

Curriculum Vitae (C.V.)



- 1- **Title** : *Dr. (Doctor of Philosophy)*
- 2- **Name** : *BAHZAD MOHAMMAD ALI NOORI*
(First) (Middle) (Surname)
- 3- **Current Address**: *Engineering Department, Department of Civil Engineering, College of Engineering, University of Duhok, Duhok, Iraq.*
- 4- **Place and Date of Birth**: *Baghdad, 22nd December, 1954.*
- 5- **Marital Status**: *Married with Four Children.*
- 6- **Major Field**: *Civil Engineering.*
- 7- **Field of Specialization**: *Structures & Water Resources (Design of Hydraulic Structures).*
- 8- **Country of Citizenship**: *IRAQ.*
- 9- **Total Service Period**: *37 years (27 years in Universities).*
- 10- **Qualifications** :

University and Country	Date	Degree	Field of Study
College of Engineering, University of Mosul, Mosul, Iraq.	1972-1976	B.Sc.	Civil Engg.
College of Engineering, University of Mosul, Mosul, Iraq.	1976-1977	P.G. Diploma	Structures and Soil Mechanics
College of Engineering, University of Mosul, Mosul, Iraq.	1977-1978	M.Sc.	Structures
University of Southampton, England	1979-1985	Ph.D.	Hydraulic structures

11- **Languages** : English , Arabic , Kurdish.

12- **Experience** :

Position	Place	Period
Contractor Engineer	Supervising Construction of Buildings and Roads in Duhok and Zakho Region.	1976-1979
Lecturer, Ph.D Student	Dept. of Civil Engg. , Univ. of Southampton, England.	1979-1983
Research Fellow, Staff Member	Dept. of Civil Engg. , Univ. of Southampton, England.	1983-1985
Lecturer	Military Engg. College, Baghdad , Iraq.	1985-1987

Lecturer	Dept. of Irrigation & Drainage, College of Engg. , Univ. of Mosul.	1987-1990
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Position	Place	Period
Consultant of Hydraulic Structures	Digla Centre of Studies and Design of Irrigation Projects, Mosul, Iraq.	1988-1990
Consultant Engineer	Engineering Consultant Bureau, College of Engineering, university of Mosul, Mosul, Iraq.	1988-1998
Associate Professor	Dept. of Irrigation & Drainage, Univ. of Mosul, Mosul, Iraq.	1990-1998
Associate Professor, Head of Civil Engg. Dept.	Dept. of Civil Engg., Univ. of Duhok, Duhok, Iraq.	1998- 2000
Consultant Engineer	Duhok Dam Centre, Ministry of Irrigation, Kurdistan Regional Government, Iraq.	1999-2000
Associate Professor	Dept. of Civil Engg., Univ. of Derna, Libya.	2000- 2001
Associate Professor	Dept. of Civil Engg., Univ. of Al-Masserah Al- Kubra, Tobroq, Libya.	2001- 2003
Consultant Engineer	Al-Emara Engineering Consultant Bureau, Tobroq, Libya.	2001-2003
Associate Professor	Dept. of Irrigation and Drainage Engg., Univ. of Mosul, Mosul, Iraq.	2003- 2006
Associate Professor, Head of Civil Engg. Dept.	Dept. of Civil Engg., Univ. of Duhok, Duhok, Iraq.	2006- 2013
Consultant Engineer	Engineering Consultant Bureau , Univ. of Duhok, Duhok, Iraq.	2006- Now

12-Implemented Works:

- a- Design and construction of buildings and roads in Duhok and Zakho region.
- b- Checking the design of Aljazeera North Irrigation Project.
- c- Checking the design of Aljazeera East Irrigation Project.
- d- Design of huge channel to convey flood water from Al-Tharthar lack to Digla river downstream Baghdad saving Baghdad city from flood.

- e- Approval of the spillway design of proposed Bekhma Dam.
- f- Design of many box siphons and culverts under highways.
- g- Design of water supply distribution network in Tikrit city.
- h- Design and construction of health centre administration offices in Tobrok city, Libya.
- i- Checking and redesign of the main mosque of Tobrok city ,Libya.
- J- Design of water supply distribution network of Chamchamal city, Iraq.

13-Theses:-

M.Sc. Thesis : “Static and Dynamic Analysis of Clamped Skew Plates”, Univ. of Mosul, Mosul, Iraq, 1978.

Ph.D. Thesis : “Investigation of Stepped Blocks Protecting Weir Slopes”, Univ. of Southampton, Southampton, England, 1985.

14- Supervised Theses:

Student's Name	Type of Thesis	Thesis Title	Academic Year
Nadira A. Mohammed	M.Sc.	Hydraulic Resistance of Rough Steep Open Channels.	1989
Sabah M. Saeed	M.Sc.	Hydraulic Resistance of Prismatic Roughness Elements in Steep Open Channels.	1990
Talal A. Basheer	M.Sc.	Investigation of Rock Protected Weirs.	1992
Saad J. Mohammed	M.Sc.	Effect of Downstream Slope on The Failure of Rock Protected Earth Weirs.	1994
Tahseen A. Hassan	M.Sc.	Characteristics of Flow Over Normal and Oblique Weirs with Semicircular Crests.	1996
Sahad S. Elyas	M.Sc.	Laboratory Study of Scour in Long Contractions.	2004
Ibrahim A. I. AL-hafith	M.Sc.	Laboratory Study of Scour in Stone Beds Downstream Triangular Weirs.	2005
KhaleL S. Ismeel	M.Sc.	Seepage and Stability Evaluation of Duhok Dam.	2006
Ghania A. Hayawi	Ph.D.	Laboratory Study of Protecting Downstream Slope of Rock Fill Weirs Using Gabions.	2006
Khaled Y. Taha	Ph.D	Laboratory Study of Protecting Open Channels Using Gabions.	2006
Ahmad A. Ahmad	M.Sc.	Laboratory Study of Scour Downstream Weirs and Compound Sluice Gates	2007

Jawhar R. Mohammad	Ph.D	Simulation of Hypothetical Duhok Dam Break.	2007
Rondik A. Jaafar	MSc.	Laboratory Study of Lip Shape Effect on the Performance of Side Weirs.	2010
Ameer Abdulqadir	PG Diploma	Contamination of Surface and Ground Water Due to the Absence of Sewage System in Duhok City.	2011
Safa S. Ibrahim	M.Sc.	Bed Stripped Roughness Effect on Flow Measurements in Trapezoidal Channels with Free Overfalls	2012
Ihsan A. Hussein	M.Sc.	Modelling of Ogee Spillway using Computational Fluid Dynamics (CFD)	2013

15- Memberships:

- A. Member of American Society of Civil Engineers.
- B. Consultant Engineer in Iraqi Engineers Union.

16- Publications:

No.	Title	Publisher and Name of Magazine	Year
1	Analytical Determination of Form Friction Factor. Discussion	Journal of Hydraulic Division, Proc. ASCE, Vol. 110, No. HY5, May	1984
2	Form Drag Resistance of Two Dimensional Stepped Steep Open Channels	1st International Conference on Channels and Channel Control Structures, University of Southampton, England, 11-13 April	1984
3	Galerkin` s Variational Method for the Analysis of Clamped Skew Plates	2nd International Conference on Variational Methods in Engineering, University of Southampton, England, July	1985
4	Rainfall Erosivity and Soil Erosion in the Region of Saddam Dam	Confidential	1989
5	Hydraulic Resistance of Strips in Open Channels of 0.2 Slopes	2nd Scientific Conference of Saddam Dam Research Center, Mosul University, Iraq, 18-20 March.	1990
6	Concentration Effect of Triangular Roughness Elements on the Resistance of Steep Open Channels.	Journal of ZANCO, University of Salahaddin, Iraq, Vol. 4, No. 1	1991

7	Uniformly Loaded Clamped Skew Plates	Journal of Military College of Engineering, Baghdad, Iraq, No. 10	1992
8	Artificial Roughness in Steep Open Channels	Journal of the Engineer, Iraqi Society of Engineers, Vol. 109, No. 1	1992
9	Hydraulic Resistance in Rock Protected Steep Open Channels	Journal of Military College of Engineering, Baghdad, Iraq, No. 11	1993
10	Hydraulic Resistance of Cubical Roughness Elements in Steep Open Channels	2nd Engineering Conference, Military College of Engineering, Iraq, 22-24, March	1994
11	Rock Protection of Earth Weirs	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 2, No. 3	1994
12	Hydraulic Characteristics of Flow Over Semicircular Sharp-Crested Weirs	Journal of Dirasat, The University of Jordan, Amman, Jordan, Vol. 23, No. 1	1996
13	Hydraulic Resistance of Prismatic Roughness Element in Steep Open Channels	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol.5, No. 1	1997
14	Factors Affecting Failure of Rock Protected Earth Weirs	Journal of Dirasat, The University of Jordan, Amman, Jordan, Vol.24, No. 3	1997
15	Hydraulic Characteristics of Free Flow Over Sharp-Crested Zigzag Weirs	Journal of Dirasat, The University of Jordan, Amman, Jordan, Vol.26, No. 1	1999
16	Characteristics of Flow Over Normal and Oblique Weirs with Semicircular Crests	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol.13, No. 1	2005
17	Laboratory Study of Scour in Long Contractions	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol.13, No. 4	2005
18	Laboratory Study of Scour in Stone Beds Downstream Triangular Plan Form Weirs	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 15, No. 2	2007
19	Laboratory Study of Scour Downstream Gabions Protecting Rockfill Weirs.	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 15, No. 4	2007
20	Laboratory Study of Protecting Downstream Slope of Rockfill Weirs Using Gabions	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 16, No. 2, June	2008
21	Performance Improvement of Broad Crested Weirs	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 17, No. 2, April.	2009

22	Scour in Stone Beds Downstream Weirs and Compound Gates	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 17, No. 5	2009
23	Open Channel Protection Using Gabions	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 18, No. 2, April	2010
24	Scour in Stone Beds Downstream Sluice Gates	The 2 nd Regional Conference for Engineering Sciences/ Al-Nahrain University, Baghdad, 1-2 Dec.	2010
25	Evaluation of Seepage and Stability of Duhok Dam	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 19, No. 1, February.	2011
26	Crest Shape Effect on the Performance of Rectangular Side Weirs	Journal of Al-Rafidain Engineering, Mosul University, Mosul, Iraq, Vol. 19, No. 5, October.	2011
27	Laboratory Study of Protecting Downstream Slope of Rockfill Weirs Using Stepped Gabions	Journal of Engineering and Technology, University of Technology, Baghdad, Iraq, Vol. 30, No. 20.	2012

17. Additional Information:

1. Member in the Iraqi Engineers Union since 1976.
2. Member of the Engineering Consultant Bureau, University of Duhok since 2009.
3. Member of Book Composition and Translation Committee (2009-2013).
4. Member of the Faculty of Engineering and Applied Science Council (2006-2013).
5. Member of the Scientific Committee of the Faculty of Engineering and Applied Science.
6. Member of the Scientific Title Award Committee.
7. Member of the Faculty Curriculum Development Committee (2006-2013).
8. Member of the Faculty Student Discipline Committee (2006-2013).
9. Member of the Department Council.
10. Member of the Scientific Committee in the Department of Civil Engineering.
11. Member of the Examination Committee in the Department of Civil Engineering (2006-2013).
12. Member of the Curriculum Development Committee in the Department of Civil Engineering (2006-2013).