

SAMAH JABARI



PROFILE

Expert and highly qualified researcher in the field of Water and Environmental Engineering. Focusing on: teaching, conducting research, implementing projects, providing consultation, giving public lectures, rising awareness, improving knowledge, writing articles.

Robust background in civil engineering with excellent skills in organization, team works, supervising and coaching.

Research Interests: Water Security, Risk Analysis and Management, Water sectors Planning and Management, Surface and subsurface Hydrology, GIS Application in Hydrology, Water Demand Management, evaluation, planning and design of the water and waste water infrastructures, and developing the Smart cities principles and applications.

CONTACT

PHONE:
972-599 379443

ACCOUNTS:

Samah Jabari on:
Research Gate
LinkedIn
Academia
Elsevier

EMAIL:

samahj@ppu.edu
Samah.jabari.25@gmail.com

HOBBIES:

Travelling
Reading
Writing

EDUCATION

PhD, Water Security and Risk Assessment Issues, University of Lille, France [2018 – 2020].

M.Sc., Water and Environment Engineering, Birzeit University, Palestine [2005 – 2007].

B.Sc., Civil Engineering, Palestine Polytechnic University, Palestine [1997 -2002].

WORK EXPERIENCE

[Palestine Polytechnic University- West Bank- Palestine] [Assistant Professor]

[August- 2020]–[now]

[Teaching a civil engineering undergraduate students at the third, fourth and fifth year, in addition to supervising and coaching civil, water, waste water, and environmental projects.]

[Laboratory of Civil Engineering and geo-Environment - University of Lille-France] [PhD Researcher]

[January- 2018]–[July- 2020]

[Researching, learning, and publishing articles.]

[Palestine Polytechnic University- West Bank- Palestine] [Lecturer]

[January-2015]–[December- 2017]

[Teaching several required and elective courses in undergraduate level at the civil engineering department, and Supervising for undergraduate graduation projects (4 to 5 each year).]

[Palestine Polytechnic University- West Bank- Palestine] [Instructor]

[January-2007]–[December- 2014]

[Teaching.]

[Palestine Polytechnic University- West Bank- Palestine] [Laboratory Supervisor]
[January-2004]–[December- 2006]

[Supervising on the Land Surveying laboratory, teaching the technical and practical courses related to the land surveying, and participating in all field works related to land surveying inside and outside Palestine Polytechnic University.]

[Palestine Polytechnic University- West Bank- Palestine] [Research and Teaching Assistant]

[October-2002]–[December- 2003]

[Assisting professors in their researches, as well as assisting in some courses and discussion sessions.]

Publications

Thesis

- [Risk-based Analysis of Urban Water Security: Application to Palestinian Cities] PhD. Thesis, University of Lille, July-2020.
- [Estimation of Runoff for Agricultural Watershed Using SCS Curve Number and GIS]. M.Sc. Thesis, Birzeit University, Ramallah, Palestine, June- 2007.

Articles

- [Assessment of the Urban Water Security in a Severe Water Stress Area–Application to Palestinian Cities], International Journal Water — Open Access Journal of MDPI, Water 2020, 12(7), 2060; <https://doi.org/10.3390/w12072060>

2. [Use of Risk Analysis for Water Security Assessment], MATEC Web Conf. Volume 295, 2019, Smart Underground Space and Infrastructures – Lille 2019, Article Number: 02008, Section Resilient Infrastructures, DOI: <https://doi.org/10.1051/mateconf/201929502008>
3. [Drinking water loss management in Palestine: a case study of Hebron city water distribution network], International Journal of Global Environmental Issues (IJGENVI) – Inderscience Publisher, Vol. 16, Nos. 1/2/3, 2017, DOI: 10.1504/IJGENVI.2017.083429
4. [Assessment of Runoff Potential of A Small Watershed in Southern Palestine], Journal of Applied Hydrology (JAH), Volume XXIII, No. 3 & 4, Jul. & Sep. 2010.

Refereed Conferences

1. [Non-Revenue Water Management in Palestine], 19th International Conference on Sustainable Building and Infrastructure Engineering, Istanbul – Turkey, 27- 28 July 2017.
2. [Water Loss Management in Palestine], Second PADUCO Conference, Palestinian Dutch Cooperation Conference, Den Hag, Netherlands, 28 - 30 October 2015.
3. [Assessment of Runoff Potential of a Small Watershed in Southern Palestine], Eighteenth International Water Technology Conference, Sharm ElSheikh, 12-14 March 2015.
4. [Generation of Biogas from Bio-waste in Rural Area of Palestine], International Conference on Sustainable Environment and Agriculture, Abu Dhabi. UAE, 17 – 18 November 2013.
5. [Management of Agricultural Watershed Using GIS in Palestine], Sixteenth International Water Technology Conference, Istanbul, Turkey, May, 7 - 10, 2012.
6. [Biogas Technology in Palestine], fourth International Energy Conference, Ramallah, Palestine, January, 26 - 27, 2011.
7. [Environmental study for the Palestinian Old Cities], The International Conference on the Development and Economical Revival of Historical City Centers , Hebron, Palestine, July, 19-21, 2011.

Funded Projects

1. [Evaluation and Design of Infrastructure in the Palestinian Camps - Case Study: Al-Arroub Camp], Funded by Deanship of Scientific Research, Palestine Polytechnic University, Palestine, 2012.
2. [Evaluation and Design of Part of Infrastructure in the Palestinian Old Cities - Case Study: Hebron Old City], Funded by Deanship of Scientific Research, Palestine Polytechnic University, Palestine, 2014.
3. [Reclamation of Springs and Wells at Nuba Town Watershed], Funded by Deanship of Scientific Research, Palestine Polytechnic University, Palestine, 2017.

Courses Attended

1. [Transboundary Hydro-Governance and SDG 6], Water Diplomacy Center, Jordan University of Science & Technology, Jordan, November-2020.
2. [Summer School on Smart Urban Infrastructure], Lille, France, 2019.
3. [Summer School on Smart Cities], Stockholm, Sweden, 2018.
4. [ISO Regional Training on Trainers on Water Footprint (ISO 14046)] ISO Academy, Cairo, Egypt, 20 – 24 March, 2016.
5. [Entrepreneurial Education], MSM Maastricht School of Management, EP-Nuffic project no. NFP/TM/14/183/PAA, Palestine Polytechnic University, 17-20 May, 2015.
6. [Wastewater Treatment and Reuse], UNESCO-IHE Institute for Water Education and the Arab Countries Water Utilities Association (ACWUA) within the framework of the ENPI Horizon 2020 Capacity Building/ Mediterranean Environment Program, Ramallah, West Bank, Palestine, June, 13-16 , 2011.
7. [Training of Trainers in Energy Management and Energy Auditing], AWEP - Ahli Wind Project and University of Twente, Palestine and The Netherlands, 30 January - 10 February, 2011.
8. [Chemical and Physical Analysis of Drinking Water], Royal Scientific Society, Amman, Jordan, 25-28 July, 2010.
9. [Fourth Arab Cleaner Production Workshop], Royal Scientific Society, Amman, Jordan, 8-10 March, 2010.

Training

As main trainer:

1. [Water Saving Management], Continuing Education Department, Palestine Polytechnic University and GIZ (German Cooperation), May, 5 – 26 / 2016, Palestine.
2. [Design of Wastewater and Storm water Facilities], The Palestinian Wastewater Group (PWEG), July, 26-30/ 2015, Ramallah, Palestine.

3. [Enterprising Teaching Methods], Palestine Polytechnic University with Maastricht School of Management Support, October 6-20/2015, Hebron, Palestine.

Skills

Languages

English [Very Good - spoken, reading and writing].

Arabic [native language].

French [Basics].

Computers

Ability To Use Mainframe Computers and PCs. Software Capabilities Include. Microsoft Word, Excel, power point.

Previous and most recent software applications for water and waste water design, management and monitoring; SewerCAD, StormCAD, WaterCAD, AWWA Water Audit.

Reference People

1. Prof. Isam Shahrouh

Director of Laboratory of Civil Engineering and geo-Environment– University of Lille-France.

Email: isam.shahrouh@univ-lille.fr

Telephone: 00 33 6 79477404

Prof. Marwan Ghanem

Associated Professor – Department of Geography - Birzeit University (BZU)

Email: mghanem@birzeit.edu

Mobile: +970598442265