

Curriculum Vitae

FIRAS SABEEH BASHEER

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PERSONAL SUMMARY:

- I'm an Assistant Lecturer at the University of Mustansiriya, Iraq in The College of Science, Department of Atmospheric Science, I have experienced in teaching in this Department since 2005. Studied MATLAB laboratory for the second class and developed my skills more through research and new sources and got to accept the deployment of research "calculate the amount of electricity generated by tidal power in Umm Qasr with the impact of weather factors."
- **Website:** <https://uomustansiriyah.edu.iq/e-learn/profile.php?id=123>
- **ResearchGate:** https://www.researchgate.net/profile/Firas_Basheer
ORCID: <http://orcid.org/0000-0003-4163-6315>

EDUCATION:

- Ph.D. #1: no
- M.Sc. #2: **M.Sc., Atmospheric Sciences, University of Mustansiriya, 1999**
- B.Sc. #3, **B.Sc., Physics Science, University of Mustansiriya, 1996**
- B.Sc. #4: **B.Sc., Software Engineering, Computer Engineering Department , University of Technology, 2003**

ACADEMIC /TEACHING EXPERIENCE:

- #1: **Laboratory of computers (pascal language), 2005-2006**
- #2: **Lecturer in computers (c++ language) 2006-2007**
- #3: **Laboratory of numerical analysis and programming in MATLAB 2007-2008, 2011-2012, 2016-2017**
- #4: **Laboratory of Atmospheric Numerical Modeling 2008-2009, 2009-2010**
- #5: **Laboratory of Computer (IC3 Certification) 2012-2013**
- #6: **Laboratory of Atmospheric Numerical Modeling 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018.**

COURSES TAUGHT:

| Undergraduate | Graduate |
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| 1. Computer Sciences (first class) | |
| 2. Numerical Analysis and Programming (second class) | |
| 3. Atmospheric Numerical Modeling (forth class) | |

PROFESSIONAL AFFILIATIONS:

- Member of Iraqi Engineers Union.
- Participation of many commissions in Department of Atmospheric Sciences, College of Sciences, University of Al-Mustansiriyah.

- Participation of commissions' computer maintenance software and hardware (2008-2009-2010- 2011- 2012- 2013- 2014- 2015-2016) in Department of Atmospheric Sciences, College of Sciences, University of Al-Mustansiriyah.

PUBLICATIONS:

- **1-Al-Shammary, F.,1999.**Tidal Phenomenon in Iraqi Marine Water and the Effects of Meteorological Factors ,M.Sc. thesis submitted to the college of sciences ,Al-Mustansiriyah University p.140 .
- **2- Hazim H. Hussain Al-Saleem and Firas S. Basheer Al-Shammary,2013:**Valuation of Electric Power Amount Produced by Estimation Tidal Energy in Umm-Qasr Region in Regard to Atmospheric Effects ,Al-mustansiriya Journal of Sciences ,Vol.24,No.(4),PP 139-150.
- **3- Firas S. Basheer, 2016.** Goodness of Fitting of Annual Rainfall Data of Four Stations of Iraq , JOSR Journal of Applied Physics (IOSR-JAP), Volume 8, Issue 5 Ver. III (Sep - Oct. 2016), PP 19-22.
- **4- Aqeel Ghazi Mutar ,Firas S. Basheer and EmadKhraibetRashid AL-khuwaylidee,2016,** The Climate Assessment of Iraq region, Journal of Natural Sciences Research, Vol.6, No.20,PP 66-70.
- **5-Ahmed Ali Hameed,Firas S Basheer, 2018,**Calculation of Optimum time Exposure of Ultraviolet Radiation for Different Seasons at Baghdad City, Indian Journal of Public Health Research and Development,Vol.9,No.12,PP 1234-1237.
- **6-Ahmed Fattah ,Firas S Basheer,Thaer Roomi, 2019,TEMPORAL AND SPATIAL ASSESSMENTS OF CARBON MONOXIDE COLUMNS OVER IRAQ USING ECMWF DATASET,** Journal of Engineering and Sustainable Development,Vol.23,No.2,PP. 12-21.
- **7-Basheer, Firas Sabeeh, Ahmed Ali Hameed, and Ahmed Abdulla Kokaz. "Variability of Solar UV Radiation and Its Relationship to Pollutants in Baghdad City." Al-Mustansiriyah Journal of Science 32.2 (2021): 90-95.**
- **8-Roomi, Thaer O., and Firas S. Basheer. "The Synoptic Characteristics, Causes, and Mechanisms of Kahlaa Tornado in Iraq on 14th April 2016."**

PROFESSIONAL DEVELOPMENT

- **Certifications:**
 1. Certificate of Windows 2003 Professional & Server from Al-Quds School for Computers – Ministry of Planning and Development Cooperation, Republic of Iraq, (2005).
 2. Certificate of Internet and Computing Core Certification (IC³), (2011).
 3. Certificate of Training Course for E-Marketing “Social Media” from Modern Academy for Management Science MAM, Egypt (2013).
- **Conferences:**
 1. Contribute to the preparation of the seventh scientific conference which was held at the College of Science at Al-Mustansiriyah University for the period 4-5/May/ 2011
- **Workshops:**
 1. Member of the Preparatory Committee for the conference climatic changes of the Department of Atmospheric Sciences at the College of Science at the University of Mustansiriyah under the slogan Scientific awareness of the community to preserve the safety the climate which was held on 13 \ 4 \ 2015