

C.V

Name : **Maher Abd UL- Ameer Khadum.**



Sex : Male

Birth : 1963

Education :M.SC, Water Resource Engineering.

Scientific stages : Lecturer

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Stages of Education :

- B.Sc., in irrigation engineering , University of Baghdad , Collage of engineering , irrigation Dep . (1984 – 1985) .
- M.Sc. , in hydraulics , and Catchments model from University of Baghdad , Engineering Collage , Irrigation Dep . (1989 – 1990) .

Practical Experience :

- working in general company for mechanical industries, to improving the moving and stationary sprinkler irrigation systems.
- Preventing axial thrust in centrifugal pumps manufacturing in general company of mechanical industries.
- Manipulated the spilling in the surge tank of Al-Razaza pumping station by preparing a new hydraulic design.
- Preparing preliminary reported design to submerged weir to Galal Bedre valley to the center of studies and design for the ministry of water resource.
- Preparing preliminary reported design to the suggested dams on Al-Shehabi, Teeb, and Dwairij vallise to the center of studies and design for the Ministry of Water Resources.
- Study the effects of the sink hole in Al-Auge valley on the construction of storage earthen dam in the Al-Auge valley to the center of studies and design for the Ministry of Water Resources.
- Study the effects of construction Shedele dam on the inflow of the dams down stream it, to the center of studies and design for the ministry of water resource.

Published researches :

- Evaluation of ground water to the areas in the middle and south of Iraq, (Al-techany magazine, Issue 21).

- Stress distribution on the impeller of the screw pump using ANSYS program, (5th conference of the foundation of technical education in Baghdad, 2005).
- Numerical study of transient flow in pipeline systems using (MOC) approach,(Al-Nejef international conference,12-14 May , 2010).
- Sediment transport in closed conduit with deferent materials. (Al-techany magazine, Issue 17).
- Theoretical analysis of transient flow in pumping stations. (Al-techany magazine, Issue 19).
- Experimental analysis of vibrations in centrifugal pumps. (Al-techany magazine, Issue 20).
- Experimental and Numerical Investigations of the Effect of Net Positive Suction Head on Water Hammer In Pipeline Systems
(International Journal of Engineering and Advanced Technology (IJEAT)
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Related Experience :

- Lecturer in Babylon University , Collage of engineering (1992 – 1997).
- Working in Foundation of Dams and Reservoirs , as a Consultant from the period (1993 – 1999).
- Working in Mosul Dam , as a Consultant from the period(1997 – 1999).
- Working in several training programs in USAID in the field of Water resources engineering from (2006 – 2008).
- Working in program of improvement the syllabus of engineering college of Al-Anbar University with the project by US Army corps of Engineers (USACE)/ GRD contract W917BG-10-P-007.
- Lecturer in AL-Farabi Institutes in a field of statistical Analysis and managements (2013-2014).

Scientific researches :

Prepared several reserches in the field of water resource engineering such as :

- Optimized operation rule to the Hadithe dam .
- Study the effect of the release of dam on the other dam connect a in series Using fuzzy system .
- Develop the operation rule of single multi – purpose dam when the climatic conditions changes .
- Optimized operation for several wells , at constant rate . Using Dynamic programming .

