


CURRICULUM VITAE

Dr. Tarek Sayed Abu-Zeid Haridy

Assistant Professor, Civil Engineering Department, Faculty of Engineering, Assiut University.

First: Personal Data







Name	Dr. Tarek Sayed Abu-Zeid Haridy	
Date of Birth	10 /6/1986	
Sex	Male	
Marital Status	Married	
Nationality	Egyptian	
Religion	Muslim	
Profession	Assistant Professor, Civil Engineering Department, Faculty of Engineering, Assiut University.	
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Second: Academic Qualifications







1. The First Degree

 Degree	B.Sc. degree of Engineering
 Field of Specialization	Civil Engineering
 Donor	Faculty of Engineering - Assiut University
 Date of awarding the degree	June 2008
 Overall grade	Excellent with honors
 Graduation Project	(Analysis and Design of Concrete Structures): Excellent

2. The Second Degree

 Degree	M.Sc. degree of Engineering
 Field of Specialization	Civil Engineering
 Donor	Faculty of Engineering - Assiut University
 Date of awarding the degree	May 2012
 Overall grade	Excellent with honors
 Title	"The effect of angle of curvature of the curved gates of water structures on the discharge coefficient "

3. The Third Degree

 Degree	Ph.D. degree of Engineering
 Field of Specialization	Civil Engineering
 Donor	Faculty of Engineering - Assiut University
 Date of awarding the degree	January 2016
 Overall grade	Excellent with honors
 Title	" A new water energy dissipater for efficient energy dissipation and enriching the flow with dissolved oxygen content for improving the irrigation water quality "

Third: Academic Experience

- 1) **Demonstrator** in Civil Engineering Department, Faculty of Engineering, Assiut University, during the period from 2009 to 2012. Assistance in the Irrigation and Hydraulic Laboratory and teaching undergraduate courses ("Civil Drawing", "Theory of structures", "Materials", "Building Engineering", "Theory of Structures", "Irrigation and Drainage Engineering", "Hydraulics", "Fluid mechanics", " Design of irrigation structures", "Design of Concrete structures ").
- 2) **Assistant Lecturer** in Civil Engineering Department, Faculty of Engineering, Assiut University, during the period from 2012 to 2015. Assistance in the Irrigation and Hydraulic Laboratory and teaching undergraduate courses ("Civil Drawing", "Irrigation and Drainage Engineering", "Hydraulics", " Design of irrigation structures ").
- 3) **Lecturer** in Civil Engineering Department, Faculty of Engineering, Assiut University, during the period from 2016 to 2018, teaching undergraduate courses ("Civil Drawing", "Hydraulics", "Irrigation and Drainage Engineering", "Design of irrigation structures") and postgraduate courses ("Computer Application in water flow fields ", "Advanced Hydraulics", "Ground Water", "Advanced Hydrology", "Big Water Structures", "Advanced Ports and Internal Navigation Engineering", "Design of advanced irrigation works").
- 4) **Lecturer** in Civil Engineering Department, Higher Institute of Engineering and Technology in Sohag, during the period from 2018 to 2020, teaching undergraduate courses ("Civil Drawing", "Theory of structures", "Materials", "communication skills" "surveying").
- 5) **Lecturer** in Civil Engineering Department, Faculty of Engineering, Assiut University, during the period from 2020 to now, teaching undergraduate courses ("Civil Drawing", "Irrigation and Drainage Engineering", "Design of irrigation

structures") and postgraduate courses ("The economics and management of water resources ", "Ground Water).

- 6) **Lecturer** in Civil Engineering Department, Faculty of Engineering, Al.Azhar university (Qena Branch), for teaching undergraduate courses ("Civil Drawing", "Irrigation and Drainage Engineering", "Design of irrigation structures")
- 7) **Lecturer** in Civil Engineering Department, Faculty of Engineering, South Valley University, for teaching undergraduate courses ("Civil Drawing", "Hydraulics" "Irrigation and Drainage Engineering", "Design of irrigation structures")
- 8) **Lecturer** in Civil Engineering Department, Luxor High Institute of Engineering and Technology, for teaching undergraduate courses (("Computer Application", "Hydraulics" "Irrigation and Drainage Engineering", "Design of irrigation structures")
- 9) **Lecturer** in Civil Engineering Department, Higher Institute of Engineering and Technology in El-minia, for teaching undergraduate courses ("Civil Drawing", "Hydraulics" "Irrigation and Drainage Engineering", "Design of irrigation structures")
- 10) I am making research works in different fields: "Hydraulics", "Groundwater", "Water structures ", "Water Quality", "Improving the quality of irrigation water "

Forth: Practical Experience

- 1) **A structural designer** for a great variety of projects carried out by Conductive bureaus belong to some of my Professors Faculty of Engineering, Assiut University such as bureau of Prof. Dr. Hassan Younes, Prof. Dr. Khalid Prof. Dr. Ali Amin and Prof. Dr. Hosny Mahmoud
- 2) **Member of Engineering Consultant Centre**, Faculty of Engineering, Assiut University; since 1/3/2016.
- 3) **Member of the Committee**, "The financial resources and physical facilities in support of education," Faculty of Engineering - Assiut University.
- 4) **Member of the Committee**, "Crises and disasters," Faculty of Engineering - Assiut University.
- 5) **Member of the Committee**, "Community Service and Environmental Development," Faculty of Engineering - Assiut University.
- 6) **Member of the Committee**, " unit quality assurance and accreditation," Civil Engineering department, Faculty of Engineering - Assiut University.
- 7) **Chairman of the Laboratories Processing Committee** of the Civil Engineering Department - Higher Institute of Engineering and Technology in Sohag

Fifth: Other experiences

- 1) **Member of the Organizing Committee** of the First International Conference on "The Economics and Management of Water in The Arab World and Africa " organized in cooperation between the Moscow State University of Environmental Engineering- Moscow - Russia and the University of Assiut - Assiut - Egypt . Which was held in Assiut University in the period 18 to 19 November 2009.
- 2) **Member Organization Seminar Committee** entitled "High Dam " organized in Assiut University in 2010.
- 3) **Member of the Organizing Committee** of the Conference of **AHELLO** in 2013
- 4) **Member Organization Seminar Committee** entitled "Ethiopian Renaissance Dam ... what is, what it technically, legally, historically and strategically" organized in Assiut University on March 30, 2014.
- 5) **Member of the organizing committee** of the conference scientific students in the December 8, 2014.
- 6) **Member of the Organizing Committee** of the Second International Conference on Civil Engineering " Recent Application and Future Challenges ". Which will hold in Hurghada - Egypt in the period 29 to 31 October 2021.

Sixthly: Publication

List of published research: (from newest to oldest)

- 1) **Tarek Sayed** "*Compatibility between Canals Lining Methods and Sites Conditions, Case Study: Al-Khofoog Canal- El-Minia*", Mansoura engineering journal, (MEJ), vol. 46, issue 3, September 2021.
- 2) **Tarek Sayed** and Mahmoud Sabery "*A New Approach for Water Allocation Scheduling in Irrigation Open Channels Case Study: Almanna Main Canal, And Its Branches* ", JES. Journal of Engineering Sciences, Volume 49, Issue 3, PP: 354-377, 2021.
- 3) **Tarek Sayed** "*Effect of Main Channel Bed Roughness on the Branch Channel Discharge*", Mansoura engineering journal, (MEJ), vol. 46, issue 1, march 2021.
- 4) **Tarek Sayed** "*Conveyance Losses Estimation for Open Channels in Middle Egypt Case Study: Almanna Main Canal, And Its Distributaries*", JES. Journal of Engineering Sciences, Volume 49, Issue 1, PP: 64-84, 2021.
- 5) **Tarek Sayed** "*An experimental study of branching flow in open channels* ", Limnological Review Volume 19, Issue 2, PP: 93-101, 2019.

- 6) M. A. Ashour, **Tarek Sayed**, R. Hassan "*The Rule of the Front and Behind Top Edges of Weirs on Their Hydraulic Performance and Working Efficiency* ", Limnological Review Volume 17, Issue 3, PP 113-122, 2017.
- 7) M. A. Ashour, K. A. Amin, **Tarek Sayed**, R. Hassan "Effect of the Free Over Fall Weirs Top Corners Curvatures on the Discharge Coefficient", International Journal of Constructive Research in Civil Engineering (IJCRCE) Volume 2, Issue 4, PP 1-11, 2016.
- 8) **Tarek Sayed**, M.A Ashour, Tawab E. Aly, "A new efficient water energy dissipator for improving the irrigation water quality" Proceedings of the 19th. International Water Technology Conference, IWTC19, Sharm ElSheikh, 21-23 April 2016, IWTC, 1, 10, <http://iwtc.info>, April, 2016
- 9) **Tarek Sayed**, M.A Ashour, S El-Attar, "*Impact of Curved Shaped Energy Dissipaters Downstream of Head Structures on Both water energy dissipation and Irrigation Water Quality*", Limnological Review, Vol.15, No.1, PP.3-14, 2015.
- 10) **Tarek Sayed**, M.A Ashour, S El-Attar, "*Impact of Curved Shaped Energy Dissipaters Downstream Diversion Head Structures on The Dissolved Oxygen Content in Irrigation Canals & Enhancement of Irrigation Water Quality*", International Journal of Scientific Research and Innovative Technology, 2, 2, 14-26, 2015.
- 11) Mohamed A. Ashour, **Tarek Sayed**, Salah El-Attar, "*A New Water Energy Dissipater for Efficient Energy Dissipation and Enriching The Flow with Dissolved Oxygen Content*", Limnological Review, Vol.14, No.1, PP.3-11, 2014.
- 12) M. A. Ashour , S. T. EL-Attar , K. A. Amen and **Tarek Sayed**, "The Effect of Angle of Curvature of The Curved Gates of Water Structures on The Discharge Coefficient", Al-Azhar Engineering Eleventh International Conference, 2010.