

## Bshkoj Curriculum Vitae

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### PERSONAL DETAILS

**Name:** Bshkoj Sidqi Hussein

**Nationality:** Iraqi, Kurdish

**Business address:** University of Duhok,  
College of Engineering,  
Water Resources Engineering,  
Zakho Street 38, 1006AJ Duhok, P.O. Box 78,  
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**Google Scholar:** <https://scholar.google.co.uk/citations?hl=en&user=WAIBSloAAAAJ>



### DEGREE AWARDED

M.Sc.: Hydraulic Engineering- 2016- University of Duhok.

B.Sc.:Water Resources Engineering - 2011- University of Duhok

### ACADEMIC QUALIFICATIONS AND WORK EXPERIENCE

2020 Lecturer in the College of Engineering, University of Duhok, ongoing

- Design of Hydraulic Structures I & II
- Fluid Mechanics.

2016 Assistant Lecturer in the College of Engineering, University of Duhok, ongoing

- Design of Hydraulic Structures I & II
- Irrigation Engineering I & Irrigation Design II
- Engineering Economy
- Fluid Mechanics.

2011 Demonstrator at Water Resources Department - college of engineering-University of Duhok

- Engineering drawing and AutoCAD

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- Descriptive geometry
- Computer programming
- Computer Fundamentals.

### **COMPUTER SKILLS**

- Microsoft office (ICDL certificate)
- AutoCAD Software
- Statistical Software (SPSS)
- Geographical Information System (GIS) software
- Programming Software (Matlab & Fortran)
- CFD Software (Ansys CFX, Ansys Fluent and Flow 3D)
- Optimization software (TORA)
- Reference Management Software (EndNote)
- Reference Management Software (Mendeley)
- HEC-RAS

### **RESEARCH INTERESTS:**

- Hydraulic Structures
- Numerical Modeling
- Open channel Hydraulics
- Computational Fluid dynamics
- Fluid Mechanics

### **LANGUAGES:**

- Kurdish
- English
- Arabic

### **TRAINING COURSES:**

I was involved in the following courses to enhance my skill:

- English Proficiency Course, 2013, organized by training and development center-UoD.
- Computer Course (ICDL), 2012, organized by training and development center-UoD.
- Faculty Academic Capacity Building, 2016, organized by training and development center-UoD.

### **MEMBERSHIP**

- Member of Kurdistan Engineering Union.
- Member of Kurdistan Teachers Union.

### PUBLICATION

- Shaker A. Jalil, Bshkoj S. Hussein and Sarhan A. Sarhan (2020), Visualization of elbow flow performance as shaft spillway, *Ain Shams Engineering Journal*, 11(4) Pp. 865-873.
- Bshkoj S. Hussein and Shaker A. Jalil (2020), Hydraulic Performance for Combined Weir-Gate Structure, *Tikrit Journal of Engineering Sciences*, 27(1) pp. 40-50.
- 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.
- 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.
- Bshkoj S. Hussein and Shaker A. Jalil (2016), Hydraulic Comparison between Labyrinth and Plain Stepped Falls, *Journal of University of Duhok*, 19(1) pp. 226-237.
- Shaker A. Jalil and Bshkoj S. Hussein (2016), Experimental and modeling of flow over Labyrinth and Plain Stepped Falls, *ICRE, Journal of University of Duhok*. Pp. 662-679.
- Rondik A. Jaafer and Bshkoj S. Hussein (2016), Hydraulic Characteristics of Flow over Circular Crested Weirs, *Journal of University of Zakho*, 4(2) pp. 287-296.

### THESIS:

- Bshkoj S. Hussein, Hydraulic Study and Simulation of Flow Characteristics over Stepped Falls, M.Sc. thesis, University of Duhok, 2016.

### HONORS AND AWARDS

- Chancellor of the Kurdistan Region Security Council in Iraqi Kurdistan, 2011.
- Deputy Prime Minister of the Iraqi Federal Government, 2011.
- Ministry of Higher Education and Scientific Research, 2011.

### BRIEFLY LIST THE MOST RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

- Participated in the 2nd International conference of the college of engineering/UoD, 2017.
- Attended Workshops and Seminars in Engineering College/ University of Duhok.
- Attended Workshops and Seminars in American Corner/ University of Duhok.

### REFERENCES

All references are available in request.