

Curriculum vitae

Personal information

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Education:

University	Location	Major	Degree	Year
Texas Tech University	United States	GeoScience	Ph.D.	2017
Texas Tech University	United States	GIS&T	CIRTIF.	2016
King Saud University	Riyadh, Saudi Arabia	geography	M.A.	2010
Qassim University	Qassim, Saudi Arabia	geography	B. A.	2002

Academic and Professional Experience:

Institution	Department	Position	Year
King Abdulaziz Foundation	GIS Center	Technical supervisor	2018- 2020
Ministry of Interior	Region Affairs	Technical supervisor	2018-2019
King Saud University	<u>Saudi Geographical Society</u>	board member	2018- present
King Saud University	GIS/RS Unit	Director	2018- present
King Saud University	geography	Assistant Prof.	2017- present
King Saud University	geography	Lecturer	2010- 2017
King Saud University	geography	Teaching Assistant	2009-2010
The Ministry of Education	geography	Teacher	2002-2009

Areas of Interest:

- Applied GIS in Sustainable energy, Geomorphology and hydrology.
- Use Demographic Data for Location Intelligence
- Applied geospatial Modeling (GIS, remote sensing, Internet mapping).

Teaching courses:

Course	Location	Department
Building Geodatabases	King Saud University	geography
GPS	King Saud University	geography
Spatial Analysis & Modeling	King Saud University	geography
Remote sensing App.	King Saud University	geography
Advanced Remote sensing	King Saud University	geography
Adv. GIS	King Saud University	geography

Publications:

- Almontashiri, Almutlaq (2020). Application of Geographic Information Systems (GIS) To Choose the Most Appropriate Sites for Isolation, To Face the Emerging Coronavirus (COVID-19) In Jeddah City. Journal of Saudi Geographical Society. King Saud University, Riyadh, Saud Arabia.
- Almasoed, Almutlaq (2020). The role of social media in tracking critical geographical phenomena Tracking Hurricane Uesi on Twitter as a "Modeling". Journal of King Abdulaziz University-Arts and Humanities. Jeddah, Saud Arabia.
- Almutlaq, Albarak, (2020). Estimating the amount of Rain harvesting in valley basins in the southwestern highlands in Saudi Arabia, based on the PERSIANN model. Journal of Kuwait Geographical Society. Kuwait.
- Almutlaq (2020). Dust Storm Wall Mural Detection by Using Modis Images: A Case Study in Saudi Arabia. Journal of Saudi Geographical Society. King Saud University, Riyadh, Saud Arabia.
- Almutlaq, Mulligan, (2019). Using ArcGIS to Explore Path of Sand Drift. Esri Map Book, Thirty-fourth Annual Esri International User Conference, San Diego, California.
- Almutlaq, Fahad, (2019). Using GEFS Model of Wind data in natural phenomena. the 13th GIS Symposium in Dammam, Saudi Arabia.
- Almutlaq, Fahad. (2018). Exploratory studies for the Empty Quarter using geographical techniques. Forum Saudi Geological Survey.
- Almutlaq, Fahad. Mulligan, Kevin.2018, Using ArcGIS to Explore Pathways of Sand Drift in the Rub' al Khali, Esri International User Conference, San Diego, California.
- Almutlaq, Fahad. 2018, USING WEATHER FORECAST REANALYSIS DATA TO ANALYZE POTENTIAL SAND TRANSPORT AND DUNE MORPHOLOGY WITHIN THE RUB' AL KHALI. International Conference on Aeolian Research, June 25-29, 2018, Bordeaux, France.

[https://colloque.inra.fr/icar2018/layout/set/print/Submission/Using-Weather-Forecast-Reanalysis-Data-to-Analyze-Potential-Sand-Transport-and-Dune-Morphology-within-the-Rub-al-Khali/\(offset\)/1](https://colloque.inra.fr/icar2018/layout/set/print/Submission/Using-Weather-Forecast-Reanalysis-Data-to-Analyze-Potential-Sand-Transport-and-Dune-Morphology-within-the-Rub-al-Khali/(offset)/1)

- Ph.D. Dissertation: Analysis of Dune Morphology within the Rub' al Khali Using Geospatial Technology. (2017)

- Almutlaq, Mulligan, 2016. Analysis of Dune Morphology within the Rub al Khali, Kingdom of Saudi Arabia. American Association of Geographers (AAG).
- Master's Thesis: Use of the environment code in geographic information systems for the design of the interface software to interact with maps of air pollution: sulfur dioxide gas in the city of Riyadh for the year (2003) model. (2010)

Under Publications:

- Almutlaq, Fahad, (2021). Spatial suitability for photovoltaic (PV) energy collection in Saudi Arabia based on Boolean model. Journal of Architecture and Planning. King Saud University, Riyadh, Saud Arabia.

Academic Work:

Technical supervisor with GIS Center of King Abdulaziz Foundation	2018- 2019
Director of GIS/RS Unit in King Saud University	
Board member of Saudi Geographical Society	2018- present
Director Media Committee in Geoinformatics Conference	2019
Research paper in GISday 2017 (the reality of GIS in international universities)	
Working as coordinator of the committees in the Department of Geography has been the handbook section	2010
Working as a coordinator for The Day of Geographic in	2010

Training courses:

Name of course	Date	Period	The location
ArcGIS Online Essential Workflows	18/01/2021	2 days	ESRI
Field Data Collection Management Using ArcGIS	21/01/2021	3 days	ESRI

ArcGIS 3: Performing Analysis	07/05/2018	2 days	ESRI
Cartography	May 23, 2018	6 weeks	ESRI
Going Places with Spatial Analysis	Dec. 20, 2016	5 weeks	ESRI
Earth Imagery at Work	Oct. 18, 2016	5 weeks	ESRI
The Location Advantage	April 26, 2016	5 weeks	ESRI
Do-It-Yourself Geo Apps	March 1, 2016	5 weeks	ESRI
The Center for English as a Second Language	02/07/2012	4 Months	The University of Oklahoma
Intensive English Program	22/10/2010	16 Months	Indiana University-Bloomington

