

# *Curriculum Vitae*

1. Name: Dr. Khalid Mahmoud Khidir

2. **Current Address:** Water Resources Engineering Dept./Engineering  
College / University of Duhok / Kurdistan region / Iraq.

3. **Place and date of birth:** Iraq, Nenava Governorate  
,Basheeqa,Bahzani,1956

4. **Marrital status:** Married

5. **Citizenship:** Iraqi.

6. **Language known:** Arabic and English.

7. **Qualification:**

<b>University and Country</b>	<b>Date</b>	<b>Degree</b>	<b>Field study</b>
Engineering college ,Mosul University/ Iraq	<b>1977</b>	B. Sc.	Irrigation and Drainage Engineering
Engineering college ,Mosul University/ Iraq	<b>1978</b>	P G Diploma	Irrigation and Drainage Engineering
Engineering college ,Mosul University/ Iraq	<b>1980</b>	M Sc	Engineering Hydrology
Engineering college ,Mosul University/ Iraq	1999	Ph. D.	Engineering Hydrology

## **8. Teaching Experiences:**

I joined as an Assistant lecturer in the Department of Civil Engineering / College of Engineering / University of Salahaddin / Erbil / Iraq in 1983-1988.

I became lecturer in the same department in 1988.

I joined as a Lecturer in the water resources Engineering department, college of Engineering / University of Mosul/Mosul/Iraq in 1992 till 2000.

I became Assist. Professor in the same department in 2000

I joined as Assist. Professor in the water resources Engineering department, Engineering college, Duhok University since 21/11/2007 and I am continuing in the teaching post till now.

### **I have been teaching the following courses:**

(I) Undergraduate courses:

Fluid Mechanics, Engineering Hydrology, Statistic, water resources Engineering.

(II) Postgraduate courses:

Surface Hydrology, Ground water Hydrology , Water resources management, Similitude and Dimensional Analysis , Advance Statistics and Advance Optimization .

Also I am concerned with supervision Ph. D. students in Engineering College / Salhaddeen University in Erbil besides M. Sc. Students in Duhok

and Mosul Universities.

## **9 –Part of my researches:**

1. Kandula V. Sarma , Khalid Mahmoud Khidir, “ Scour of sand mixture by vertical Circular jets,” J. of ZANCO, The Scientific Journal of the University of Salahaddin , Erbil, Iraq , Vol.2, No.2 , 29-30 Nov., 1988, special Issue Proceeding of first scientific conference of University of Salahaddin .
2. Khalid Mahmoud Khidir “Ground Water Evaluation for Greater Zab river basin and its Tributaries”, J. of Engineering and Technology , Scientific Journal Published by University of Technology , Baghdad , Special issue Proceedings of the Second Iraqi Conference of Engineering for the Ministry of Higher Education & Scientific affair , Oct.1988, P.7 .
3. Sabah T. Jabouri, Khalid Mahmoud Khidir, Faisal A. Daham, “Drought Charateristics of Greater Zab river” Journal of Water Resources , Vol.8, No.1, pp.18, Baghdad, 1989.
4. Khalid Mahmoud Khidir , “Generation of monthly hydrological Series ( Rainfall and Discharges ) for the stations lie in a catchment area having dry period for some months” , The Second Scientific conference of Water Resources Center in Mosul University , 18 – 20 March , 1990.
5. Khalid Mahmoud Khidir, “The Ideal use of the mathematical features in Lag-1 Markov Model” J. of Engineering and Technology , University of Technology , Baghdad , Vol.12, No.2 , 1993 .
6. Khalid Mahmoud Khidir “Peak discharge frequency as a function of the characteristics catchment area” J. of Engineering and Technology, University of Technology, Baghdad, Vol. 12, No.5, 1993.

7. Khalid Mahmoud Khidir, “ The best probability distribution for peak flow data specialized for flood study”. J.of Engineering and Technology, Baghdad, Vol.13, No.6,1994 .
8. Khalid Mohmoud Khidir , “Generation of annual flow for non gauged rivers and Tributaries” J.of Engineering and Technology , Baghdad , Vol.14, No.6,1995.
9. Khalid Mahmoud Khidir, Basil Khidhir Dawaud , Intensity – Duration – Frequency Relations for small rainfall durations for tow sites north of Iraq. “J.of Tikreet , Scientific Journal of Tikreet University , Vol.5,No.3 , 1998 .
10. Khalid Mahmoud Khidir,” Peak Discharges Probability for Different sites on Tigris River and its Tributaries” J. of Tikreet , Vol. 5 No. 3 , 1998 .
11. Khalid Mahmoud Khidir, “Comprehensive analysis of rainfall data for Khaniqueen area“ J. of Tikreet , Vol. 7 , No. 1 , 2000 .
12. Khalid Mahmoud Khidir, “ Determination of a Mathematical Model for estimating discharges for non gauged Catchment area”. Journal of Water resource, Published by Iraqi scientific society for water Resources Vol.18 , No.4, 1999 .
13. Khalid Mahmoud Khidir ,Abdul wahab Mohammad, “Utilization Power of the rivers and small valleys for Electric Generation “ J. of Al- Rafidain Engineering , Mosul University , Vol. 12 , No.1 , 2004 .
- 14- Abdulwahd A. Kassem, Adil M. Raheemb, Khalid M. Khidir, Predicting of daily Khazir basin flow using SWAT and hybrid SWAT-ANN models , <https://www.sciencedirect.com/science/article/pii/S2090447919301492>
- 15- KHALID M. KHIDIR and MOHANAD T. AL-SHA'AR , Estimating storm direct runoff using synthetic unit Hydrograph methods by (WMS)

model , Journal of University of Duhok, Vol. 20, No.1 (Pure and Eng. Sciences), Pp 727-735, <https://doi.org/10.26682/sjuod.2017.20.1.63>

I contributed in different hydrological studies (two study in sulaimania governorate in Kurdistan region), the remain for other parts of iraq

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