***Curriculum Vitae***

**Kais Jamil Latif**

***Al-Mustansiriyah University – College of Science***

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**Personal Summary:**

* Professor of atmospheric sciences with over 25 years’ experience in teaching and conducting research in atmospheric physics and dynamics, atmospheric remote sensing, and climate modeling. Current research interest focuses on polarimetric weather radar, satellite meteorology, atmospheric effects on microwave communications.

**Education:**

* Ph.D. : Meteorology, University of Alberta, Edmonton, Canada (1989)
* M.Sc. : Meteorology, McGill University, Montreal, Canada (1984)
* M.Sc. : Physics, Al-Mustansiriyah University, Baghdad, Iraq (1980)
* B.Sc. : Physics, Al-Mustansiriyah University, Baghdad, Iraq (1977)

**ACADEMIC HONORS AND AWARDS:**

* Many Minster Certificates of Appreciation for outstanding academic performance
* Numerous Dean Letters of Acknowledgement and Appreciation for research and teaching activities

**ACADEMIC /TEACHING EXPERIENCE:**

* More than 25 years’ of teaching academic B. Sc. courses in atmospheric sciences, physics, and computer science.
* More than 25 years’ of teaching academic M. Sc. And Ph. D. courses in atmospheric sciences and physics.
* Taught many continuing education courses.
* Supervised and co-supervised over 35 M. Sc. and more than 15 Ph. D. theses.
* Participated in numerous examining committees of M. Sc. and Ph. D. thesis defenses.

**COURSES TAUGHT:**

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| **Undergraduate** | **Graduate** |
| Atomic Physics  Electromagnetic Theory  Linear Algebra  Calculus  Analytical Mechanics  Programming and Numerical Analysis  Dynamic Meteorology  Physical Meteorology  Remote Sensing of the Atmosphere  Image Processing  Cloud Physics  Object Oriented Programming  Image processing  Modeling and Simulation | Advanced Atmospheric Dynamics  Advanced Physical Meteorology  Radar Meteorology  Satellite Meteorology  Advanced Atmospheric Radiation  Computational Atmospheric Science  Climate Dynamics  Climate Modeling  Selected Topics in Atmospheric Science |

**PROFESSIONAL AFFILIATIONS:**

* 1992-1995: Reader the Department of Atmospheric Sciences, College of Science, Al-Mustansiriyah University
* 1996-1998: Head of the Department of Atmospheric Sciences, College of Science, Al-Mustansiriyah University
* 1999-2003: Head of the Department of Computer Science, College of Science, Al-Mustansiriyah University
* 2005-2013: Coordinator of Postgraduate Studies, Department of Atmospheric Sciences, College of Science, Al-Mustansiriyah University

**PUPLICATIONS:**

* Authored and co-authored more than 40 research papers in Atmospheric science
* Co-authored manuals for Remote Sensing and Cloud Physics Labs

**PROFFESSIONAL DEVELOPMENT**

* The 23rd Conference on Radar Meteorology and the Conference on Cloud Physics. Snowmass, Colorado, American Meteorological Society, USA,1986.
* The Third Scientific Conference of the College of Science, Al-Mustansiriyah University, Baghdad, Iraq, 1997.
* The National Conference on Climate Change and Its Environmental Effects. College of Science, Al-Mustansiriyah University, 1998.
* The Fourth Scientific Conference of the College of Science, Al-Mustansiriyah University, Baghdad, Iraq, 1999.
* Workshop on the Solar Eclipse, Al-Mustansiriyah University, Iraq, 1999.
* The Fourth Arab Conference in Astronomy and Space Sciences, Amman, Jordan, 2000.
* The National Conference in Mathematics, Baghdad, Iraq, 2001.
* The Fifth Scientific Conference of the College of Science, Al-Mustansiriyah University, Baghdad, Iraq, 2001.
* The Workshop on Cloud Seeding and Rainmaking, Baghdad, Iraq, 2002.
* The 2nd National Conference in Computer Science, Baghdad, Iraq, 2003.
* The Sixth Scientific Conference of the College of Science, Al-Mustansiriyah University, Baghdad, Iraq, 2010.