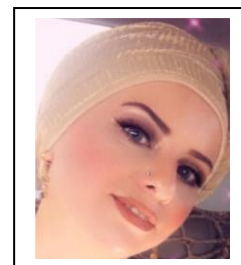


# Curriculum Vita

**Munya Fadhil Al-Zuhairi, P.hD.**  
**Assistant Professor**



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## PERSONAL DATA

**Date of Birth:** December 3, 1983  
**Place of Birth:** Baghdad, IRAQ  
**Nationality:** Iraqi  
**Languages:** Arabic (Mother), English

## EDUCATION

<b>B.Sc. in Atmospheric Sc. (2005)</b>	Dept. of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ
<b>M.Sc. in Atmospheric Sc. (2010)</b>	Dept. of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ Thesis: <i>Study Analysis of the Synoptic Patterns for Rainfall in Iraq using Satellites Data</i>
<b>P.hD. in Atmospheric Sc. (2017)</b>	Dept. of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ Thesis: <i>Characteristics of Rainfall over Iraq using TRMM Satellite-Borne Radar</i>

## EMPLOYMENT

<b>2024 – Date</b>	Assistant Professor, Department of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ
<b>2017 – 2024</b>	Lecturer, Department of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ
<b>2010 – 2017</b>	Assistant Lecturer, Department of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ
<b>2006 - 2010:</b>	Lab Assistant, Department of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ

## TEACHING EXPERIENCE

More than 18 years' experience in teaching undergraduate courses in atmospheric sciences.

## **COURSES TAUGHT**

Undergraduate
Remote Sensing of the Atmosphere
Atmospheric Dynamics
Introduction to Atmospheric Sciences
Cloud Physics

## **COMPUTER EXPERIENCE**

Computer Languages (FORTRAN, MATLAB).  
Microsoft Office  
Many Scientific Packages.  
Internet

## **CURRENT RESEARCH INTEREST**

Cloud Physics, Aerosols and Dust Storms, Radar and Remote Sensing.

## **PARTICIPATION IN SCIENTIFIC CONFERENCES AND WORKSHOPS**

- The Sixth Scientific Conference of the College of Science, Mustansiriyah University, Baghdad, Iraq, May 5-6, 2010.
- Azarquiel School of Astronomy - A bridge between East and West, Universidad de Granada, Granada, Spain, July 4-11, 2010.
- The Seventh Scientific Conference of the College of Science, Mustansiriyah University, Baghdad, Iraq, May 4-5, 2011.
- The First Scientific Conference of the Department of Atmospheric Sciences, College of Science, Mustansiriyah University, Baghdad, Iraq, Sep 28-29, 2020.
- The 8th International Scientific College of Science in Atmospheric Sciences, Mustansiriyah University, Baghdad, Iraq, May 3-4, 2023.

## **ACADEMIC HONORS AND AWARDS**

- Many Letters of Acknowledgement and Appreciation for research and teaching from the President of Mustansiriyah University and the Dean of the College of Science

## **PUBLICATIONS**

- Abdul Wahab, S. A., M. F. Al-Zuhairi 2011: Synoptic Study of Rainfall in Iraq using Satellites Data. *Journal of college of Education*, Vol. **6**, 273-288.
- Al-Jumaily, K.J., M. F. Al-Zuhairi, Z.S. Mahdi 2012: Estimation of clear sky hourly global solar radiation in Iraq. *International Journal of Energy and Environment*, Vol. **3**, 659-666.
- Al-Zuhairi, M.F., J. H. Kadhum, A. J. M. Farhan, 2013. Time Series Analysis of Southern Oscillation Index and Temperature over Iraq. *Diyala Journal for Pure Sciences*, Vol. **9**, No.3, 57-68.

- Al-Zuhairi, M.F., K.J. Al-Jumaily, A.M. Al-Salihi 2016: Characteristics of Precipitation Systems over Iraq Observed by TRMM Radar. *American Journal of Engineering Research*, Vol. **5**, 76-81.
- Al-Zuhairi, M.F., K.J. Al-Jumaily, A.M. Al-Salihi 2016: Analysis of TRMM Precipitation Radar Measurements over Iraq. *International Journal of Scientific and Research Publications*, Vol. **6**, 1-9.
- Majeed, H.T., M. F. Al-Zuhairi, D.A. Mahmood 2020: Decadal Surface Temperature Trends in Iraq using NOAA/ESRL Gridded High Resolution Data. *Journal of Physics: Conference Series*, Vol. **1660**(2020), 012078.
- Al-Zuhairi, M. F., J. H. Kadhum 2021: Spatiotemporal distribution of the Aura-OMI aerosol index and dust storm case studies over Iraq. *Arabian Journal of Geosciences*, Vol. **14**, 1-22.
- Kadhum, J. H., M. F. Al-Zuhairi, A. A. Hashim 2022: Synoptic and dynamic analysis of few extreme rainfall events in Iraq. *Modeling Earth Systems and Environment*, Vol. **8**, 4939-4952.
- Al-Zuhairi, M. F., H. A. Nemah, Z. N. Al-Montaser and H. T. Majeed 2023: Study the Spatiotemporal Variations of some Cloud Properties Over Iraq. *IOP Conf. Series: Earth and Environmental Science* **1223** (2023) 012002. <https://doi.org/10.1088/1755-1315/1223/1/012002>.