***Curriculum Vitae***

**Baidaa Jaafar Hassan**

***Mustansiriyah University – College of science – Atmospheric Sciences Department***

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**Personal Summary:**

* Assistant lecturer of Atmospheric Sciences department, collage of sciences, AL-Mustansiriyah University since 2003 till 2012. Currently I am a lecturer of the same department. Specialized in atmospheric upper layers, and I am interested in solar radiation and remote sensing.

**Education:**

* Ph.D. #1: (2012) in Atmospheric Science from Al-Mustansiriyah University, Collage of Science, Atmospheric Sciences department. Study field” **Solar Activity and its Effects on Climate Variability**”.
* M.Sc. #2: (1998) in Atmospheric Science from Al-Mustansiriyah University, Collage of Science, Atmospheric Sciences department. Study field “**A study of Ultraviolet radiation and its effect on Ozone layer in Iraq**”.
* B.Sc. #3: (1994) in Physics from Al-Mustansiriyah University, Collage of Science, Physics department.

**ACADEMIC HONORS AND AWARDS:**

* #1: I got a letter of acknowledgment awarded by the chairman of Al-Mustansiriyah University in 2016.
* #2: I got a letter of acknowledgment awarded by the Dean of collage of Science in 2015.
* #3: I got a letter of acknowledgment awarded by the chairman of Al-Mustansiriyah University in 2014.
* #4: I got a letter of acknowledgment awarded by the minster of higher education and scientific research of Iraq in 2011.
* #5: I got a letter of acknowledgment awarded by the chairman of Al-Mustansiriyah University in 2006.

**ACADEMIC /TEACHING EXPERIENCE:**

* #1: Worked in Laser and Plasma Researches Center, Al-Jaderiyah .Baghdad in 1995.
* #2: More than 13 years’ experience in teaching undergraduate courses in Meteorology and Atmospheric Sciences.
* #3: Supervised of the laboratory of Synoptic Meteorology (2003-2004), laboratory of Operating System (MS-DOS & WINDOWS).
* #4: Supervisor of Numerical analysis, Remote Sensing, Weather Instruments and Synoptic meteorology laboratories.
* #5: Supervised more than 6 B.Sc. students (graduation project).

**COURSES TAUGHT:**

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| **Undergraduate** | **Graduate** |
| Numerical Analysis (2012-2014)  Remote Sensing (2014-2015)  Weather Instruments (2015-2016)  Synoptic Meteorology (2015-2016)  Atmospheric chemistry (2016-2017) |  |

**PROFESSIONAL AFFILIATIONS:**

* Administrator of LAB Accreditation committee in Atmospheric science department in (2016-2017).
* Administrator of electronic archive committee in (2016-2017).
* Administrator of Statistics unit of atmospheric science department in (2014-2015).
* Administrator of media committee of Atmospheric Sciences (2015-2016).
* A member in the examination committee in 2006, 2013 and 2016 in Atmospheric Sciences Department.
* A member in library development committee of the department (2014).
* A member of matching of scientific specialization committee (2016-2017).

**PUPLICATIONS:**

* **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.

**PROFFESSIONAL DEVELOPMENT**

* **Certifications**
* Certification of Efficiency in 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 Department of Atmospheric Sciences /Collage of Science AL-Mustansiriyah University.
* **Conference**
* Worked as a chairman of the Seminar (symposium) entitled “The First National Announcement to Iraq”, held in Collage of Science AL-Mustansiriyah University, 2016.
* **Skills**
* Programming Computer languages such as FORTRAN and Matlab and some operating system like MS-DOS and Windows.
* Languages: Arabic, English, and French.