***Curriculum Vitae***

**Muthanna A. Aziz Al-Tameemi**

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**Personal Summary:**

* Member of the teaching staff at Al-Mustansiriyah University College of Science, Department of Atmospheric Sciences since 2005 till now, working as a lecturer.
* **Field of Interests:**

Linux Software in Hydrometeorology.

Space Weather Influence on the Climate.

Climate modeling.

Solar activity and water cycle.

Development of Software Tools designed to collect and analyze information from the measurement system.

**Education:**

* Ph.D. #1: [2016] from Russian state hydrometeorological university, Meteorological faculty, department of Experimental Physics of Atmosphere.

Dissertation: Study of solar activity effect on global perceptible water vapor and precipitation intensity.

* M.Sc. #2: [2005] from Al-Mustansiriyah University College of science, department of Atmospheric Sciences. Dissertation: Estimation of Evapotranspiration for some selected regions in Iraq.
* B.Sc. #3: [2002] from Al-Mustansiriyah University College of science, department of Atmospheric Sciences.

**ACADEMIC HONORS AND AWARDS:**

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

**ACADEMIC /TEACHING EXPERIENCE:**

* **At Al-Mustansiriyah University College of science, department of Atmospheric Sciences**
* #1: Laboratory of Programming language (C++)
* #2: Laboratory of Meteorological Statistic
* #3: Laboratory of Hydrometeorology and Agrometeorology
* #4: Laboratory of Operating systems (MS-DOS &WINDOWS)
* #5: Lecturer in Meteorological Statistic
* #6: Lecturer in Atmospheric Chemistry
* **At Russian state hydrometeorological university, Meteorological faculty, department of Experimental Physics of Atmosphere**
* **#**1: Laboratory of Meteotechnology (Operating systems Linux (Ubuntu) )
* #2: Laboratory of Meteotechnology (programming language Python)
* #3: Laboratory of Meteotechnology (Climate Data Operators)
* #3: Laboratory of Meteotechnology (climate model Planet Simulator)

COURSES TAUGHT:

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| **Undergraduate** | **Graduate** |
| Meteorological Statistic  Climate Data Operators  Hydrometeorology and Agrometeorology  Atmospheric Chemistry  Operating systems  Climate Modeling | Climate Data Operators  Climate Modeling |

**PROFESSIONAL AFFILIATIONS:**

* Worked as a member in the examination Committee in 2006 and 2008.
* Work as a president in the Quality Assurance Committee in the department of Atmospheric Sciences in 2016.

**PUPLICATIONS:**

* Natiq,A.Z., Dawood,S.M., **Al-Tameemi,M.A.**, 2009. Evaluation of two models to estimate evapotranspiration for some agricultural locations in Mousl and Basrah governorates, Iraqi J. Soil Sci. Vol. 9, No 1.
* **Muthanna A. Aziz**, Imad A. Rashid, Dheyaa A.Al-Hassani, 2010. Atmospheric Attenuation of Microwaves by oxygen and water vapor. Journal College of Education, Al-Mustansiriyah University, Vol.1,No.3,pp372-382.
* **Muthanna A. Aziz**, 2010. Estimation of Evapotranspiration for Mousel and Basrah stations, Journal of Kufa-Physics , Special Issue, part B, ISSN2077-5830, pp334-344.
* **Muthanna A. Aziz**, 2010. Trends of Annual Rainfall for Selected Regions in Iraq, Journal of Kufa-Physics , Special Issue, part A, ISSN2077-5830, pp96-104.
* **Al-Tameemi M.A.,** Chukin V.V. Parametrization of global evaporation on the basis of satellite data about precipitable water vapour of the atmosphere. //Advancement of modern Natural Sciences. – 2016. - № 2. – p. 137-141.
* **Al-Tameemi M.A.,** Chukin V.V. Global average annual values of the a precipitable water vapour and precipitation intensity forecast on the basis of solar-terrestrial relationships statistical model data. //Natural and Engineering Sciences. – 2016 - № 3. – p. 95-103.
* **Al-Tameemi M.A.**, Chukin V.V. Global water cycle and solar activity variations.//J.Atmos. Solar-Terrestr.Phys. - 2016. - Vol.142. –p.55-59.
* Chukin V.V., **Al-Tameemi M.A.**, Shermukhamedov U.A. Space weather impact on global hydrological cycle. // Issues on hydrometeorological support of anthropogenic activities in terms of changing climate. International Scientific Conference papers May, 5-8, 2015. – Minsk, p.75-77.

**PROFFESSIONAL DEVELOPMENT**

* **Certifications.**
* #1: IC3 (Internet and Computing core certification)
* #2: Certificate of Appreciation from the Al-Asr Islamic Foundation (London)
* #3: Certification from University of Kufa
* #4: Statement of Participation in Monitoring Climate form Space online courses / European Space Agency
* #5: Certificate from Russian state hydrometeorological university for Russian language courses
* **Conferences.**
* #1: Kufa University Physics Conference 2010
* #2: 14th EMS Annual Meeting & 10th European Conference on Applied Climatology (ECAC) | 06 – 10 October 2014 | Prague, Czech Republic
* #3: XVIII All-Russian Annual Conference with international participation, “Solar and Solar - Terrestrial Physics 2014” 20-24 Oct, Pulkovo | Saint - Petersburg, Russia
* #4: The final session of the Scientific Council of Russian State Hydrometeorological University (Saint - Petersburg, 2015)
* #5: 15th EMS Annual Meeting & 12th European Conference on Applications of Meteorology (ECAM) | 07–11 September 2015 | Sofia, Bulgaria
* #6: International scientific conference "Problems of hydrometeorological support economic activity in a changing climate”. – Minsk, 2015.
* **Workshops:**
* #1: Communicating Climate Change workshop for European Conference on Applications of Meteorology (ECAM) |September 2015| Sofia, Bulgaria