




Curriculum Vitae (CV)

College of Engineering / University of Mosul

General information

	Name and Surname	Nashwan Kamal Al-Deen Mohammed Alomari
	Date of Birth	1980
	Gender	Male
	Scientific Title	Lecturer
	Appointment year	2004
	Department	Dams and Water Resources Engineering
	General Specialty	Water Resources Engineering
	Delicate Specialisation	Hydraulic
	Official email	nashwan.alomari@uomosul.edu.iq
	Contact Number	

Academic Accounts

Google Scholar	https://scholar.google.com/citations?user=Volp0FkAAAAJ&hl=en
ResearchGate	https://www.researchgate.net/profile/Nashwan_Alomari
Publons	https://www.webofscience.com/wos/author/record/G-6386-2019
ORCID	https://orcid.org/0000-0001-5446-9021
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57201211769

Certificates

Certificate	Year	Specialisation (General / Exact)	Country	University
PhD	2017	Water Resources Engineering / Hydraulic	Malaysia	University Putra Malaysia
M.Sc.	2010	Water Resources Engineering / Hydraulic	Iraq	University of Mosul
BSC	2003	Irrigation and Drainage Engineering	Iraq	University of Mosul

Subjects taught

no.	Subject Name	Time period	Department	Educational level
1	Sediment Transport		Dams and Water Resources Engineering	MSc ▾
2	Advance Hydraulic		Dams and Water Resources Engineering	MSc ▾
3	Design of Hydraulic structures		Dams and Water Resources Engineering	Fourth stage ▾
	Sediment Transport		Computer Engineering	Fourth stage ▾
4	Fluid Mechanics/Experiments		Dams and Water Resources Engineering	Second stage ▾
5	Fluid Mechanics/Experiments		Civil Engineering ▾	Second stage ▾

Publications (Scientific Journals and Conferences)

Published Papers	year
Alomari, N. K., Altalib, A. N., & Al-Janabi, A. M. S. (2023). Discharge estimation using brink depth over a trapezoidal-shaped weir. <i>Flow Measurement and Instrumentation</i> , 94, 102454.	2023
Salih, I. H., & Alomari, N. K. (2023). The Effect of the Piles Cap Elevation on Local Scour around Complex Bridge Piers. <i>Al-Rafidain Engineering Journal (AREJ)</i> , 28(2), 199-208.	2023

Abdulhafedh, A. Y., Alomari, N. K. , & Al-Janabi, A. M. S. (2023). Scour hole reduction at a diversion channel junction using different entrance edge shapes. <i>International Journal of Sediment Research</i> .	2023
Alomari, N. K. , Sihag, P., Sami Al-Janabi, A. M., & Yusuf, B. (2023). Modeling of scour depth and length of a diversion channel flow system with soft computing techniques. <i>Water Supply</i> , 23(3), 1267-1283.	2023
Abdulhafedh, A. Y., & Alomari, N. K. (2021). The Effect of Entrance Edges Shape of the Diversion Channel on the Dividing Streamlines Behavior at the Junction Region. <i>Al-Rafidain Engineering Journal (AREJ)</i> , 26(2), 218-226.	2021
Sihag, P., Al-Janabi, A. M. S., Alomari, N. K. , Ghani, A. A., & Nain, S. S. (2021). Evaluation of tree regression analysis for estimation of river basin discharge. <i>Modeling Earth Systems and Environment</i> , 7(4), 2531-2543. (Scopus and Clarivate)	2021
Alomari, N. K. , Yusuf, B., Mohammad, T. A., & Ghazali, A. H. (2020). Influence of diversion angle on water and sediment flow into diversion channel. <i>International Journal of Sediment Research</i> , 35(6), 600-608. (Scopus and Clarivate)	2020
Alomari, N. K. , Yusuf, B., Mohammad, T. A., & Ghazali, A. H. (2018). Experimental investigation of scour at a channel junctions of different diversion angles and bed width ratios. <i>Catena</i> , 166, 10-20. (Scopus and Clarivate)	2018
Alomari, N. K. , Yusuf, B., Ali, T. A. M., & Ghazali, A. H. (2016). Flow in a branching open channel: a review. <i>Pertanika Journal of Scholarly Research Reviews</i> , 2(2).	2016
A Numerical Model of Flow in a Branching Channel with Different Branching Angles and Bed Slopes	2016
Energy Loss Due To Branching Channel Flow	2016
K Alomari, N. , Y Taha, K., & S Khaleel, M. (2015). Effect of main channel roughness on the branching flow. <i>Al-Rafidain Engineering Journal (AREJ)</i> , 23(1), 51-61.	2015
Al Omari, N. K. , & Khaleel, M. S. (2012). Laboratory Study of the Effect of the Branching Angle and the Branching Channel Slope on Flow. <i>Al-Rafadain Engineering Journal</i> , 20(5).	2012

Effect of Vegetation Cover Percentage on Erosion and Surface Runoff – Laboratory Study	2011
Kamal-aldeen, N., & Hussein Ali, S. (2008). Using of GPS and Leveling Techniques for Determining the Orthometric Heights inside Mosul University. <i>Al-Rafidain Engineering Journal (AREJ)</i> , 16(3), 132-142.	2008

Supervision

Supervising Undergraduate Studies			
No.	Name of The Student	Project Title	Year
1.	Nada Ramathan & Rawaa Nazar	Design of The Main Piping Network to Irrigate an Agricultural Field	2018
2.	Hamza Fawzy, Nabel Khalid, and Ibrahim Khaleel	Evaluation and Re-design of a Box Culvert in The South of Nineveh Governorate	2019
3.	Hassan Adnan Ismail, Sandy Fawzi Askar, and Yaser Hassan Shati	Design of a Sewer Piping Line System in The Yarmouk Region, Opposite The Yarmouk Treatment Plant	2020
Supervising Postgraduate Studies (Diploma)			
No.	Name of The Student	Project Title	Year
1.	Ahmed Abdul Amir	Dividing a Digital Elevation Model for Selecting Sites of Watersheds in Nineveh Governorate Using QGIS	2022
2.			
3.			
Supervision of Postgraduate Studies (M.Sc.)			
No.	Name of The Student	Project Title	Year
1.	Ahmed Yahya Abdulhafedh	The Effect of Entrance Edge Shape of the Diversion Channel on the Bed Morphology at the Junction Region	2021
2.	Esraa Hashim	The effect of the bed sill on local scour at complex bridge piers	Ongoing
3.			
Supervising Postgraduate Studies (PhD)			

No.	Name of The Student	Project Title	Year
1.			
2.			
3.			

Participation in Viva Examination Committees

Postgraduate Students Discussion (Higher Diploma)			
No.	Name of The Student	Project Title	Year
1.	Hasan Jamal Abdullah	Design of deficit irrigation as a means to treat irrigation water scarcity using the Jensen model	2019
2.	Asim Adel	Designing a rainwater drainage network for workers and employees living in the Essaouira district using computer programs	2022
3.			
Postgraduate Students Discussion (Masters)			
No.	Name of The Student	Project Title	Year
1.	Mays Ibraheem	A study of the local scour around a group of cylindrical bridge piers with circular openings	2020
2.	Mohammed Saad	Flow energy dissipation using chute blocks	2021
3.			
Postgraduate Students Discussion (PhD)			
No.	Name of The Student	Project Title	Year
1.			
2.			
3.			

Consulting Services

- 1. Approval of the water hammer system design for the conveyor line project (900 mm) Abu Maria - Tal Afar (2021)**
- 2. Sedimentation study upstream of the northern Aljazeera irrigation project pumping station (2010)**

