

Mohamed Gamal M. Abd alla

Associate Professor

EDUCATION

Ph.D., Irrigation and Hydraulics Engineering, University of El-Mansoura & the University of Salford - Manchester, England in 1996.

M.Sc., Irrigation and Hydraulics Engineering, University of El-Mansoura, 1990.

B.Sc., Irrigation and Hydraulics Engineering, University of El-Mansoura, 1985.

ACADEMIC EXPERIENCE (FULL-TIME)

Associate Professor)Total assignment(Dept. of Civil engineering, Higher Nile Institute for Engineering and Technology in Mansoura, 2018 – Present

Associate Professor, Department of Irrigation and Hydraulics Engineering - Faculty of Engineering, El-Mansoura University, from June 2011 – 2018.

Assistant Professor, Department of Irrigation and Hydraulics Engineering - Faculty of Engineering, El-Mansoura University, from 1996 – 2011.

Assistant Lecturer, Department of Irrigation and Hydraulics Engineering - Faculty of Engineering, El-Mansoura University, from 1990 – 1996.

Teaching Assistant, Department of Irrigation and Hydraulics Engineering - Faculty of Engineering, El-Mansoura University, from 1985 – 1990.

TEACHING EXPERIENCE

Teaching and participation in teaching of many engineering subjects for students in different grades at the university of el-Mansoura, Egyptian universities and Arab universities and these subjects are: -

- Civil engineering drawing.
- Irrigation and drainage engineering.
- Fluid mechanics i, ii.
- Hydraulics of open channels.
- Design of heading-up structures and dams.
- Design of irrigation works (intersection structures).
- Surface water hydrology.
- Groundwater hydrology.
- Career behavior and communication skills.
- Soil mechanics i, ii.
- Pollution of the environment and methods of protection.
- Engineering geology.
- Graduation projects for students of bachelor.
- Courses qualifying for the diploma and master's degrees.
- Supervise the graduate students (ms'c, diploma and ph degrees).

SERVICE ACTIVITIES (INTERNAL AND EXTERNAL)

- Head of Irrigation Engineering and Hydraulics Department -Faculty of Engineering, El-Mansoura University, 2012.

- Deputy director of the building and construction program (BCE), faculty of engineering, Mansoura University.
- Director of the laboratories at the faculty of engineering - Mansoura University, 2013.
- Associate member status of the studies and research and consulting engineering faculty of engineering, el-mansoura.
- Member of the executive committee of the unity of security and quality.
- Coordinator for the project international ahelo.
- Member of the education and student affairs college in 1997-1998.
- Member of the time table committee for the year 1997 to 2002. And a member of the environment committee for the year 2012-2014
- Member of the libraries in 2000 and 2008, 2009 and 2010, member of the committee for cultural relations in 2013-2014.
- Associate member of control work for the years to various school faculty from 1996 until now.
- Member of the scientific college of engineering – el- Mansoura University.
- Member of syndicate of engineers since 1985.
-
- Having the educational courses for university teacher preparation (1996).
- Participate in the development and implementation of the program to develop technical education industry.
- English language proficiency as well as full use of the computer and many computer programs required in the area.
- Participate in most activities of the program CQAP a special program for the College of Engineering, El-Mansoura University, accreditation and quality of the National Authority for accreditation and quality.
- Presence of 15 special courses for capacity development of members of the Staff according to the standards of quality assurance from El- Mansoura university development center (**UDC**).
- Participate in the committees responsible for the adoption of standards for quality.
- Participate in the committee formed for internal audit, civil engineering and electrical engineering programs.

SELECT PUBLICATIONS/PRESENTATIONS (PAST 5 YEARS)

- Zidan, A. R. ; El-Gamal , M. A.; Abd-Alla , M. G. and Gad, M. H , “Study of Compound Transition in Open Channels. ”, Al-Azhar Engineering , 2014.
- Ahmed O. Ahmed, S. Khalaf, M.G. Abdalla and A.A. Elmasry, "Groundwater Management In Wadi El Natrun Pliocene Aquifer, Egypt", International Journal of Scientific & Engineering Research, ISSN: 2229-5518, Vol. (6), No. (9), pp: 291- 302, 2015.
- Zidan, A.R., Abdalla M.G, Khalf S. and Saqr, A.M., “Kinetic Energy and Momentum Coefficients for Egyptian Irrigation Canals.”, Mansoura Engineering Journal, (MEJ). ISSN: 1110-0141, Vol. 41, No. 1, pp. C1-C16, March 2016.
- Zidan, A.A. , El-Alfy, K.S. , Abdalla, M.G. and El-Gamal, M.I., "Numerical Modeling of Flow Characteristics for A Reach Reach From Damietta Branch Using K-E Turbulence Model", Mansoura Engineering Journal, (MEJ). ISSN: 1110-0141, Vol. 41, No. 1, March 2016.
- M.G. Abdalla , M. Abd Elhady and M. Wahba, “Studying Scour Hole Development Around Rectangular Bridge Piers.”, Mansoura Engineering Journal, (MEJ). ISSN: 1110-0141, Vol. 41, No. 1, March 2016.

- Mohamed Gamal Abdalla, "Vertical Water Velocity Distribution Using Fine Different Sediment Concentrations in Circular Open Channel", *Journal of Water Resources and Ocean Science*, USA, New York, Vol. 5, No (6), pp. 93 – 103, ISSN: 2328-7969 (Print); ISSN: 2328-7993 (Online), 2016.
- Mohamed Gamal Abdalla, "A Study on Scour for Irrigation Canals in Egypt, “Case Study: The First Reach Of El-Ibrahimeya Canal”, *American Journal of Engineering and Technology Management*, doi:10.11648/j.ajetm.20160104.12, Vol. (1), No. (4), 2016..
- Mohamed Gamal Abdalla, "Calculating Drag Coefficient Of Different Submerged Vegetation Densities In Open Channel", *International Journal of Engineering Research and General Science*, ISSN: 2091-2730, Vol. (5), No. (1), 2017.
- Khalaf S*, Ahmed AO, Abdalla MG and El Masry AA, “Identification of Hydraulic Parameters of Wadi El Natrun Pliocene Aquifer Using Artificial Neural Network.”, *Hydrology Current Research*, Volume 8 • Issue 1 • 1000267, ISSN: 2157-7587, doi: 10.4172/2157-7587.1000267, 2017.
- A. R. Zidan, M. G. Abdalla, S. Khalaf, and A. M. Saqr, “Resistance Equations for Egyptian Irrigation Canals”, (Case Study: ‘Dakahliya Governorate’)", *International Water Technology Journal (IWTJ)*, Vol. 7, No. 2, pp. 73-90., June 2017,
- M.M. El-Gamal, K.S. El-Alfy, M.G. Abdalla, F. Abdelhaleem and A.M. Elhamrawy, “Restoring Water and Salt Balance of Qarun Lake, Fayoum, Egypt.”, *Mansoura Engineering Journal, (MEJ)*. ISSN: 1110-0141, Vol. 42, No. 4, Des. 2017.
- Mohammed Gamal Abdalla, “Studying Scour Hole Development Around Tapered Downward Bridge Piers.”, under publication.
- Zidan, A. R. ; El-Gamal , M. A.; Abd-Alla , M. G. and Gad, M. H, “Study Of Energy And Momentum Coefficients for Compound Transitions in an Open Channels.”, under publication.