



## **Haider Majid Tuma**

University City, Al-Kut city, Wasit Province, IRAQ

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### **Academic Qualifications:-**

**09/2022-05/2025:- Dr. (Remote Sensing) wasit university /science college /physics department.**  
**Ph.D. Thesis: (Assessment of Water Quality Parameters in Tigris River, Wasit Governorate, Iraq Utilizing Satellite Imagery).**

**10/2014 – 9/2016:- M. Sc. ( general physics ) wasit university /science college /physics department**  
**Master Thesis: (Morphometric Analysis of AL-Chabab River Basin East of Iraq Using Remote Sensing and GIS Techniques).**

**09/2005- 7/2009 ( general physics) wasit university /science college /physics department.**

### **Professional Profile:-**

#### **•General**

- Highly developed research qualitative and analytical skills with a strong capacity to conduct independent research in **Remote Sensing, GIS and Water Resources, and Pollution.**
- Working knowledge of Word, Excel and PowerPoint.
- Proficient in Arabic and English.

#### **• Committees**

- Participant as a membership of various administrative committees
- Participating as a membership of exam committees ( 2017 -2018-2019-2020).
- Associate member of the Graduation Research Discussion Committees.
- Participation in many seminars and conferences inside and outside the university.

## **Academic Employment – Teaching and Research**

**09/2016– Date**

### **Assistant lecturer**

Department of Physics, College of Science, Wasit University

#### **Responsibilities**

- theoretical subjects: - general physics chemistry / general physics earth sciences.
- Practical Materials: - Thermal Lab / Modeling Lab / Numerical Analysis Lab / Solid Lab / Materials Lab / Analogue Lab / Electrical Lab

**12/2011-9/2014**

### **Physical assistant**

Department of Physics, College of Science, Wasit University

#### **Responsibilities**

Taught practical Thermal Lab / Modeling Lab / Numerical Analysis Lab / Solid Lab / Materials Lab / Analogue Lab / Electrical Lab (physics ).

### **Administrative Positions:-**

- Maintenance department official at College of Science.
- Responsible for the Research and Development Division at College of Science.
- Decision of the Department of Geosciences at College of Science.

## **Employment History – General**

Year		No. of years	Position and Employer
From	To		
<b>2011</b>	2014	4	Physical assistant / Department of Physics, College of Science, Wasit University
<b>2014</b>	2016	3	Post-graduate Student (M Sc) / Department of Physics, College of Science/ Wasit University
<b>2016</b>	2022	5	Assist. Lecturer / Department of Physics, College of Science, Wasit University
<b>2022</b>	2025	3	Part-time (PhD student)
<b>2025</b>	-		<b>Doctor / Department of Physics, College of Science, Wasit University</b>

## **Publications**

- Mutasim I. Malik, Sarteel Hamid AL-Shammary, Haider Majid Tuma " Morphometric Analysis of Al-Chabab River Basin East of Iraq Using Remote Sensing and GIS Technique" Volume 4 Issue 3, March 2016.
- Mohammed J.R. AL-Dhuhaibat , Maitham Salman, Haider Majid Tuma "Study of the Irradiation Effect by  $\alpha$ -Particles on Optical Properties of ZnO:6%In Thin Films Study of the Irradiation Effect by  $\alpha$ -Particles on Optical Properties of ZnO:6%In Thin Films" January 2020.
- Mohammed J. R. Aldhuhaibat · H. Saba Farhan · Ruwa. H. Hassani · Haider Majid Tuma1 · H. Bakhtiar · A. A. Salim "Gamma photons attenuation features of PbO-doped borosilicate glasses: a comparative evaluation"DOI: 10.1007/s00339-022-06216-2.