



Curriculum Vitae of a faculty member

1. Personal information

Name	Ahmed Younis Mohammed
Academic Degree	M.Sc.
Job Title	Assistant Professor
General Major	Water Resources / Hydraulic
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2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate				
Master	2002	Mosul	Iraq	Water Resources (Hydraulic)
Bachelor	1996	Mosul	Iraq	Irrigation and Drainage

3. Experiences

Employment	Job Title	Period
Faculty Member	Mosul University	From 2002- to now

4. Researches & Scientific activities

- Ahmed Y Mohammed and Anna Golijanek-Jędrzejczyk. 2020: Estimating the uncertainty of discharge coefficient predicted for oblique side weir using Monte Carlo method. Flow Measurement and Instrumentation in press. DOI:10.1016/j.flowmeasinst.2020.101727
- Azza Altalib, Ahmed Y Mohammed and Hana A. Hayawi. 2019: Hydraulic jump and energy dissipation downstream stepped weir. Flow Measurement and Instrumentation 69:101616. DOI: 10.1016/j.flowmeasinst.2019.101616
- Mowafaq Y. Mohammed, Ahmed Y Mohammed, Inaam A. Juma. 2018: Flow measurement in rough free overfall. Turkish journal of hydraulic. 2(1), 1-5.
- Moayed S Khaleel, Ahmed Y Mohammed. 2018: A Simple Technique for Preventing Vortex with Some Aspects of Flow under Inclined Sluice Gates. Turkish journal of hydraulic. 2(1), 1-7.
- Ahmed Y Mohammed: Artificial Neural Network (ANN) Model for End Depth Computations. doi:10. 4172 / 2165 -784X. 1000316. 2018
- Ahmed Y Mohammed, Ahmed A. Aldulaymi: Rhetorical Miracle in Some States of Water Security.
- Ahmed Y mohammed: Numerical analysis of flow over side weir. Journal of King Saud University 2015; 27(1):37- 42. doi:10.1016/j.jksues.2013.03.004
- Ahmed Y Mohammed: EFFECT OF BED ROUGHNESS DISTRIBUTION AND CHANNEL SLOPE ON RECTANGULAR FREE OVERFALL.
- Ahmed Y Mohammed, Azza Altalib, Talal A. Basheer: Simulation of Flow Over a Side Weir Using Simulink. Scientia Iranica 08/2013; 20(4):1094-1100.
- Ahmed Y. Mohammed, Moayed S. Khaleel: Gate Lip Hydraulics Under Sluice gate. Modern Instrumentation 01/2013; 2(1):16-19., DOI:10.4236/mi.2013.21003

- Ahmed Y Mohammed: Theoretical End Depth Ratio and End Depth Discharge Relationship for Free Overfall with Different End Lip Shape. Jordan Journal of Civil Engineering 10/2012; 6(4):410-417.
- Ahmed Y. Mohammed, Moayed S. Khaleel: The Effect of Gate Edge on Water Surface Profile.
- ahmed y altaee: Theoretical Analysis of Flow over the Side Weir Using Runge Kutta Method.
- Mwafaq Y. Mohammad, Ahmed Y. Mohammed: Discharge Coefficient for Inclined Side Weir Crest Using Constant Energy Approach. Flow Measurement and Instrumentation 07/2011;22(6):495-499., DOI:10.1016/j.flowmeasinst. 2011.06 .008
- Mwafaq Y. Mohammad, Ahmed Y. Mohammed, Azza N. Al-Talib: Gravel Roughness and Channel Slope Effects on Rectangular Free Overfall.
- Hana A. Hayawi, Ahmed Y. Mohammed: Properties of Hydraulic Jump Down Stream Sluice Gate.
- Mwafaq Younis, Inam Ali Kasem, Ahmed Y. Mohammed: Effect of Lip Slope for Side Weir on Flow Characteristics.
- Ahmed Y. Mohammed: Effecting of Channel Slope on Flow Characteristics for Straight vertical and Skew Free overfall.
- Ahmed Y. Mohammed, Moayed S. Khaleel, Mwafaq Y. Mohammad: Variation of Water Depth on Normal and Skewed Broad Crested Weirs.
- Moayed S. Khaleel, Ahmed Y. Mohammed, Basil K. Daowd: Free Flow Equation for Vertical and Inclined Sluice Gates.
- Moayed S. Khaleel, Ahmed Y. Mohammed, Basil K. Daowd: Boundary Equations of Flow Cases for Compound Hydraulic Structures

Books

5. Scientific Conferences

	Conference Name	Date
1	33rd IAHR Congress: Water Eng. for a Sust. Env; 01/2009.	2009
2	First International Conference in Water Resources\ Technology University	2012

6. Training courses for faculty members.

	Training program name	Date
1	University Teaching Methods\ Mosul University	2003
2	University Teaching Methods\ Mosul University	2012
3	Computer Programming\ Mosul University	2012
4	Arabic Language\ Mosul University	2018
5	ArcGIS in Water Resources\ Mosul University	2019
6	Introduction to Engineering Simulations\ Cornell University	2020
7	The Challenge of Global Water Security\ Cardiff University	2020

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	Mohammed Yassin	Energy Dissipation of Flow Under Multi Sluice Gate	2019
2			
3			
4			

- Theses which he discussed

	Researcher name	Thesis title	date
1	Auws Younis	Roughness Effected In Compound Channel	2019
2			
3			