

CURRICULUM VITAE

Jihan Mahmood Qasim

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Department of Water Resources Engineering

College of Engineering

University of Duhok

Info

Name Jihan Mahmood Qasim

Nationality Kurdish

Place of birth Duhok, Kurdistan, Iraq

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Academic profile

<http://web.uod.ac/ac/c/coe/departments/wre/members/jihan-mahmood-qasim/>

Degrees Awarded

M.Sc. : Hydraulic Engineering, University of Sulaimani, 2012.

B.Sc. : Water Resources Engineering, University of Duhok, 2007.

Academic Qualifications

Lecturer: Water Resources Engineering Department, University of Duhok, 30th October 2016.

Assistant Lecturer: Water Resources Engineering Department, University of Duhok, 6th June 2012.

Research Interests

Open-Channel Flow
Numerical Simulation
Closed-Conduit Flow
Hydraulic Structures.

Membership in Engineering Societies

Kurdistan Engineers Union

Teaching Experience

1. Analysis of Water Resources Systems
2. Computer Application (MATLAB)
3. Computer Programming Using Fortran
4. Descriptive Geometry
5. Engineering Analysis
6. Numerical Methods
7. Open Channel Hydraulics
8. Water Resources Economy and Management

Computing Skills:

- Programming (MATLAB – Fortran – Basic – C++).
- AutoCAD
- AutoCAD Civil 3D
- Hydraulic software (HEC-RAS – ADH – WinFlume)
- Statistical software (SPSS)

Awards

- Deputy Prime Minister, 2008.
- Ministry of Higher Education and Scientific Research, 2008.

Publications

1. Shaker A. Jalil, Sarhan A. Sarhan, Jihan M. Qasim, and Bshkoj S. Hussein (2019), Properties of Flow through and over Gravel Basket Weir, *Journal of University of Babylon for Engineering Sciences*, 27(3) pp. 127-136.
2. Shaker A. Jalil, Sarhan A. Sarhan, Bshkoj S. Hussein, and Jihan M. Qasim (2019), Effect of Gravel Size and Weir Height on Flow Properties of Gabions, *Journal of University of Babylon for Engineering Sciences*, 27(2) pp. 214-222.
3. Shaker A. Jalil, Sarhan A. Sarhan and Jihan M. Qasim (2018), Hydraulic Characteristics of Flow over and under Semi-Cylindrical Structure, *Journal of Duhok University*, 21(2) pp. 45-58.
4. Shaker A. Jalil and Jihan M. Qasim (2016), Numerical Modelling of Flow over Single-Step Broad-Crested Weir Using FLOW-3D and HEC-RAS, *PolyTechnic General Sciences Journal, Erbil Polytechnic University*, 6(3) pp. 435-448.
5. Jihan M. Qasim (2013), Laboratory and HEC-RAS Simulations of a Single-Step Weir, *ARPJN Journal of Engineering and Applied Sciences*, 8(12), pp. 1005-1011.
6. Jowhar R. Mohammed and Jihan M. Qasim (2012), Comparison of One-Dimensional HEC-RAS with Two-Dimensional ADH for Flow over Trapezoidal Profile Weirs, *Caspian Journal of Applied Sciences Research*, 1(6), pp. 1-12.