

CV



Name: Firas Abdulrazzaq Hadi

Date and Place of Birth: Iraq, Baghdad, 1976

Status: Married

Gender: Male

Residence: Iraq-Baghdad/Al-Amryah

Certificates:

- 1- B.Sc. in Physics / College of Science / Baghdad University.
- 2- M.Sc. in Astronomy (Digital Image Processing) / College of Sconce / Baghdad University.
- 3- Ph. D student in Physics / College of Science / Alnahrayn University.

Experience:

- 1- Image Processing / Image Restoration / Image Compression.
- 2- Electronic card Designing.
- 3- Computer Maintenance and Building.
- 4- Remote Sensing Field.
- 5- Wind Energy Analysis.

Knowing Programming Languages:

Visual Basic, Qbasic, and little About Matlab.

Knowing Software Programes:

CorelDraw, Photoshop, ERDAS, GIS, Word, Excel, PowerPoint, ENVI, Statistica, Surfer, WAsP.

Achievement:

Built WEAP program for wind energy assessment project

Work Places:

- 1- Atomic Energy Commission, 2002-2003.
- 2- Ministry of Science and Technology, 2003-2005.
- 3- College of Science –Remote Sensing Unit, Baghdad University 2006-2007.
- 4- Arab Institute for Certified Public Accountant, 2007-2010
- 5- Ministry of Science and Technology, 2007 till now.

Thesis Title:

M.Sc. Thesis / "ImageDeblurring Using Orthogonal Polynomials" , Supervised by

Dr. Loay K. Abood

Dr. Ayad A. Ani

Ph.D. Thesis / "ConstructingA Mathematical-Statistical Model for Wind Potential in Iraq",

Supervised by

Dr. Mohammed A. Saleh

Dr. Ayad A. Ani

Published Papers:

- 1- "Deblurring Digital Images Using Hermite Polynomial Transform". Iraqi Journal of Science Vol. 44, No.1, 2003.
- 2- "Unifying Techniques for Multisource Remote Sensing Images". Almustansiriyah Journal of Science Vol. 22, No. 1,2010.
- 3- "Preparing a Map for the Surface Temperature Distribution of Baghdad and the Marsh Area Using Remote Sensing Technique".Iraqi Journal of Science, December 2012, Vol. 53, No. 4, PP.1006-1016.

- 4- "The Study Of The Surface Area Change Of Lake Al-Razzaza Using Geographic Information System (GIS) And Using Remote Sensing Technology". Iraqi Journal of Science, December 2012, Vol. 53, No. 4, Pp. 1025-1031.
- 5- "Weibull Parameters and Wind Power Assessment for Three Locations in Iraq". Iraqi Journal of Science, 2014, Vol. 55, No. B2, Pp. 729-740.
- 6- "Ambient Turbulence Intensity Calculation for Al-Nasiriyah Province in Iraq". Iraqi Journal of Science, 2014, Vol 55, No.2A, pp:561-571.
- 7- "Potential Energy Evaluation for Al-Shehabi Location in Iraq (Case Study)". International Journal of Application or Innovation in Engineering & Management (IJAIEEM), Volume 4, Issue 3, March 2015.
- 8- "A Tool for Optimum Wind Turbine Site Matching (A case study at Al-shehabi site /Iraq)". 21 physical conference, Al-Mustansiriyah University.
- 9- "Turbulence Intensity Calculation for Al-Shehabi Site in Iraq", Vol. 4, Issue 9, September 2015, ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875.
- 10- "Suitable Wind Turbine Identification Using Capacity Factor and Economic Feasibility", International Journal of Science and Technology Volume 4 No. 8, August, 2015, ISSN 2049-7318.

Published book:

"Wind Energy- Mathematical and Statistical Basis", 1 st edition, ISBN: 978-3-659-69677-0.

Training Course:

- 1- IC3 course 2010 (Baghdad University).
- 2- TOEFL Course 2010 (Baghdad University).
- 3- Applied Data analysis for scientists and engineers (workshop part 1) 2009 (MOST).
- 4- Applied Data analysis for scientists and engineers (workshop part 2) 2009 (MOST).
- 5- ICDL certificate 2008 (Ministry of Science and Technology).
- 6- Teaching methods 2007 (Baghdad University).
- 7- Computer network 2004(Baghdad University).
- 8- GPS training course 2004 (Ministry of Planning).
- 9- ERDAS Imagine course 2004 (Egypt).
- 10- Project Management Body of Knowledge PMBOK (Ministry of Science and Technology)
- 11- First Aid (Ministry of Science and Technology)

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