

Dr. Hafez Q. Shaheen

Civil Engineering Department, An-Najah National University, Nablus, Palestine
Tel: 970 9 2345113 ext 2210. E-mail: shaheen@najah.edu

CURRENT POSITION

Associate Professor and faculty Member, Civil Engineering Department, An- Najah National University, August 2008 – Present

EDUCATION

- Dr.-Ing. (PhD.) Hydrology and Water Resources Management, Institute of Water Engineering, Technical University Braunschweig, Braunschweig, Germany, March 1988 – Feb. 1992. “Predicting Suspended Sediment Hydrographs in Rural Creeks”.
- MSc. Hydrosystems, Civil Engineering Department, University of Illinois at Urbana-Champaign, Illinois, USA Aug. 1983 – Jan. 1985,
- BSc. Civil Engineering, University of Jordan, Amman, Jordan, Sep. 1977 – June 1982,.

WORK EXPERIENCE

Associate Professor, Civil Engineering Department, An-Najah National University, Nablus, West Bank, Palestine, August 2008 - Present.

- Several modules teaching and MSc. And BSc. graduation projects supervision.
- Active membership in a number of departmental committees.

Visiting Scholar, Hydrosystems, Civil and Environmental Engineering, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA, Sep. 2002 - June 2003.

- Conduct research in the field of Sediment Transport.

Assistant Professor, Civil Engineering Department, An-Najah National University, Nablus, West Bank, Palestine, March 1992 to July 2008.

- Several modules teaching and MSc. And BSc. graduation projects supervision.
- Active membership in a number of departmental committees.

Instructor, Civil Engineering Department, An-Najah National University, Palestine, January 1985 – September 1987

- Several modules teaching and graduation projects supervision.
- Active membership in a number of departmental committees.

Certifications or professional registrations

International Association for Hydraulic Research (IAHR)

International Water Resources Association (IWRA)

Engineers Association – Jerusalem Center

Arab Association for Environmental Management

Board of Directors, Universal Group for Engineering and Consulting, Nablus

Board of Directors, Water and Environmental Studies Institute (WESI)

ADDITIONAL CAREER EXPERIENCE - PART TIME

- Consultant, Universal Group for Engineering and Consulting, Nablus, West Bank, Palestine, 1993-present

Consultant for several projects in the field of Water and Wastewater Engineering Systems and for different Environmental studies.

SOCIAL AND ORGANIZATIONAL SKILLS

- I was elected as a council member of Nablus Municipality and served as the Deputy Mayor for Planning and Technical Affairs from Dec 2005 to October 2012
- I was elected as the head of the Engineering association, Nablus Branch, 2004-2006.
- I was and I am still member in different NGOs working in different social fields; An-Najah Friends Association, Patients Friends Association, etc.

COMPUTER SKILLS

- MS Office
- Water Cad, Sewer Cad

TRAINING

- Short course in Improving Efficiency and Reliability in Water Distribution Systems, UIMP, Valencia, Spain, Nov. 1994.
- Short course in Groundwater Resources Management in Arid Environments, University of Newcastle upon Tyne, Newcastle, United Kingdom, April 1994.

AWARDS

- German Academic Exchange Service (DAAD), Visiting Scholar, Braunschweig and Freiburg Universities, Germany, July - August 2004.
- Fulbright, Visiting Scholar, Virginia Tech, Blacksburg, VA, USA, August 2002 - June 2003.
- German Academic Exchange Service (DAAD), Visiting Scholar, Braunschweig, Germany, December 2001.
- Palestinian American Research Center (PARC), Visiting Scholar, University of Illinois at Urbana-Champaign, Illinois, USA, June-August 2001.
- German Academic Exchange Service (DAAD), Visiting Scholar, Braunschweig, Germany, July - August 2000.
- United Nations Development Programme (UNDP), Short course, UIMP, Valencia, Spain, Nov. 1994.
- British Council, Short course, University of Newcastle upon Tyne, Newcastle, United Kingdom, April 1994.
- German Academic Exchange Service (DAAD), PhD. Scholarship, Technical University Braunschweig, Germany, Oct. 1987 - March 1992.
- AMIDEAST, MSc. Scholarship, University of Illinois at Urbana-Champaign, Illinois, USA, Aug. 1983 - Jan. 1985.

- Jordanian Ministry of Education, BSc. Scholarship, Jordan University, Amman, Jordan, Sep. 1977 - June 1982.

COURSES TAUGHT:

BACHELOR COURSES:

Elementary Fluid Mechanics, Hydraulics, Hydrology, Irrigation and Drainage, Statics, Dynamics, Engineering Economy, Environmental Engineering I, Environmental Engineering II, Environment in Palestine, Introduction to Engineering.

MASTER LEVEL COURSES:

Probability and Statistics for Engineers, Hydrological Processes and Systems, Advanced Hydraulics, Water Resources Engineering, Planning of Engineering Systems, Environmental Impact Assessment.

PUBLICATIONS

REFEREED JOURNALS:

- Issam A. Al-Khatib, Maria Monou, Abdul Salam F. Abu Zahra, Hafez Q. Shaheen, Despo Kassinos (2010): Solid waste characterization, quantification and management practices in developing countries. A case study: Nablus district, Palestine. *Journal of Environmental Management* 91, 1131–1138.
- Hafez Shaheen and Riyad Abdel Karim (2007): Management of Olive-Mills Wastewater in Palestine. *An-Najah University Journal for Research, Natural Science* Vol. 21, 2007, An-Najah National University, Nablus, Palestine.
- Hamees Tubeileh, Hafez Shaheen, and Amjad Aliewi (2005): Modeling of the Eocene Aquifer in Northern West Bank, *An-Najah Journal for Research, Natural Science*, An-Najah National University, Nablus, Palestine.
- Hafez Q. Shaheen and P. Diplas (2005): Bedload transport in gravel streams - Surface versus subsurface based transport analysis. *An-Najah Journal for Research, Natural Science*, An-Najah National University, Nablus, Palestine.
- Hafez Shaheen, Anan Jayyousi and Sameer Shadeed (2005): Hydrograph Estimation in Semiarid Regions Using GIS supported GIUH, Model West Bank as a Case Study. *JASC journal*, Saudi Arabia.
- H.Q. Shaheen (2003): Wastewater Reuse as means to optimize the use of Water Resources in the West Bank. *Water International*, Vol 28, No 2, IWRA, USA.
- H.Q. Shaheen (2002): "Storm Water Drainage in Arid and Semiarid Regions, West Bank as a case study." *An-Najah Journal for Research, Natural Science*, Vol 16 (2), An-Najah National University, Nablus, Palestine.
- H.Q. Shaheen (2000): "Municipal wastewater characteristics at Irtah pumping station in Tulkarem City.", *Water Science and Technology*, No. 42 (1-2).
- H.Q. Shaheen (1992). Modeling of Suspended Sediment Hydrographs in Rural Catchments (in Germany), *TU Braunschweig Journal*, Heft 116/1992, Braunschweig, Germany

REFEREED CONFERENCES:

- Samer Al- Kharouf and Hafez Shaheen (2005): Appraisal of Social and Cultural Factors Affecting Wastewater Reuse in the West Bank. *First International Conference on Sustainable Urban Wastewater Treatment and Reuse*, Nicosia, Cyprus.

- Hafez Shaheen, Anan Jayyousi, Sameer Shadeed, and Ammar Jarrar (2005): Hydrograph Estimation Using GIS supported GIUH Model. Proceedings of the 9th International Water Technology Conference (IWTC) 2005, Sharm Al-Sheikh, Egypt, March, 2005.
- Sameer Shadeed, Anan Jayyousi and Hafez Shaheen (2005): Probability Distribution of Faria Catchment Rainfall. Water: Values and Rights International Conference, PALAST, Palestine.
- Sameer Shadeed, Anan Jayyousi and Hafez Shaheen (2005): Probability Distribution of Faria-Catchment Rainfall. Proceedings of the International Conference Water: Rights and Values, Palestinian Academy and PWA, Ramallah, Palestine.
- Hafez Q. Shaheen (2004): Management of Olive Mills Wastes in the Palestinian Territories. Proceedings of the third Arab Conference for Environmental Management: Recent Attitudes for Managing the Wastes that Pollute the Environment. Sharm Al-Sheikh, Arab Administration Development Organization, Egypt, Nov. 2004.
- H. Q. Shaheen and P. Diplas (2003): A Combined, surface-Subsurface, Approach to Bedload Transport Calculations in Gravel Bed Streams. Proceedings of the XXXIAHR Congress, August 2003, Greece. Volume 3, pp 647-654.
- M.A. Sulaibi and H.Q. Shaheen (1996): Environment Management from Islamic Perspective. Working paper presented to Hisham Hijjawi Prize for Applied Sciences, Hisham Adib Hijjawi Scientific Establishment, Amman, Jordan.
- S. Sleibi and H.Q. Shaheen (1996): Wastewater as a Mean to Optimize the Use of Water Resources in the West Bank. Proceedings of the International Seminar on Water Resources Management, Water and Environmental Studies Center, An-Najah National University, Nablus, Palestine.
- S. Sleibi and H. Q. Shaheen (1995): Effect of Roof Storage Tanks on Water Distribution System. Symposium on: A Strategy for Water Sector Capacity Building in Palestine. Birzeit University and IHE, Birzeit, Palestine.
- H.Q. Shaheen and S.A. Abu-Eisheh (1995): Water Problem in Palestine Part I: Palestinian Water Resources. Proceedings of the Seminar: Water Problem in the Middle East. Middle East Studies Centre, Amman, Jordan.
- H.Q. Shaheen and S.A. Abu-Eisheh (1995): Water Problem in Palestine Part II: Water Problem, its Features, Dimensions and Solutions. Proceedings of the Seminar: Water Problem in the Middle East. Middle East Studies Centre, Amman, Jordan.
- H.Q. Shaheen (1994): A Watershed Model for Estimating Suspended Sediment Hydrographs. Hydraulic Engineering 1994, Proceedings of the 1994 Conference of the ASCE, ASCE, USA.
- A.H. Helou and H. Q. Shaheen (1993): Rain Water Roof Catchment Systems as means to partially alleviate water in the West Bank. 1st Palestinian Conference in Civil Engineering, An-Najah National University, Nablus, Palestine.
- H.Q. Shaheen (1993): A Watershed Model for Estimating Suspended Sediment Hydrographs. 1st Palestinian Conference in Civil Engineering, An-Najah National University, Nablus, Palestine.

OTHERS:

- H.Q. Shaheen (1993): Water, Management and Planning - Training Needs in the Field of Water in the Occupied Palestinian Territories. National Foundation for Divestment and Development, Jerusalem, Palestine.