

Curriculum Vitae

Baidaa Jaafar Hassan

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PERSONAL SUMMARY:

- Assistant lecturer of the Atmospheric Sciences department, College of Sciences, Mustansiriyah University, from 2003 to 2013. Currently, I am a lecturer Doctor in the same department. Specialized in atmospheric physics, interested in Climate change.

EDUCATION:

Ph.D. #1: (2012) in Atmospheric Science from Mustansiriyah University, College of Science, Atmospheric Sciences department. Study field” **Solar Activity and its Effects on Climate Variability**”.

- M.Sc. #2: (1998) in Atmospheric Science from Mustansiriyah University, college of Science, Atmospheric Sciences department. Study field: “**A study of Ultraviolet radiation and its effect on the Ozone layer in Iraq**”.
- B.Sc. #3: (1994) in Physics from Mustansiriyah University, College of Science, Physics Department.

ACADEMIC /TEACHING EXPERIENCE:

- #1: Worked in the Laser and Plasma Research Center, Al-Jaderiyah.Baghdad in 1995.
- #2: More than 23 years’ experience in teaching undergraduate courses in Meteorology and Atmospheric Sciences.
- #5: Supervised more than 13 B.Sc. students (graduation project).

COURSES TAUGHT:

Numerical Analysis (2012-2014), Remote Sensing (2014-2015), Weather Instruments (2015-2016), Synoptic Meteorology (2015-2016), Atmospheric Chemistry (2016-2017), upper atmospheric layers (2017-2019), General Physics, and Physics of Ionosphere till now.

PUBLICATIONS:

- Baidaa J.Hassan**, Awni A. Abulahad,1998” A Study of Ultraviolet Radiation Reaching on the Earth Surface Horizontally in Baghdad and the Effect of Ozone Layer on its quantities” Al-Mustansiriyah Journal of Science.
- Baidaa J. Hassan**, Awni A. Abulahad, Bidoor Y. Humood, 2016 “The Effect of Sunspot Numbers on the Precipitation over Iraq” Al-Mustansiriyah Journal of Science.
- Muthanna A. Al-Tameemi*, Baidaa J. Hassan, Aqeel G. Mutar, 2022.”The Effect of Solar Activity on Stratospheric Temperature Over Iraq For the Period 1948-2014’
- Iqbal K. Al-Ataby¹, Baidaa J. Hassan^{1,*} and Yaseen K. Al-Timimi¹ , 2025, Time Series Decomposition and Prediction of the Monthly Temperature Some Stations in Iraq. Iraqi Geological Journal, Iraq

PROFESSIONAL DEVELOPMENT

- **Certifications**

- Certification of Efficiency in the English language, 1995.
- Training course in development of teaching methods from 13 – 29 July 2002.
- Internet and Computing Core Certification (IC3), 2011.
- Certification of LAB Accreditation 18-20/10/2015.

- **Workshops:**

- Reanalysis and Processing International data for weather and climate 6 -10 \3\2016 held in the Department of Atmospheric Sciences /College of Science, Mustansiriyah University.

- **Conference**

- Worked as the chairman of the Seminar (symposium) entitled “The First National Announcement to Iraq”, held in the College of Science, Mustansiriyah University, 2016.

- Languages: Arabic, English, and French.

