

# **CURRICULUM VITAE**

## **PERSONAL**

**Surname:** Shadeed

**First name:** Sameer

**Date and place of birth:** Palestine, 1978

**Marital status:** Married with three children

**Present position:** Assistant Professor/Water Resources

## **ADDRESS**

P. O. Box 7,  
Water and Environmental Studies Institute,  
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Nablus,  
Palestine.

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## **OBJECTIVE**

As a researcher and lecturer, I will utilize and broaden my experience and qualifications in hydrology of dry regions, water resources management, climate change prediction, water quality monitoring and environmental impact assessment.

To be an active member in your distinguished corporation, doing my best to achieve the goals of your future prediction in the fields required.

## **PERSONAL PROFILE**

I am an open-minded, creative and energetic person, driven by a zest for satisfying my scientific curiosity and with verve for academic rigor. I have a strong track record not only in working independently, but also in collaborating as an enthusiastic partner in a large multi-disciplinary and multi-national team. Throughout my research experience (particularly during my multi-partner Ph.D. project and current position) I have taken initiatives and obtained good experiences of leadership.

## **EDUCATION**

**January 2006 – July 2008:** Freiburg University, Germany, Ph.D. in hydrology with emphasis on surface water modeling and management of arid and semiarid regions.

**September 2003 – December 2005:** An-Najah National University, M.Sc. in Water and Environmental Engineering with emphasis on hydrology and water resources management.

**September 1997 – June 2002:** An-Najah National University, B.Sc. in Civil Engineering with emphasis on hydrology.

## **THESES**

### **Ph.D.**

Title: Up To Date Hydrological Modeling in Arid and Semi-arid Catchment, the Case of Faria Catchment, West Bank, Palestine

### **M.Sc.**

Title: GIS-Based Hydrological Modeling of Semiarid Catchments (The Case of Faria Catchment)

### **B.Sc.**

Title: Synthetic Modeling of Rainfall-Runoff Process of Upper Wadi Al-Faria Catchment

## **EMPLOYMENT**

### **January 2003- July 2003**

Supervisor Engineer, School of Science, An-Najah National University (New Campus), Nablus, Palestine.

### **August 2003 – July 2008**

Researcher at water and environmental studies institute, An Najah National University, Nablus, Palestine.

**Major project:** GLOWA–JR: Integrated Land and Water Management in the Lower Jordan River Basin (<http://glowa-jordan-river.com>).

### **August 2008– July 2010**

A part time lecturer at the civil engineering department of An-Najah National University, Nablus, Palestine.

### **August 2010–**

A full time lecturer and researcher at the water and environmental studies institute of An-Najah National University, Nablus, Palestine.

## **TEACHING EXPERIENCE**

### **Undergraduate**

61110. Statics  
61212. Mechanics of Materials  
61441. Hydrology  
61350. Environmental Engineering I  
10162. Environment in Palestine  
61340. Fluid Mechanics  
61520. Irrigation and Drainage  
61100. Introduction to Engineering

### **Graduate**

461641. Hydrological Processes and Systems  
400512. Natural Resources Management

## **KEY QUALIFICATIONS**

- Hydrology, Rainfall-runoff modeling;
- Climate and Landuse change modeling and assessment;
- Managing the scarce water resources in dry regions;
- Geographic Information System (GIS);
- GIS applications to water resources modeling and management;
- GIS applications to hydrology;
- Environmental impact assessment;
- Water and sanitation networks design;
- Water quality monitoring; and
- Economic engineering analysis.

## **TRAINING COURSES**

- GLOWA-Workshop on GIS and Hydrologic Modeling, Introduction and Application of ZIN-Model (5-23 July, 2004, Freiburg University, Germany).
- Institutional Management (19-24 June, 2004, Engineers Association, Ramallah, Palestine).
- International Course on Anaerobic Sewage Treatment and Agricultural Reuse of Treated Effluent (17-22 January, 2004, Birzeit University, Palestine).
- Arc View 3.2 GIS (2 November-13 December, 2003, An-Najah National University, Palestine).

## **PUBLICATIONS**

- **Shadeed, S.** and J. Lange. Rainwater Harvesting to Alleviate Water Scarcity under Dry Conditions: a Case Study in Faria Catchment, Palestine. *Water Science and Engineering*, 2010, 3(2): 132-143, doi:10.3882/j.issn.1674-2370.2010.02.002
- **Shadeed, S.** and M. Almasri. Application of GIS-based SCS-CN method in West Bank catchments, Palestine. *Water Science and Engineering*, 2010, 3(1): 1-13, doi:10.3882/j.issn.1674-2370.2010.01.001
- **Shadeed, S.**, J. Lange and A. Gunkel. Hydrological Modeling for Water Resources Assessment in a Typical Arid Catchment: Wadi Faria, West Bank, Palestine. *Hydrol. Sc. J.*, in review.
- **Shadeed, S.** and J. Lange. Effects of Land Use and Climate Changes on Storm Runoff Generation in Arid and Semi-Arid Catchments: Up to Date Modeling Capabilities. 2<sup>nd</sup> international conference, *Water: Values and Rights*. Palestine Academy for Science and Technology, Ramallah, Palestine, April 2009.
- **Shadeed, S.** and J. Lange. Best Surface Water Management Options for Faria Catchment: Present Knowledge and Up to Date Modeling Capabilities. 2<sup>nd</sup> international conference, *Water: Values and Rights*. Palestine Academy for Science and Technology, Ramallah, Palestine, April 2009.

- **Shadeed, S.**, J. Lange and A. Gunkel. Up To Date Hydrological Modeling in Arid and Semi-Arid Catchment, the Case of Faria Catchment, West Bank, Palestine. European Geosciences Union (EGU) Conference. Vienna, Austria, April 2008.
- Lange, J., A. Gunkel, **S. Shadeed**, C. Fischer, R. Krier, E. Morin, T. Grodek and L. Menzel. New insights into the variability of water resources in the Jordan River Catchment. European Geosciences Union (EGU) Conference. Vienna, Austria, April 2008.
- **Shadeed, S.** and H. Shaheen. GIS Based SCS-CN method for the Faria Catchment. Sustainable Development and Management of Water in Palestine, International Conference on Palestine Water, Amman, Jordan, August 2007.
- **Shadeed, S.** and M. Almasri. Statistical Analysis of Long-Term Rainfall Data for a Mediterranean Semi-Arid Region: A Case Study from Palestine. Sustainable Development and Management of Water in Palestine, International Conference on Palestine Water, Amman, Jordan, August 2007.
- **Shadeed, S.**, H. Shaheen and A. Jayyousi. Management Options of Wadi Faria Baseflow. The 11th international water technology conference, Sharm El-Sheikh, Egypt, March 2007.
- **Shadeed, S.**, H. Shaheen and A. Jayyousi, 2006. GIS-Based KW-GIUH Hydrological Model of Semiarid Catchments: The Case of Faria Catchment, Palestine. The Arabian Journal for Science and Engineering, Volume 32, Number 1C.
- **Shadeed, S.**, A. Jayyousi and H. Shaheen. Probability Distribution of Faria-Catchment Rainfall. 1<sup>st</sup> international conference, Water: Values and Rights. Palestine Academy for Science and Technology, Ramallah, Palestine, May 2005.
- Shaheen, H., A. Jayyousi, **S. Shadeed** and A. Jarrar. Hydrograph Estimation Using GIS Supported GIUH Model. The 9th international water technology conference, Sharm El-Sheikh, Egypt, March 2005.