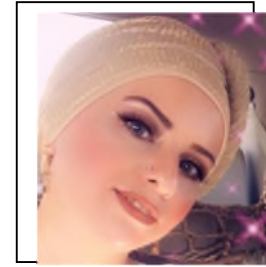


Curriculum Vita

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.Sc. in Atmospheric Sc. (2005)	Dept. of Atmospheric Sciences, College of Science, Mustansiriyah Univ., Baghdad, IRAQ
M.Sc. in Atmospheric Sc. (2010)	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>
P.hD. in Atmospheric Sc. (2017)	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

2024 – Date Assistant Professor, Department of Atmospheric Sciences, College of Science,
Mustansiriyah Univ., Baghdad, IRAQ
2017 – 2024 Lecturer, Department of Atmospheric Sciences, College of Science,
Mustansiriyah Univ., Baghdad, IRAQ
2010 – 2017 Assistant Lecturer, Department of Atmospheric Sciences, College of Science,
Mustansiriyah Univ., Baghdad, IRAQ
2006 - 2010: 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 Conference for College of Science in Atmospheric Sciences, Mustansiriyah University, Baghdad, Iraq, May 3-4, 2023.
- The 11th International Scientific Conference for College of Science and 3rd in Atmospheric Sciences and Climate Changes, Mustansiriyah University, Baghdad, Iraq, May 26-27, 2025.

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:10.1088/1755-1315/1223/1/012002>.
- Ibraheem, N. T. M. F. Al-Zuhairi, Z. N. Al-Montaser and M. H. Al-Jiboori 2025: Investigating the Spatial Variations of Cloud Cover Properties Over Iraq. *International Journal of Environmental Sciences*, Vol. **11(6)**, 1742-1751. <https://theaspd.com/index.php/ijes/article/view/6864>