

CV of Assist. Prof.Dr.Israa Jameel Muhsin



First: personal information

name	Dr. Israa Jameel Muhsin Al-Rubiey
gender	female
Date of birth	1972
Place of birth	Iraq-Baghdad
Identification	Iraq
E-mail	israaphysics@gmail.com
Telephone number	07804193687
Scientific degree	Assistant professor
Jop place	Baghdad university- college of science- physics department

Second: education:

Stage name	Source of studying	date		Studying type
		from	to	
Primary	Dhook Schoo Baghdad-Iraq	1978	1982	general
Middle	Al-yarmook school Baghdad-Iraq	1982	1987	General
Secondary	Al-Batool school Baghdad-Iraq	1987	1990	scientific
B.SC.	College of science Baghdad university	1990	1992	B.Sc. of physics
M.Sc.	College of science Al mustansiriy university	1997	2000	M Sc. Title thesis'' Image segmentation using Gabor filter''
PH.D	College of science Baghdad university	2006	2010	PH.D. thesis title ''High resolution digital elevation model (DEM) of Baghdad

				<i>university campus'</i>
<i>specifications</i>	<i>Remote sensing and Digital image processing</i>			

third: published researches

	<i>Research name</i>	<i>Journal name</i>
1	Image segmentation using multi-channel gabor filter	Iraqi journal of science Vol.42, no.2, 2001-1-1
2	Unsupervised classification of image using isodata and K-mean clustering	Iraqi journal of science Vol.45E,2004
3	Parallelepiped and mahalanobis distance classifier technique for remotely sensed images.	Iraqi physics journal Vol.1, no.1,2003
4	Adaptive smoothing technique for remotely sensed image enhancement.	Iraqi Journal of Physics, 2008 Vol. 5, No. 1, PP 34-41
5	High Resolution DEM Production Using Adaptive Interpolation Methods (Quadrant & Octant)	Iraqi Journal of Science, Vol.50, No.3, 2009, PP.409-417
6	High Resolution DEM generation using GPS navigator.	Conference of college of education.
7	Improving Spatial Resolution of Satellite Image Using Data Fusion Method	Iraqi Journal of Science, December 2012, Vol. 53, No. 4, Pp. 943-949
8	An Iteration Restoration Technique Of An Image Sequence	Iraqi Journal of Science, December 2012, Vol. 53, No. 4, Pp.977-982
9	Multi Spectral Scanner "MSS" and Panchromatic Components Difference of Al- Haditha Dam Region Using GIS and Remote Sensing Techniques	Journal of al mustansirah science
10	Monitoring the Vegetation and Water Content of Al-Hammar Marsh Using Remote Sensing Techniques	Baghdad Science Journal vol.8, No.2, 2011
11	High spatial resolution digital elevation model (DEM) production using different interpolations techniques	Iraqi Journal of Physics, 2013 Vol.11, No.21, PP. 116-126
12	Al-Hawizeh Marsh Monitoring Method Using Remotely Sensed Images	Iraqi Journal of Science, Vol.52,No.3,2011,PP.381-387
13	Improving Spatial Resolution of Satellite	Iraqi Journal of Science,

	Image Using Data Fusion Method	December 2012, Vol. 53, No .4, Pp. 943-949
14	An Iteration Restoration Technique of an Image Sequence	. Iraqi Journal of Science, December 2012, Vol 53, No .4, Pp.978-984
15	Video Image Compression Using Absolute Moment Block Truncation Method with Orthogonal Search Motion Estimation Technique	Iraqi Journal of Science, 2014, Vol 55, No.1, pp:276-282
16	Edge detection of noisy image using different mask filters	Vol: 8 No: 3, July 2012 ISSN: 2222-8373
17	Adaptive inter frame compression using image segmented technique	Iraqi Journal of Physics, 2013 Vol.11, No.21, PP. 1-11
18	Content-based Image Retrieval (CBIR) using Hybrid Technique	International Journal of Computer Applications (0975 – 8887) Volume 83 – No 12, December 2013
19	Automated method for buried object detecting using ground penetrating radar (GPR) survey	Iraqi Journal of Physics, 2014 Vol.12, No.23, PP. 80-89
20	Enhancement and Quality Assessment of Multi-Spectral Image Using Different Fusion Methods	<i>Iraqi Journal of Science, 2015, Vol 56, No.1A, pp: 257-264</i>
21	Using Change Detection and Classification Methods to Study the Al-ahwaz Marshal using Landsat-7 ETM Images	Volume 6, No. 1, Jan-Feb 2015 International Journal of Advanced Research in Computer Science
22	Augment the Spatial Resolution of Multispectral Image Using PCA Fusion Method and Classified It's Region Using Different Techniques.	International Journal of Engineering Trends and Technology (IJETT) – Volume 26 Number 3- August 2015
23	Medical Image Improvement using Different Fusion Methods	IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 8, August 2015.
24	Prepare Maps for Temperature Distribution in Iraq Using Arc- GIS Techniques	IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 9, September 2015.
25	Change Detection of AL-Hammar Marsh	International Journal of

	Using Classification Method Based On Gaussian Mixture Model	Innovative Research in Science, Engineering and Technology. Vol. 4, Issue 10, October 2015
26	Change detection of remotely sensed image using NDVI subtractive and classification methods.	Iraqi Journal of Physics, 2016 Vol.14, No.29, PP. 125-137
27	Increase the Intelligibility of Multispectral Image Using Pan-Sharpning Techniques for Many Remotely Sensed Images	Ibn Al-Haitham J. for Pure & Appl. Sci. Vol. 28 (3) 2015
28	Using Hybrid Technique to Study the Changes in Al-Ahwaz Marshal Region with K-L Transformation Analysis and Unsupervised Classification process	International Journal of Scientific & Engineering Research, Volume 7, Issue 4, April-2016 219 ISSN 2229-5518
29	Improve the Quality of Multispectral Bands using Different Fusion Techniques	Volume 4, Issue 3, March 2016 International Journal of Advance Research in Computer Science and Management Studies
30	Color Image Compression by Using Absolute Moment Block Truncation Coding and Hadamard Transform	ISSN 2277-3061 Volume 15 Number 7 International Journal of Computers and Technology

fourth: work fields:

<i>Jop</i>	<i>Jop place</i>	<i>date</i>	<i>Jop type</i>
<i>Assist.physician</i>	<i>College of science\physics dep.</i>	<i>-1994 1997</i>	<i>atomic, electricity, mechanics, optics</i>
<i>Lecturer and researcher</i>	<i>Remote sensing unit</i>	<i>2000-2006</i>	<i>Researches and teaching</i>

<i>Lecturer</i>	<i>Engineering college\nuclear dep.</i>	<i>2000-2004</i>	<i>Numerical analysis, general physics</i>
<i>PhD degree</i>	<i>Physics department</i>	<i>2010</i>	
<i>Assist.prof.</i>		<i>2011-</i>	<i>Teaching and researcng</i>

Fifth: supervision

M.Sc thesis

1. Hussein Saleh Mahdi, "Buried Object Detection Using Ground Penetrating Radar (GPR) Survey" College of Science, University of Baghdad, physics dep.(2014).

2. Khalid Hassin Saleh, " Fusion of Multispectral and Panachromatic Images Using Adaptive Method" " College of Science, University of Baghdad, physics dep.(2015).

3. **Nabeel Jameel Twfeeq, " Perspective View Of Buried Objects using Penetrating Ground Radar (GPR) Survey"**, College of Science, University of Baghdad, physics dep.(2015).

4. Yasser Fakhri sabri, "Improvement of the Quality of the Medical Images Using Different Fusion Techniques", College of Science, University of Baghdad, physics dep.(2016).