse: WAWTTAR/ Fate and transport of contaminants in streams: OTIS/ River and Stream Water quality model: QUAL2K

Personal skills	
1	Leadership & self-motivated
2	Excellent oral & written communication skills
3	Excellent listening skills
4	Time management
5	Team working
6	Work Under Pressure

Certificates and Recommendations

- October 9-10, 2013:** A certificate of appreciation presented to Eng. Atta Abboushi in appreciation for presenting a paper titled: "Developing Quantitative and Qualitative Relationships of Wadi-Aquifer Interaction in the Semi-Arid Watershed of Faria, Palestine" in the Third International Conference on Energy and Environmental Protection in Sustainable Development/ICEEP 3, organized by Palestine Polytechnic University, Hebron, Palestine.
- On September 9, 2013:** I got a recommendation letter as a graduate student from Dr. Sameer M. Shadeed, lecturer and researcher in the Water and Environmental Studies Institute at An-Najah National University, saying that Eng. Abboushi was known to me as one of the top 5% graduate students I have taught in the Hydrologic Processes and Systems course of water and environmental engineering master program. Additionally, I was serving as his co-supervisor for his thesis where he showed initiative, creativity, and commitment. Eng. Abboushi has the ability to produce impressive results in a wide variety of areas and many complex projects where he showed a great attention to details and where quality was never compromised. Also, during his work in the Water and Environmental Studies Institute at An-Najah National University, he showed his ability to deliver clear, concise, and well-thought results with a new perspective.
- On September 7, 2013:** I got a recommendation letter as a graduate student from Dr. Abdel Fattah Hasan, Chair of civil engineering department and a member in the committee of the water and environmental engineering master program, saying that Eng. Abboushi did all his class-projects using a proficient English language, and showed a pioneering mentality, coupled with appreciable analytical skills. He added: Eng. Abboushi is a highly active young engineer with an open-minded personality. He was able to manage his work individually or in group, capable to meet strict deadlines, and recognize the importance of work ethics and persistence. I strongly endorse him to any post and support him strongly

for his endeavor by looking to an adequate research place, fellowship or senior position.

- **On September 3, 2013:** I got a recommendation letter as a graduate student from Dr. Mohammad N. Almasri, member of civil engineering staff and a member in the committee of the water and environmental engineering master program, saying about himself that he has had the privilege of serving as my major supervisor for my thesis at An-Najah National University. Also, he said that Eng. Abboushi has excellent water-related modeling skills and of high capability in communication, presentation and working in teams. Eng. Abboushi has been one of our hardest working graduate students during his time in our Master program. He is a trustworthy gentleman and I strongly recommend him for any future endeavor.
- **On August 8, 2013:** I got a certificate of participation from the Water and Environmental Studies Institute (WESI), An-Najah National University, Nablus, Palestine. This certificate is to confirm that Eng. Abboushi took part as a supported master student on a project of UWIRA and funded by UNESCO. During the project Eng. Abboushi gained experience in groundwater sampling and analysis and in streamflow quantification using tracer-based methodology. Throughout the project Eng. Abboushi showed great interest in all details and worked with endeavor and great commitment.
- **On May 23, 2010:** I got a recommendation letter from Dr. Mohammad N. Almasri, member of civil engineering staff, saying that during his courses I showed exceptional academic capabilities and deep thinking.
- **On May 4, 2010:** I got a recommendation letter from Inst. Dana Adas, member of English language teaching staff- The Language Center, saying that I was one of her outstanding students in the B.A program.
- **On March 14, 2010:** I got a recommendation letter from Dr. Mohammad Ghazal, member of civil engineering teaching staff, saying that I was one of the best students he has taught during his teaching life which reaches about 30 years.
- **2009/ Training Course in AutoCAD:** Korean-Palestinian Information Technology Institute of Excellence, An-Najah National University, Nablus-Palestine.
- **2009/ Training Course in Project Management Essentials:** Korean-Palestinian Information Technology Institute of Excellence, An-Najah National University, Nablus-Palestine.

Honors

- **22/3/2011:** I got a shield of excellence due to achieve the first rank in the master program, presented from the Palestinian Water Authority, and granted by the Minister Shaddad Attili, President of the Palestinian Water Authority.
- **30/11/2013:** My master thesis was classified as one of the masters around the world which contributes in developing the arid and semi-arid regions, and this is based on a French website classification which specializes in the development of arid and semi-arid regions allover the world. and this is the link for this website: <http://www.secheresse.info/spip.php?article22884>

Practical Training & Working Experiences

- **16/2/2014 - now:** Hydrologist at the Consultation Engineering Center (CEC)/Ramallah/Palestine: Conducting hydrologic modeling and analyses of Al-Badan and Qabatiah catchments in Northern of West Bank/Palestine. The objective of this modeling is computing the design flowrates to be used in the hydraulic design of culverts in both Al-Badan-Al-Nassariah road and Qabatiah-Al-Jalameh road in Northern of West Bank/Palestine. Those design flowrates were computed through using the U.S. Army Crops of

Engineers HEC-HMS Model, and with the help of the GIS.

- **10 – 14/12/2013:** Worked as a lecturer in a project conducted by the Palestinian Agricultural Relief, funded by the European Union, and in coordination with Beir-Zeit University in Beit Dajan village/Nablus governorate. The lectures were about: Introduction to wastewater and its characteristics, the Different impacts associated with reuse of treated wastewater, Different topics in the subject of wastewater reuse, and water pollution.
- **14-15/9/2013:** Worked as a lecturer in a project conducted by the Palestinian Agricultural Relief, funded by the European Union, and in coordination with Beir-Zeit University in Anza village/Jenin governorate. The lectures were about: Introduction to wastewater and its characteristics, the Different impacts associated with reuse of treated wastewater, Different topics in the subject of wastewater reuse, and water pollution.
- **May 21, 2013:** My scientific paper titled "Developing Quantitative and Qualitative Relationships of Wadi-Aquifer Interaction in the Semi-Arid Watershed of Faria, Palestine " was accepted for publication in the Third International Conference on Energy and Environmental Protection in Sustainable Development (ICEEP 3) in Hebron, Palestine.
- **2013:** Performed some water and environmental consulting issues for Tulkarem Municipality.
- **2010 – now:** I was appointed by the Palestinian Water Authority (PWA) as the **Palestinian young water ambassador**, and I was **the head of the Palestinian young water ambassador delegation** in the sixth international water forum which was held in Marseille/France between 12-19 of March, 2012.
- **2010 – now:** I became a member of the **environmental club** in An – Najah National University. I participated in many activities and workshops such as: the plastic bags in Palestine: Problems and Solutions, and the effect of global warming on the environment and water resources.
- **2010 – 2011:** I taught some lectures in the civil engineering department, include: **Water drainage systems and Environmental Engineering 2.**
- **2010 – 2013:** Working as a **researcher engineer** in the Water and Environmental Studies Institute An-Najah National University, Nablus-Palestine. I was working on a project titled "**Impact of untreated Wastewater on natural water bodies: Integrated Risk Assessment**". With cooperation with **IHE**, And funded by **UNESCO**.
- **2010 – 2013:** Conducting many water and wastewater quality tests at the Water and environmental Studies Institute labs at An-Najah National University.
- **19/7/2009 – 31/12/2009:** Training in a consultation engineering office; ARABESC – Palestine street, Nablus-Palestine, Telefax: 00970-9-2374616.

That Period I was training with the consultant supervisors on the following projects:
Nablus Municipality Complex Commercial Tunnel, Tubas Electricity Company, NAPCO, Red Crescent Hospital, Zara Center, and Al-Maslmani Mall.

- **1/6/2009 – 1/8/2009:** Training in a consultation engineering office; ARABESC – Palestine street, Nablus-Palestine, Telefax: 00970-9-2374616.
In that period, I trained in structural design field on the following projects: Tubas Government Hospital, Pioneers Baccalaureate School, and Dr. Sami Sokhtian Villa.

Projects

- **Design of water treatment plant for Jenin City** (Water treatment process and design), supervised by Prof. Marwan Hadad.
- **Design of wastewater treatment plant for Anabta town** (Waste water treatment processes and systems), supervised by Dr. A.R.Hasan.
- **Water Quality Modeling Project for Wadi Zeimar, Northern of West Bank/Palestine** (Using Qual2K model). This project was supervised by Dr. A.R.Hasan.
- **Rainfall-runoff modeling for "Wadi Qilt" Catchment, West Bank** (Hydrological Processes and systems), supervised by Dr. Sameer Shadeed.
- **Design of sanitary landfill in Tulkarem Governorate.** (Solid waste management and engineering), supervised by Dr. A.R.Hasan.
- **Conducting Environmental Impact Assessment Study for the project of regional wastewater treatment plant in Tulkarm Governorate.** (Environmental Impact Assessment), supervised by Dr. Hafez Shaheen.
- **Conducting public health and sanitation project under the title of: " Wadi-Aquifer Interaction in Faria Catchment and its Effects on Human Health and the Surrounding Environment"**, supervised by Dr. Hamzi Zabadi
- Conducting many projects in **water resources management issues.**

Publications

- A **conference scientific paper** was published in the **Third International Conference on Energy and Environmental Protection in Sustainable Development/ICEEP 3**, organized by Palestine Polytechnic University, Hebron, Palestine entitled: "Developing Quantitative and Qualitative Relationships of Wadi-Aquifer Interaction in the Semi-Arid Watershed of Faria, Palestine".
- **Journal Scientific paper** in progress for publication in the **Environmental Earth Sciences Journal**. This Paper entitled: "A preliminary Investigation of Wadi-Aquifer Interaction in the Semi-Arid Watershed of Faria, Palestine Using Tracer-Based Methodology".

TOEFL and GRE Scores:

- **TOEFL:** was applied on February 22nd, 2014: My score is 78/120.
- **GRE:** was applied on March 9th, 2014: **Quantitative** (Maths) GRE score: 156/170: which it is equivalent to 720/800.
- **GRE:** was applied on March 9th, 2014: **Verbal** GRE score: 138/170: which it is equivalent to 300/800.

References

- Prof. Marwan Haddad, Director of Water and Environmental Studies Institute (WESI)/An-Najah National University, Nablus, Palestine. E-mail: haddadm@najah.edu
- Dr. Sami A. Hijjawi, B.A. Graduation Project Advisor: An-Najah National University, Nablus-Palestine. E-mail: sami@najah.edu, Mobile: 00970-59-9488195.

- Dr. Mohammad Ghazal, Member of Civil Engineering Teaching Staff: An-Najah National University, Nablus-Palestine.
- Dr. Mohammad Al-Masri, Member of Civil Engineering Teaching Staff: An-Najah National University, Nablus-Palestine. E-mail: mohammad.nablus@hotmail.com
- Dr. Sameer Shadeed, Member of Civil Engineering Teaching Staff: An-Najah National University, Nablus-Palestine. E-mail: sshadeed@najah.edu
- Eng. Samir Salem, the General Manager of ARABESC (Consultation Engineering Office), Mobile: 00970-59-9590114

Referees Available Upon Request