

Kingdom of Saudi Arabia

Ministry of Education

King Faisal University

Collage Of Arts



المملكة العربية السعودية

وزارة التعليم

جامعة الملك فيصل

كلية الآداب

الكلية : الآداب

القسم : الجغرافيا

نموذج السيرة الذاتية لأعضاء هيئة التدريس بكلية الآداب

البيانات الشخصية/Personal Information

١

عبد الرحيم عبد المطلب محمد صالح Abdelrahim Abdelmutalib Mohamed Salih	Name / الاسم
جامعة الملك فيصل King Faisal University	University/ الجامعة
الآداب Arts	College/الكلية
الجغرافيا Geography	Department/القسم
أستاذ مساعد Assistant Prof	المرتبة العلمية Academic Rank
متزوج	الحالة الاجتماعية
المنطقة الشرقية، الأحساء، الهفوف، حي التليثية	العنوان / Address
الجوال ٠٥٣٨٨٠٢٦١٩	

المؤهلات الدراسية/Qualifications

٢

تاريخ الحصول	الجهة المانحة لها Name of the University	التخصص Specialization	الدرجة العلمية Degree
2006	جامعة الخرطوم University of Khartoum	الجغرافية Geography	بكالوريوس درجة الشرف Bachelor degree (Honors)

2011	أكاديمية السودان للعلوم Sudan Academy of Science	الاستشعار عن بعد ونظم المعلومات الجغرافية Remote Sensing and Geographical Information System (GIS)	الماجستير Master of Science
2014	جامعة الخرطوم University of Khartoum	العلوم البيئية Environmental Sciences	الدكتوراه Doctor of Philosophy
2014	University of Groningen	Urban Change and Social Dynamic in Africa	Graduate Diploma
2009-2011	InWint for Economic, Environmental and Social Statistics, Boon, Germany	Statistical Indicators for Environmental Policies in Sub – Sahara Africa	Graduate Diploma

التخصص ومجالات الاهتمام
Area of Specialization/Interest

٣

العلوم البيئية Environmental Sciences	التخصص العام General Area of Specialization
الاستشعار عن بعد ونظم المعلومات الجغرافية Remote Sensing and Geographical Information System	التخصص الدقيق Specific Area of Specialization
My main research interests include: estimation of land surface variables from satellite observations and drought/desertification monitoring; remote sensing image processing and analysis; image retrieval and methods development; machine (deep) learning methods and spectral mixture analysis for multispectral and hyperspectral image classification, fusion and integration for desertification mapping and land-cover change assessment; GIS spatial analysis and modeling for Natural Hazard and Risk mapping and assessment.	مجالات الاهتمام العلمية Area of Interest

السجل الوظيفي/Career record

٤

التاريخ/Date	جهة العمل وعنوانها/Position	الوظيفة/Job
Dec 2022 -Present	King Faisal University, Faculty of Arts, Department of Geography	Assistant Prof
Dec 2016-Oct 2022	Imam Mohammad Ibn Saud Islamic University (IMSIU), Department of Geography and GIS	Assistant Prof

2014-2016	Future University, Faculty of Geoinformatics, Department of GIS	Assistant Prof
2012-2016	University of Khartoum, Faculty of Geographical and Environmental Sciences, Department of GIS & Cartography	Assistant Prof
2008-2014	National Center for Research, Remote Sensing Authority, Sudan.	Research Assistant, Researcher, Research Assistant Professor

الأعمال الإدارية واللجان / Administrative work and committees

٥

Date/التاريخ	مسمى العمل الإداري / اللجان والمهام / Name of the job
Jul 2022-Present	Topic Editor for Frontier in Remote Sensing "Creative Spatio-Applied Solutions to Combat Desertification and Sustainability Enrichment for MENA Region.
2015-2016	Editor-in-Chief of the Scientific Technology and Innovation Journal, Future University, Sudan.
2016-2022	Headed the Laboratory Committee, Department of Geography and GIS, Imam Mohammad Ibn Saud Islamic University
2015-2016	Headed the Training and Research Unit at the Faculty of Geographical and Environmental Sciences, University of Khartoum
Nov 2022 - present	عضو لجنة الاستدامة، قسم الجغرافيا، كلية الآداب، جامعة الملك فيصل
Nov 2022 - present	عضو لجنة التدريب الميداني والدراسات الميدانية، قسم الجغرافيا، كلية الآداب، جامعة الملك فيصل
Nov 2022 - present	منسق البوابة الإلكترونية، قسم الجغرافيا، كلية الآداب، جامعة الملك فيصل
2014-Present	Reviewer for many scientific Journals: Geocarto International (Taylor & France); Geomatics, Natural Hazards & Risk (Taylor & France); Journal of King Saud University-Science (Elsevier); International Journal of Water Resources and Environmental Engineering (Academic Journals); African Journal of Agricultural Research; Journal of Ecology and the Natural Environment; International Letters of Natural Sciences (SciPress); International Journal of Geography and Regional Planning (Premier Publishers): Journal of Geographical Information System (JGIS- scirp); GIScience-Remote Sensing (Taylor & France); Cogent Food and Agriculture (Taylor & France)

Dec-2022 - present	عضو الجمعية العالمية للتطوير والتنمية – اليابان International Society for Development & Sustainability
2020-2021	عضو اللجنة المكلفة برئاسة رئيس قسم الجغرافيا للعام ٢٠٢٠-٢٠٢١ لتطوير معامل قسم الجغرافيا وانشاء معمل للتحليل المعمل للتربة والعينات الجيولوجية، كلية الشريعة والدراسات الإسلامية، جامعة الامام محمد بن سعود الإسلامية.
2010-2011	عضو فريق مشروع تحديث قاعدة بيانات الغطاء الأرض Sudan Land Cover Update عبر تطبيق FAO mapping software and implementation of LCCS methodology
2015-2016	عضو لجنة إعادة توصيف المقررات ببرنامج ماجستير العلوم في نظم المعلومات الجغرافية والاستشعار عن بعد، كلية علوم الجغرافيا والبيئة، جامعة الخرطوم، السودان.
2014-2015	عضو لجنة إعداد منهج لبرنامج ماجستير العلوم في نظم المعلومات الجغرافية (Geomatics)، جامعة المستقبل، السودان.
Since 2014	عضو الجمعية الجغرافية السودانية للعلوم الجيومكانية A Committee Member of the Sudanese Geo-Informatics Society (SGS)
2014	Contributing author to the first report of the Medical City Site Selection project, the University of Khartoum, Faculty of the architect, Sudan”.
2014-2015	Contributing author to the first and second reports of the Project “El-Obeid Medical City Project Developed criteria, tools, and methods necessary to select the appropriate site of the proposed El-Obeid Medical City (North Kordufan State) use Multi-Criteria Evaluation (MCE), analytical hierarchical process (AHP) and GIS modelling.
2016	Contributing author to the first report of the project “Sudan Sustainable Natural Resources Management (SSNRMP)”.
2011-2014	شاركت كعضو مستشار متخصص في عدد من المشاريع العلمية: <ul style="list-style-type: none"> • Western Sudan Land Degradation Project. • Greater Khartoum Geo-Database Creation Project. • Provision of technical support project to mapping activities of the Emergency Rehabilitation and Coordination Unit (ERCU) in Northern Sudan, FAO under the umbrella of the Food Security and Agriculture Information System. • Kordufan Land Resources Information Database project, for Planning, Development, and Management of Rangeland (in collaboration with the International Fund for Agricultural Development, IFAD). • Sudanese drainage system database project. • Sudan Land use/land cover update project, implemented with FAO (duties were using MadCAT software to interpret and mapping land use/cover features for all Sudan sates).
2021-2022	عضو المشروع الممول من وحدة البحوث بجامعة الامام محمد بن سعود الإسلامية بعنوان: المرتكزات الهيدروجيومورفولوجية لدعم رؤية ٢٠٢٢ في الحفاظ على أراضي المملكة من الأخطار البيئية. رقم المشروع (٠٠٥-٠٠٨-١١-١٨).
2016-2022	Responsible for Organization and planning of training courses in GIS and Remote Sensing: "4-training courses were organized" at Imam Mohammad Ibn Sudan Islamic University, Department of Geography

<p>عنوان البحث والناشر ومكان النشر و رقم العدد والتاريخ و رقم الصفحة Article title, journal name, place of publication, page no, year of publication , volume no</p>	<p>اسم الباحث Author(s) / (الباحثين)</p>
<p>Quantitative Assessment of Land Sensitivity to Desertification in Central Sudan. In: Mashaal M.AISau (edit), Application of Space Techniques on the Natural Hazards in the MENA Region. Springer. Chapter 18. 419-446, 2022.</p>	<p>Abdelrahim Salih & Abdelhaleem A. Hasaballa</p>
<p>Chapter Book: The Tuti Island Winter School (Khartoum, Sudan): The Learning Experience. In: Roser Manzanera Ruiz (edit) Location: Jartm: Experiences Internacionales de cooperacion Universitaria de desarrollo Desde el group Coimbra/coord. ISBN 9788433859105, pp.167. Language: Multiple, 2016.</p>	<p>Yassin Mohamed Abbas & Abdelrahim Salih</p>
<p>Chapter Book: "An Insight into the Stability of Major Agro-food Resources over Saudi Arabia's Outskirts". In: Adam E.Ahmed, Jameel. M.Al-Khayri, Azharia A.Elbushra (Editors), Food and Nutrition Security in the Kingdom of Saudi Arabia. Vol 1: National Analysis of Agricultural and Food Security. Springer. 2023</p>	<p>Abdalhaleem Hasaballa & Abdelrahim Salih</p>
<p>Mapping desertification degree and assessing its severity in Al-Ahsa Oasis, Saudi Arabia, Using remote sensing-based indicators. Arabian Journal of Geosciences. https://doi.org/10.1007/s12517-021-06523-7, Springer, 2021</p>	<p>Abdelrahim Salih, Abdalhaleem A. Hassaballa & Eltaib Ganawa</p>
<p>Spatial Analysis of Rangeland's Vegetation Intensity as related to Selected 1 Physical Soil Variable Over ABQAIQ Municipality of Saudi Arabia. Journal of Biological Science. https://doi.org/10.1016/j.sjbs.2020.11.060, Elsevier, 2020</p>	<p>Mohamed I.Alzarah, Abdalhaleem A.Hassaballa & Abdelrahim Salih</p>
<p>Spectral mixture analysis (SMA) and change vector analysis (CVA), using Landsat imagery. The Egyptian Journal of Remote Sensing and Space Science, 20, S21-S29.http://dx.doi.org/10.1016/j.ejrs.2016.12.008, Elsevier, 2017</p>	<p>Salih, A.A., Ganawa. E.T., & Elmahl, A.A.</p>

Remote Sensing for Detection and Assessment of Forests and Range Lands Degradation in Al-Halba Area White Nile State Sudan (1973-2014). Sudan Geographical Journal. University of Khartoum, Faculty of Geographical and Environmental Sciences, 1(1), 2015	Wadi. E. I, Salih, A. A., &Elfaig, A. H.
Hydrological Studies in the White Nile State in Sudan. The Egyptian Journal of Remote Sensing and Space Science, 20, S31-S38. http://dx.doi.org/10.1016/j.ejrs . 2016.12.004, Elsevier, 2017	Salih, A. A. Hamid. A. A
Integration of Geo-Spatial Techniques for Desertification Impact Assessment on Agricultural Lands in El-Qutynah Area, Sudan. International Journal of Environmental Monitoring and Protection, 4(2)6, 2017	Salih, A. A. M, Ganawa, E. S. M., Elfaig, A. H. I, Hilmi, H. S. M
Accuracy Assessment of Land Use and Land Cover Classification (LU/LC) Case study of Shomadi area-Renk County-Upper Nile State, South Sudan. International Journal of science and research publication, 3(5), 1-6, 2013	Abubaker, H. M., Elhag, A. M. H., Salih A. M
Satellite monitoring of land and vegetation around Salalah City, Oman. Journal of Geophysics and Remote Sensing. International Conference on Environmental Engineering and Remote Sensing. Atlantic Press, 2015	Ramadan, E & Salih, A
Using Remote Sensing and GIS Techniques to Evaluate the Sand Reservation Project in Al-Ahsa Oasis. The Scientific Journal of King Faisal University. Basic and Applied Sciences. Volume (21), issues (2), 2020. https://doi.org/10.37575/b/geo/2139	Abdelrahim Abdelmutalib MohamedSalih, Saeed Mohammed Al-Qarni, and Abbass Eltayab Babiker
المرتكزات الهيدروجيوميومورفولوجية لدعم رؤية ٢٠٣٠ في الحفاظ على أراضي المملكة من الأخطار البيئية. مجلة البحوث الأمنية، ٢٠٢٢ (قبل للنشر).	عباس الطيب بابكر، عبد الرحيم عبد المطلب محمد صالح
تحديد الخصائص المورفومترية لحوض وادي الرواكيب باستخدام نظم المعلومات الجغرافية، المجلة العربية لنظم المعلومات الجغرافية، الجمعية الجغرافية السعودية، المجلد الرابع العدد (٢)، ٢٠١١	عبد الرحيم عبد المطلب محمد صالح وبدر الدين طه عثمان
Steps Sudan must take to prevent future flood destruction, The Conversation, 2020	Abdelrahim Salih
Annual Conference of Postgraduate Studies and Scientific Research-Humanities and Educational Studies, University of Khartoum, (Oral presentation). 25-28 February 2013.	Salih, A

The first Occasional GIS Symposia, Towards Better Planning and Management of Development (Oral presentation), University of Khartoum, Faculty of Geographical and Environmental Sciences, 27th May 2014.	Salih, A
The annual meeting of GIS and remote sensing "GRASF 2015" in Survey, Geodesy, Seismology, UAE-Dubai municipality, 15-17 February 2014.	Salih, A
International Workshop on Drought Monitoring, Assessing and Planning under Global Climate Change”, (Poster presentation), Beijing China 2012.	Salih, A
Using moderate resolution imaging spectroradiometer data to evaluate drought impacts on vegetation cover in the Sahel: A study from Sudan (2000 – 2015) (Poster Presentation). The 10 the Scientific conference of the National Centre for Research, Khartoum, Sudan	Salih, A. ; Eltjany, M.; Elkalifa, S.
Water Harvesting Techniques/Practices used in different parts of Sudan from Perspective of Remote Sensing and GIS (Oral presentation). Second International Forum on Water Harvesting and its Social, Economic and Environmental Impacts, Sudan.	Salih, A. A. M.; Anwar S. A.
Operational System of Flood Monitoring and Damage Assessment Using Space Technology, The Case Study of East of Nile in Khartoum State, Sudan ISNET/CSE workshop on Space Technology for Food Security (Available in the proceeding), Dakar – Senegal.	Salih, A. A. M.; Ibrahim, D. E.
Analysis of Remotely Sensed Data for Detecting and Mapping the Changes of Agricultural Lands in Al-Ahssa Oasis, Saudi Arabia Using GIS and Image Processing Software (Oral presentation). The 12 th GIS Symposium in Saudi Arabia, Dammam, 2018.	Saeed Algarniy, Abbas Babeker, Salih, A
Urban Development and Deforestation: Evidence from El-Obeid Town (1970-2010).U of K – Annual Conference of Postgraduate Studies and Scientific Research- Humanities and Educational Studies, Khartoum, Sudan.	Eltom, I.M., Elfaig, A.H.I.; Salih, A. A. M
Detection, Mapping and Assessment Change in Urban and Croplands Area in Al-Hassa Oasis, Eastern Region in Saudi Arabia Using Remote Sensing and Geographic Information System. Journal of Geographic Information System, 2018 .10(6). 659-685. http://dx.doi:10.4236/jgis.2018.106034	Alqarni, S., Babiker, A., & Salih, A.
Soil Capability Assessment and Mapping in Soba Agricultural Scheme (Sudan), Journal of Science space technology, 2015	Elfayad Mohamed , Eltaib S. Ganawa , Abdelrahim A. M. Salih

ملصق (Poster) بعنوان " رصد وتخطيط المناطق ذات الهشاشة البيئية بواحة الاحساء: تصميم نموذج باستخدام نظم المعلومات الجغرافية" للمشاركة في مسابقة أفضل ملصق بمناسبة: " اليوم العالمي لنظم المعلومات الجغرافية ٢٠٢١" خلال الفترة من ٢٨ أكتوبر - ٢١ نوفمبر ٢٠٢١، مركز أبحاث الاستشعار عن بعد ونظم المعلومات الجغرافية بجامعة السلطان قابوس.	عباس الطيب بابكر، عبد الرحيم صالح
Dynamics of human activities and its impact on land use land cover (LULC): A case study of Shomadi area at Renk County-Upper Nile State. Science Journal of Environmental Engineering Research, 2012. http://doi.10.7237/sjeer/139 .	Haroun, Abubaker M. Adam, M. A. Dawood, I. M. Fangama, Abdelrahim M. Salih
Rainfall Variability in the Sahel: A study from Sudan (1970-2010). International Journal of Scientific and Research Publications, 2013 3(11), 343.	Elfaig, A. H., Eltom, I. M., & Salih, A.
Land Degradation Assessment in Rawashda Area, Gedaref State–Sudan, using Remote Sensing Techniques, GIS and Soil Techniques. International Journal of Scientific and Research Publications, 2014, 4(2), 1-9.	Adam, A. H. M., Elhag, A. M. H., Salih, A. M. , & Adam, S.
Wildlife habitat suitability analysis at Serengeti National Park (SNP), Tanzania case study Loxodonta sp. J Ecosyst Ecogr, 2015, 5, 164. http://dx.doi.org/10.4172/2157-7625.1000164 .	Sanare, J. E., Ganawa, E. S., & Salih A.
تحديد الخصائص المورفومترية لحوض وادي الرواكيب باستخدام نظم المعلومات الجغرافية _ المجلة العربية لنظم المعلومات الجغرافية بجامعة الملك سعود، السعودية، ٢٠١١.	عبد الرحيم صالح
Classification and mapping of land cover types and attributes in Al-Ahsaa Oasis, Eastern Region, Saudi Arabia Using Landsat-7 Data. Journal of Remote Sensing & GIS, 2018, 7, 228. http://dx.doi:10.4172/2469-4134.1000228 .	Salih, A.
Consistency Measurement for Different-Scale Satellite Datasets Applied on Vegetation Assessment: Case Study Al-Ahsa Province, Saudi Arabia. Advances in Bioresearch, Vol(5) issue 3, 2021	Abdelrahim Salih, Abdalhaleem A. Hassaballa, Yasin Elhadary
Geospatial-based analytical hierarchy process (AHP) and weighted product model (WPM) techniques for mapping and assessing floods susceptibility in the Wadi-Hanifah drainage basin, Riyadh region, Saudi Arabia, Journal of Natural Hazards, Springer, Under Review (Expected on 2023)	Abdelerahman M. Ali; Abdelrahim Salih; Abdalhaleem A. Hassaballa

الاسم: عبد الرحيم عبد المطلب صالح ١٤٤٤/٠٦/٠٥ هـ ٢٠٢٢/١٢/٢٨ م

التوقيع:

