

CURRICULUM VITAE
Sattam Salem Alshogoor
Associate professor

Last update
March, 2021

**Research experience in GIS and RS, Physical Climatology,
Environmental, climate change.**

Personal information

Final name: Alshogoor

First name: Sattam Salem muqbil

Date of birth: 24 September 1975

Nationality: Jordanian

Employer

Name: Department of geography, Mutah University

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Education

Institution		Damascus University		
From	To	Degree	Department	Major subject
2006	2010	PhD	Geography	Physical geography , climatology, Environmental ,GIS& RS
Institution		Mutah University		
From	To	Degree	Department	Major subject
2003	2006	Ms	Geography	Physical geography , Applied climate
Institution		Mutah University		
From	To	Degree	Department	Major subject
1993	1997	Undergraduate	Geography	General Geography

Languages

- English: excellent
- Arabic: excellent

Key qualification

- Research experience in hydro climate studies using GIS & RS.

Professional experience

- Associate professor, at Department of Geography, Mutah University, Karak, Jordan from Sep 12, 2017.
- Associate Visiting scholar in University of British Colombia from Feb 1 to June 30, 2019.
- Assistant professor, at Department of Geography, Mutah University, Karak, Jordan. From Sep12, 2012 to Sep 11, 2017.
- Lecturer at the Regional Centre for Space Science and Technology Education for West Asia / United Nations from July 2019 to present.
- Lecturer at Faculty of the Jordanian Geographical Center for Surveying Sciences from Feb 2014 to Jan 2019.

Training received

- Completed 84 hours in international training workshop on capacity of addressing climate change through space technology 21st Oct – 3rd Nov, 2019 Beijing, china.
- Completed a course in Advanced G I S and an advanced course in Remote Sensing at the University Of British Columbia Geography Department, Vancouver, Canada from February 5 to June 25, 2019.
- Incorporating ArcGIS pro into your Curriculum, Association of American Geographers – New Orleans, April 10-14, 2018.
- Implementing ArcGIS online for organization, Association of American Geographers – Chicago, USA, 2015.
- Teaching Web GIS – Lab Design, Association of American Geographers – Chicago, USA, 2015.
- Compelling cartography with ArcGIS, Association of American Geographers – Chicago, USA, 2015.
- Spatial analysis with ArcGIS, Association of American Geographers – Chicago, USA, 2015.
- Implementing ArcGIS online for organizations, Association of American Geographers – Chicago, USA, 2015.
- Taking terrain mapping to new heights with ArcGIS, Association of American Geographers – Chicago, USA, 2015.
- Becoming a certified GISP, Association of American Geographers – Chicago, USA, 2015.
- An introduction to spatial analysis using ArcGIS, Association of American Geographers – Chicago, USA, 2015.
- Researching learning progression for maps, Association of American Geographers – Chicago, USA, 2015.
- Teaching ArcGIS Online – Association of American Geographers – Washington DC, USA, 2014.
- Sharing web maps and GIS data with the ArcGIS Platform, Association of American Geographers – Washington DC, USA, 2014.
- Spatial analysis in ArcGIS, Association of American Geographers – Washington DC, USA, 2014.

- Lieder processing and terrain analysis in Global Mapper, Association of American Geographers – Washington DC, USA, 2014.
- Making Great Web Maps with ArcGIS, Association of American Geographers – Washington DC, USA, 2014.
- Creating surfaces and interpolation in ArcGIS, Association of American Geographers – Washington DC, USA, 2014.
- Becoming a Certified GISP and why It Matters for you, – Association of American Geographers – Washington DC, USA, 2014.
- ArcGIS: Essential Workflows, Esri authorized learning Center, Amman 2013.
- Introduction to GIS, Esri authorized learning Center, Amman 2013.
- Attended a training course in electronic content manager consisting of 15 credit hours from the period 10 days equivalent to 18/11/2012 to 11/12/2012, academic development and quality assurance center Mutah university.

Computer Skills &Additional Activities:

- Operating Systems: DOS, Windows, Unix, Linux
- Word Processing: WinWord
- Arc GIS, Erdas.
- ICDL.
- GPS.

Teaching experience

- Courses in GIS1 & GIS2 for Master students of GIS master program in Mutah University & Royal Jordanian Geographic Centre.
- Courses in Introduction to Remote Sensing for students of GIS master program in Mutah University & Royal Jordanian Geographic Centre.
- Courses in the applications of Geographic information systems
- Courses in the applications remote sensing applications
- Courses in the applications digital maps.
- Course in Environmental problems for students of GIS master.

- Course in Environmental and Remote Sensing for students of GIS master program.
- Course in principles environmental science
- Course in meteorology
- Course in climate change
- Course in Environmental risks
- Course in Maps and satellite photos
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Memberships, additional experience and activities

- a. Headman of the Department of Geography in Mutah University from Feb 14, 2021 to present.
- b. Vice Dean of the faculty of Social Sciences from September 2017 to January 2019.
- c. Headman of the Department of Geography in Mutah University from 1/9/2013 to 1/9/2017.
- d. Vice President of the Jordan Geographical Society from 2018 to present.
- e. Board member of Mutah University from 21/9/2014 to 20/9/2015 and from 1/9/2020 to present.
- f. Member in Association of American geography.
- g. Member of Arabic union of surveyors from 1/1/2014.
- h. A member of the Arab Union for Astronomy and Space Sciences.
- i. Member of the Scientific Committee of the Conference of Arabic geographical names and Astronomy 2014.

Funded Research projects

- Using GIS and RS in the spatial analysis of the areas at risk of flooding in the city of Aqaba.
- Drought Severity Assessment using Land Surface Temperature (LST) and (NDVI) in Al Za'atari basin (Northeast of Jordan)

Publication

- Drought Severity Assessment using Land Surface Temperature (LST) and (NDVI) in Al Za'atari basin Northeast of Jordan, Journal of Al-Hussein Bin Talal University for Research (Issue 1 Vol 7-2021).
- Analysis of Morph metric characteristics analysis of Wadi Alyotum basin using digital elevation model, Mu'ta Research and Studies, Human and Social Sciences, 33rd Volume, Fifth Issue, 2018.
- The effect of morphometric characters on the water flow in the Al-Karak plateau, south of Jordan, Volume44, Human and Social Sciences, No4, Supplement 2,2017.
- The Use of Geographic Information Systems and Remote Sensing Techniques in the Exploration for Manganese in the South Eastern Province in the Sultanate of Oman, Journal of Al-Husain Bin Talal University for Research, Volume 3, Issue 1, 2017.
- Recent Trends in Precipitation Climatology in the Karak Plateau, Jordan. Journal of the Arab world geographer, Volume 18, Issue 4, December 2015.
- The impact of climate change on the average of annual rainfall in southern Jordan During the period from 1983 – 2013, Mu'tah Research and Studies, Human and Social Sciences, Volume 32, Number 2, 2017.
- Weather Season Rainy the during Jordan Influencing Instability (2011-2010), Annals of the Literature of Ani Musa - Volume 34 (April-June 2015).

- Using geographic information systems in the study of the impact of topography contrast on the thermal comfort months in Jordan
- Analysis temperature changes in Jordan during the period 1967-2012
- Temporal and spatial variability of rainfall and its relationship with repeat drought frequency on the mountains area of Jordan
- Cases of instability affecting the Jordan during the rainy season 2011/2012

Conferences

- Saudi geographical society, International Geoinformatics Conference 2021 (29 – 31 March 2021).
- The Twelfth Arab Conference on Astronomy and Space Sciences and the Seventh Islamic Astronomical Conference in Amman, may 1-3, 2018.
- AAG Annual Meeting in New Orleans, April 10-14, 2018.
- AAG Annual Meeting in San Francisco, March 29 - April 2, 2016
- AAG Annual Meeting in Chicago, April 21-25, 2015.
- 7th conference of Arab experts on geographical names, Amman Jordan, November, 11-13, 2014.
- AAG Annual Meeting in Florida, Tampa, 2014, April 17-21, 2014.
- Conference of surveyors and geographical names, Royal Jordanian Geographic Center, from October 29 – 31, 2013.
- 6th Conference of scientific research in Jordan, Zitouna University, September 24, 2013

Thesis supervisor

- 1- Review and assessment of the protected areas network in Jordan using systematic conservation planning Submitted by Natalia Moh'd Boulad. 2021.
- 2- Determining the best methods of water harvesting in Wadi Al-Sarhan using gis, Wala Zaydis, 2021
- 3- Detecting the change in the land cover and its uses in the Wadi Al-Seer District during the period (1989-2014) by using geographic information systems and remote sensing. For the student: Nafez Mahmoud Abu Ali, 2016.
- 4- The urban development of Amman from 1980-2010 by using geographic information systems. Student: Muhammad Anwar Al-Tawalbeh, 2016.
- 5- Assessing the water situation in Karak Governorate, using geographic information systems. Student: Mohamed Nasr Abu Safi, 2016.
- 6- GIS applications in renewable energy projects. Student: Taghreed Ahmad Al-Qadhat, 2015.
- 7- Analysis of the impact of potential climate change on rain in southern Jordan. Student: Shahd Sakalla, 2014.
- 8- The use of geographic information systems and remote sensing applications in flood management and environmental risk analysis - Amman, a case study. Student: Wala Al-Kiswani, 2016
- 9- Application of Geographic Information Systems in the Analysis of Morphometric and Hydrological Characteristics in the Wadi Araba Basin, Hisham Al-Zyoud, 2017
- 10- Estimation of water erosion in the Wadi al-Wala basin: a numerical study using gis & rs Muhammed Al-Talahin, 2017
- 11- Assessment of Droughts in the Wadi Al-Karak Basin, Using Modern Geographical Techniques, Hajar Belhoud, 2017.

- 12- Geographical distribution of security centers in the city of Amman using geographic information systems (GIS) techniques By Safwat Muhammad Tayseer, 2018.
- 13- Pollution hot spot in the central basin of Wadi Mujib and their effects on water quality using geographic information systems By Al-Amr, Hanan Mahmoud Thalji, 2019.
- 14- Determining the best sites for generating solar energy in Al Balqa Governorate, using geographic information systems By Al-Zoubi, Salam Muhammad, 2020.
- 15- Analysis of the land use map in the Southern Mazar District for the period (1986- 2017), by using GIS applications and remote sensing Nawaisa, Fadia Mahmoud, 2018.
- 16- The effect of changing land cover and urban growth on the thermal island in the city of Amman: an applied study using space technologies and geospatial information, By Farag, Akram Abdel Fattah Moussa, 2018.
- 17- Employing spectral indicators to detect and analyze the change in vegetation coverage of highland areas in Karak Governorate (1986-2016), By Al-Ayed, Isra Fawaz, 2018.

Languages

- English: Excellent
- Arabic: Excellent

Key qualification

- Research experience in GIS and RS, Physical climatology, Environmental, climate change.