

CURRICULUM VITAE



Personal & Contact Information:

Dr: Maha R. Abdul-Hammed Alzaidi

- Expert - Water Resources Engineer- Dam Designer
- *Lecturer – building and construction Dept./Djila University Collage*
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Education:

Ph.D. / Building & construction Engineering \ Water Resources- Dams Engineering.

Association and Organization:

- Engineers Association of Iraq / Baghdad
- Association of Iraqi engineers / Baghdad
- Association of Water Resources in Iraq / Baghdad
- International Association for the basins of the Tigris and Euphrates - Iraq
- Initiative of the Tigris and Euphrates International - American University of Kent - a partnership with the University of Ankara and Aleppo.
- Organization of Peace Blue - under the supervision of the Swiss government - initiative on water and in cooperation with Turkey, Jordan, Syria and Lebanon
- Iraqi Institute for Economic Reform - Executive Director- Iraq – Baghdad
- Organization of Iraqi Marshlands - Iraq – Amara

List a significant publishing (papers) that I have written:

- Sprinkler irrigation designs 1985.
- Land leveling works for reclamation projects 1986.
- Hydraulics performance of stilling basin with curved appurtenance 1990.
- General drainage and its environmental effect 1993.
- Transient simulation and hypothetical model AL- ADHAIM dam break 1999
- Quantity Survey for civil building 2003 / Libya.
- Water Resources in Iraq. \ 2010
- Agreements and Bilateral protocols between Iraq and ((neighboring)) Riparian countries \ published 2010
- Lecturer at the training center - Ministry of Water Resources.

- Participate with technical delegations in discussions with the consultants on the studies of Dams
- Participation the workshops and international conferences which discusses the problems of the Tigris and Euphrates basins inside and outside Iraq.
- Discuss the studies of Ph.D & MSc Degree..
- Supervise Research studies
- Participation in conferences and workshops, which share between the Iraqi ministries and the Iraqi Institute for economic reform, such as - Ministry of Higher Education, Ministry of Agriculture and Ministry of Technology Transfer and the Ministry of Environment and Ministry of Health and Ministry of Water Resources

Activity:

- *Course of - sprinkler & spirit irrigation - in 1981 (Amman – Jordan) supervised by (FAO).*
- *Course about - uses of ground water - ministry of irrigation 1991.*
- *Course about - economical structure - ministry of planning 1991.*
- *Course of – HEC Programs (Hydrologic Engineering Center) / US Army Corps -2006*
- *Enrolled in number of computer courses in the field of designing, and in number of assemblies held at Iraq*
- *Training course of sprinkler designs and modern mechanization in 1981 (Amman - Jordan), - by (FAO).*
- *Training Course - - use groundwater - Ministry of Irrigation in 1991.*
- *Training Course - - feasibility studies - Ministry of Planning in 1992.*
- *Training course for a variety of software designs and special acts of water resources and dams (Hydrological Engineering Centre) / United States of America -2006*
- *Training course on how to prepare designs and supervise the implementation of dam projects in Serbia / 2011 of October...*
- *Number of computer courses in the field of design, and participate in a number of workshops held in inside and outside Iraq.*

Experience:

- *Iraqi Institute for Economic Reform / IIER : From (2010)*
 - Executive Director - (2015 - till now)
 - Expert (2010 – 2105)
- *Collage of Dijla University – Baghdad (2015 – till now):*
 - *Type of business: Lecturer – building and construction Dept.*
 - *Teaching the following subjects: Management And Economic Engineering , Fluid mechanics , Concrete Technology.... etc*
 - *Supervising of B.Sc, MSc & PhD in civil department*

○ *Center of Studies and Engineering Designs((General Directorate for Engineering Design)): 2007 – 2015*

- *Type of business: supervisor Chief Engineer—Head of dams dept.*
 - *Dam designer*
 - *Follow up Operation, under Construction and Under studies, dams Projects*
 - *supervision of consultants Dams study*
 - *Checked Pre-Feasibility studies.and technical Studies dams of consultants*
 - *The preparation of studies and design of:*
 - *hydrological study*
 - *hydrological study for the harvesting dams*
 - *feasibility study.*

○ *Some Special Activities such as :*

- *Dam design of (Kaarh 2)-2008 - Western Desert / Iraq*
- *Dam design of (Kaarh 4)-2008 - Western Desert / Iraq*
- *Designer of water harvesting dams in the provinces of Kut and Amara*
- *Redesign of kaskan dams in Dohak and its appurtenance*
- *Hydrological study of kala - Badra in Kut - 2009 \ November and 2012*
- *Hydrological study of Al-Shihabi and Dwiridj in 2009 November*
- *Prepare feasibility study for, Al Massad dam and others dams.*
- *Design for Kala – Badra, shihabi and Dwirigi Dams – 2011& 2012*
- *Design for Kala – Badra, shihabi and Dwirigi Dams – 2011& 2012*

○ *General Directorate of Dams & Receivers:*

- *Type of business: supervisor Chief Engineer 2004 - 2007:*
 - *Follow up Operation, under Construction and Under studies, dams Projects - head of implementation Dept.*
 - *Project Manager For construction of Drip Irrigation in all dams projects in Iraq such Derbandekan and dukan dams.*
 - *Checking studies and design of Dams : Checking of feasibility studies. Such as the Study Bekhme Dam.:*

○ *Libya –Al beada (1999- 2004):*

- *Type of business : Lecturer*
 - *Teaching the following subjects: Design of hydraulic structures; Water resources engineering, mathematics, fluid machines; Quantity Survey for civil building, Roads.*
 - *Supervising of B.Sc, MSc & PhD in civil department.*

- Al - Furat center for Design & Researches of irrigation projects:
 - *Type of business: Supervisor engineer (1986-1988)- (1990 – 1996):*
 - *Design of irrigation & drainage projects.*
 - *Design of land reclamation and general supervisor.*
 - *Teaching in the vocational guidance for new engineer center - Ministry of Water Resource.*
 - *Checked studies and designs of irrigation and reclamation projects.*

- General establishment for irrigation and drainage projects (1981 – 1986):
 - *Type of business: Irrigation Engineer.*
 - *Supervise the reclamation project and hydraulic structure that executed by Foreign Companies,|- Sweria reclamation project contract No. 25*
 - *Supervise the pre-cast concrete factories - Saqlawiya reclamation project*

- General establishment for irrigation and drainage projects:
 - *Type of business: Irrigation Engineer (1986 - 1976):*
 - *Design of irrigation & drainage projects.*
 - *Conducting implement of reclamation projects and hydraulic structures,*