Curriculum Vitae

ALI RAHEEM TUAIMAH AL-NASSAR

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PERSONAL SUMMARY:

- I am a member of teaching staff at Mustansiriyah University, College of Sciences, department of Atmospheric sciences since 2005 until now, working as an assistance lecturer.
- I am specialized in atmospheric dynamics.
- I am interested in atmospheric dynamics, Back trajectory models, Synoptic situation.
- I have a good experience in programming languages such as Matlab.
- Languages: Arabic as a native language; fluent in English.

EDUCATION:

Ph.D. student [2014-2018] Universitat Politècnica de Catalunya (UPC) Barcelona- Spain (Dynamics of Cyclones and Precipitation over the Middle East).

M.Sc. : [2001-2004] from Al-Mustansiriya University College of science, department of Atmospheric Sciences (The Relation between the Temperature and the Electric Power Consumption in Iraq).

B.Sc. #3: [1996-2000] from Al-Mustansiriya University College of science, department of Atmospheric Sciences.

ACADEMIC HONORS AND AWARDS:

#1: I got a letter of acknowledgment awarded by the chairman of Al-Mustansiriyah University in 2011.

ACADEMIC /TEACHING EXPERIENCE:

- **At Al-Mustansiriya University College of science, department of Atmospheric Sciences:**

- #1: (2005-2007) worked as an assistant Lecturer in the laboratories of remote sensing.
- **#2:** (2007-2008) worked as an assistant Lecturer in the laboratories of atmospheric thermodynamic .
- #3:(2008-2010) worked as an assistant Lecturer in Laboratory of synoptic analysis.
- #4:(2011-2012) worked as an assistant Lecturer in Laboratory of cloud physic.
- #5:(2012-2013) worked as an assistant Lecturer in Laboratory of cloud physic.
- #6:(2018-2019) worked as Lecturer and teaching Atmospheric boundary layers.

COURSES TAUGHT:

Undergraduate	Graduate
• Remote sensing. • Synoptic meteorology. • atmospheric thermodynamic • Cloud physic • Atmospheric boundary layers	

PROFESSIONAL AFFILIATIONS:

- Worked as a member in the examination Committee in 2006.
- Member of the American Meteorological Society (AMS2016)

PUPLICATIONS:

1- Estimation of Cloud Cover Area in Atmosphere for Visible images from METOSAT: Case Study, Al-Mustansiriyah education Journal,(in Arabic) , vol. 3,pp. 352-362 (2009)

2- Tuaimah ,A. (2012) Estimation of Daily Diffuse Solar Radiation for Different Iraqi Cities. Al- Mustansiriyah J. Sci. Vol. 23, No 7.

3- Hasanain W,Tuaimah A,Mohammed S (2016)Testing of the Effect Drying the Marshes on the Climate Elements   in South Iraq ,Engineering & Technology Journal,University of Technology,Vol. 2 , No 34,11-25.

4- Al-Nassar, Ali Raheem, Josep L. Pelegrí, Pablo Sangrà, Marta Alarcon, and Agusti Jansa. "Cut-off low systems over Iraq: Contribution to annual precipitation and synoptic analysis of extreme events." International Journal of Climatology ,Vol. 40, Issue2, February 2020, Pages 908-926.

PROFFESSIONAL DEVELOPMENT

- **Certifications.**

- IC3 (Internet and Computing core certification)
- Certificate of participation in Earth Sciences Simulation Environment - Universitat Politècnica de Catalunya, Spain- Barcelona Supercomputing Center 2016.
- Certificate of participation in the Simulation Environments for Life Sciences - Universitat Politècnica de Catalunya, Spain- Barcelona Supercomputing Center -2017.

- **Conferences:**

- 5th International Conference on Meteorology and Climatology of the Mediterranean Istanbul-March-2015
- European Geosciences Union, General Assembly 2016, Vienna | Austria | 17–22 April 2016, Vol. 18, EGU2016-PREVIEW, 2016.