



Personal Detail

Full Name: Haitham A. Hussein Alshami
Gender: Male
Nationality: Iraqi
Date of Birth: January 1978
Civil status: Married



Contact Details

E-mail addresses haithamalshami@yahoo.com
Mobile Number In Iraq: + (964)-7702662997

Qualification

- **2016 PhD** in Civil Engineering Department / Hydraulics / University Sains Malaysia (USM)
- **2002 M.Sc.** in Water Resource Engineering Department / Hydraulic structures/ University of Baghdad.
- **1999 B.Sc.** Bachelor degree in Water Resource Engineering Department / University of Baghdad

Training courses and certificates

- Obtained certificate of appreciation as a trainer in computational fluid dynamics simulation "Flow 3D" 2015.
- Obtained certificate of appreciation as a trainer in " methodology and research design "
 - ▶ Literature review
 - ▶ Scientific writing
 - ▶ Methodology
 - ▶ Plagiarism
 - ▶ References arrangement (Endnode + mendeley)
 - ▶ Data analysis
 - ▶ Power point
 - ▶ LaTeX
 - ▶ Publication
 - ▶ How to get Phd
- Completed the advanced international training programm in **Transboundary Water Management of the MENA region** by Ramboll and Sida organizations.
- Obtained the certificate of participation course for the Toefl with Test Exam from Center of Development and Continuous Education/Baghdad University.
- Obtained the certificate as participated in a course in **Teaching Methodology** in al-Nahrain University –computer & continuous education department 2006.

- I hold a certificate as participated as instructor in the training program sponsored by **RTI** organization (research triangle institute) about **GIS** technique **ARC VIEW3.3** program in March 2004.
- Obtained the Efficiency Examination Certificate in **English language** that qualified the higher studies. from the University of Baghdad / Collage of Education 2000
- Obtained the Efficiency Certificate in the **computer course** that qualified to apply for the higher. Studies in the computer Center –University of Baghdad in 2000
- Obtained Certificates of participation and Success in the Courses of the Consultancy Bureau for Information and Computer System /Computer Center/University of Baghdad in Courses of (AutoCAD, Windows, and Office) in 1999.

Licenses and Registrations

- *Member of Iraqi Engineers Union*; since 09/9/1999 with registering no. 89622.

Skills

- 1- Teaching experience for Hydraulic structure, Irrigation and drainage, Hydrology, CFD, Numerical methods, Statistics, Fluids, Advance mathematics, Soil mechanics, Water resources, Environmental engineering and many others.
- 2- Working on different software like Flow3D, Microsoft office, SPSS, GIS, Autocade , software of ADV, Microsoft project and many others.
- 3- Supervising students with different specializations like Hydraulics, computation fluid dynamics "CFD", Hydrology, water and structure interaction, environment.
- 4- Projects manager and hydraulics structure designer.

Professional Experience

Feb. 2006 – now worked with Iraqi Government, Ministry of higher Education and Scientific Research/ Alnahrain University, Baghdad, Iraq

- Working in Civil engineering department and lectures Hydrology , hydraulics structures, fluids and Statistics.
- Preparation Hydraulic design for submerged weir in Qara Teppa project.
- Hydraulic and structural design for Nahrawn project (culverts, siphons, and head regulator).
- Hydraulic and structural design for Nahrawn project (the pump stations).
- Hydrological study for Balajo Khanaqin and Qara Tappa Projects.
- Participation for preparation feasibility study for Balajo Khanaqin and Qara Tappa Project.
- Preparation Hydraulic design for submerged weir in Qara Teppa project.
- Participation for preparation hydrological Mathematical model to improving water quality in Hammar, Abuzirig, Hawiza, and Central marshes.

- Preparation Hydraulic and structural design main structures in Hammar marsh(head regulator).

March. 2003 –2006 Worked with Iraqi Government, Ministry of Water Recourses/ Center of studies and engineering design

- Design several Irrigation and Drainage Projects (Shaghatt, Hussainia, Muthana Projects).
- Design hydraulic and structural design for Hawija, Hilla-Diwania, Muthan, Aiser Al-Wadia,Hussainia, Project irrigation (head and cross regulator, culverts, Drops, escapes, Aqueduct, Siphons, etc.).
- Design civil works for secondary electric station in east Tigris Project
- Design rock Riprap for lakes at Al-Zawraa Garden.

Feb. 2002 – 2007 Worked with al Ghadak Company.

- Project manager in rehabilitation of emergency health unit at Al-Kindy General Hospital –Baghdad
- Site Engineer for constructed retaining walls, pile cups in Talbia bridge
- Site engineer for constructed water supply pipelines in Al-Binook city .
- Site engineer for constructed Sewage network in Al-Qahera .

2000-2002 Working with the Consulting Bureau of Iraqi Engineers Union.

- Design water supply network for Diwania and Talafer Project
- Participation for preparation the design of sewage network for Mousl project(right side)
- Preparation bill of quantity for Falluja Sewage Treatment plant

Journal Publications

1. Investigation of stilling basin performance by using physical model and computational fluid dynamics 3rd Electronic and Green Materials International Conference 2017 (EGM 2017)
2. Experimental investigation of swirl angle in Sungai Belibis pump sump 3rd Electronic and Green Materials International Conference 2017 (EGM 2017)
3. Modeling the Storage Capacity of a Reservoir System in Kelantan Catchment Employing Performance Indices/ 4th REGIONAL CONFERENCE ON NATURAL DISASTER 2016
4. Experimental investigation of the effect of inlet baffle position on the flow pattern, oil concentration, and efficiency of rectangular separator tank. Desalination and Water Treatment journal / Taylor and Francis 2016.

5. Hydraulic Modelling of Baffle Configuration on The Removal Efficiency of A Rectangular Oil/Water Separation Tank, University Sains Malaysia 2016
6. Application of Cluster Analysis and Multivariate Statistical Techniques Associated with Water Quality Index to Evaluate Water Quality of Tigris River in Iraq. Journal of Arab Universities Union 2016
7. Experimental and Computational Investigations of Baffle Location Effect on the Performance of Oil and Water Separator Tanks. MATEC Web of Conferences 05002 (2016)
8. Computational Investigation of Inlet Baffle Height on The Flow in A Rectangular Oil / Water Separator Tanks. Applied Mechanics and Materials journal Vol. 802 (2015) pp 587-592.
9. Numerical Model of Baffle Location Effect on Flow Pattern in Oil and Water Gravity Separator Tanks. World Applied Sciences Journal 26 (10): 1351-1356, 2013.
10. Dependable Discharges of The Upper and Middle Diyala Basins. Journal of Engineering / Baghdad University No.2 Vol.16 June 2010.
11. Hydrological Operation Requirements for Restoration and Improving Water Quality of Abu Zirig Marsh . Eng. and Technology Journal /University of Technology, Baghdad–Iraq 2010.
12. Economical design of water conveyance system. Third conference of the Iraqi scientific society of water resources 2002.