



## Published and Accepted Research Papers of Faculty Members for the Academic Year 2024–2025

No.	Research Title	Status	1st Author	2nd Author	3rd Author	Journal	Year	Research Link
1	Extracting the hydrological characteristics of the city of Dohuk using the (SCS – CN) model.	Published	Hussein Ali Rasheed	Suhaib H. Khudhur	-	Midadaladab Journal	2024	<a href="https://midad-aladab.org/index.php/midadaladab/article/view/1471">https://midad-aladab.org/index.php/midadaladab/article/view/1471</a>
2	Cartographic representation of the natural characteristics of Bashiqa district	Published	Mohammed Abbas Hassan	Lamia Hussein Ali	-	Journal of Education for the Humanities	2024	<a href="https://iasj.rdd.edu.iq/journals/journal/article/9032">https://iasj.rdd.edu.iq/journals/journal/article/9032</a>
3	representation maps of the physical characteristics of the soils of the Bashiqa area.	Accepted	Mohammed Abbas Hassan	Lamia Hussein Ali	-	Iraqi Journal of Earth Sciences	2025	-
4	Extracting the geometric and morphometric measurements of the Grwat Abra Valley Basin	Published	Suhaib H. Khudhur	Zainab Ismail Abdulwahab	-	Journal of Education for Humanities	2025	<a href="https://jeh.uomosul.edu.iq/article_187243.html">https://jeh.uomosul.edu.iq/article_187243.html</a>
5	Sustainability of Mount Zawa in Duhok: A Physical Geography Study Using the SWOT Tool	Published	Lailav Dshwar Mohammed	-	-	Tikrit University Journal for Humanities	2024	<a href="https://cedh.tu.edu.iq/index.php/alakhbar/mjlt-jamt-tkryt-lllwm-alansanyt-tdsr-ddha-althany-shr-llam-2024">https://cedh.tu.edu.iq/index.php/alakhbar/mjlt-jamt-tkryt-lllwm-alansanyt-tdsr-ddha-althany-shr-llam-2024</a>
6	Natural characteristics of agriculture in light of sustainable development of Duhok city	Published	Lailav Dshwar Mohammed	-	-	Tikrit University Journal for Humanities	2025	<a href="https://iasj.rdd.edu.iq/journals/uploads/2025/03/09/e2b897a7e6b307f84f3aebcf101c9df0.pdf">https://iasj.rdd.edu.iq/journals/uploads/2025/03/09/e2b897a7e6b307f84f3aebcf101c9df0.pdf</a>
7	Estimating flood risks using the morphometric rank method / the northern Erbil basin as a model	Published	Suhaib H. Khudhur	Iman Yaseen Suleiman	-	Diyaala Journal for Human Research	2024	<a href="https://doi.org/10.57592/ejg9zx81">https://doi.org/10.57592/ejg9zx81</a>



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8	The Pace and Economic Quality of Kirkuk International Airport (a Study in Transport Geography)	Published	Mohammed Hashem Thanoon	-	-	Journal of Humanities / College of Education for Humanities	2024	<a href="https://iasj.rdd.edu.iq/journals/uploads/2025/02/04/3db44548cd10830f8d24dd80b9e7d137.pdf">https://iasj.rdd.edu.iq/journals/uploads/2025/02/04/3db44548cd10830f8d24dd80b9e7d137.pdf</a>
9	Building a virtual model of the street network in the city of Mosul using artificial intelligence	Accepted	Alaa Hikmat Ahmed	Lamia Hussein Ali	Manhil A. Hammadi	Journal of Education for Human Sciences	2025	-
10	Transportation and Space Development: Wana District as a Sample	Published	Mohammed Hashem Thanoon	-	-	College of Basic Education Researchers Journal	2025	<a href="https://berj.uomosul.edu.iq/article_186432_985d7b08c501044118de8d8267cb59fb.pdf">https://berj.uomosul.edu.iq/article_186432_985d7b08c501044118de8d8267cb59fb.pdf</a>
11	Sustainability of Mount Zawa in Duhok: A Physical Geography Study Using the SWOT Tool	Published	Lailav Dshwar Mohammed	-	-	Tikrit University Journal for Humanities	2024	<a href="https://iasj.rdd.edu.iq/journals/uploads/2025/02/16/0052277e0707e0cfaee9a70f4ab7b73.pdf">https://iasj.rdd.edu.iq/journals/uploads/2025/02/16/0052277e0707e0cfaee9a70f4ab7b73.pdf</a>
12	Spatial relationships between the road network and the size of urban settlements in Tal Afar district	Accepted	Mohammed Matrouk Khalaf	Mohammed Hashem Thanoon	-	Journal of Education for Humanities	2025	-
13	Flood Risk Vulnerability Detection based on the Developing Topographic Wetness Index Tool in Geographic Information System	Published	Rayan Ghazi Thanoon	Omar Abdullah Ismail	-	IOP Conference Series: Earth and Environmental Science	2024	<a href="https://iopscience.iop.org/article/10.1088/1755-1315/1300/1/012012">https://iopscience.iop.org/article/10.1088/1755-1315/1300/1/012012</a>
14	Spatial modeling of accessibility and transportation movement for the contract of the motorway network (Zakho district as a model)	Accepted	Muhanad Abdul Mahmoud Ahmed	Mohammed Hashem Thanoon	-	Journal of Education for Humanities	2025	-



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15	GIS Application for Creating Potential Flood Map Using AHP: A Case Study in Chaq-Chaq Valley, Sulaymaniyah City, Kurdistan Region, Iraq	Published	Azhar Kh. Bety	Omar A. Ismaeel	Azad Sangawi	Iraqi geological journal	2024	<a href="https://igi-iraq.org/igi/index.php/igi/article/view/2392">https://igi-iraq.org/igi/index.php/igi/article/view/2392</a>
16	Geo-economic dimensions of the spread of the Corona pandemic	Published	Mohammed Saleh Abbas	.	.	South Eastern European Journal of Public Health	2025	<a href="https://www.seejph.com/index.php/seejph/article/view/4578">https://www.seejph.com/index.php/seejph/article/view/4578</a>
17	The Geographical Spread of Terrorism in Iraq and Demographic Challenges: A Reading in Political Geography	Accepted	Mohammed Saleh Abbas	.	.	Ur Journal of Humanities	2025	-
18	Geo-economic Development road in Iraq ( (Railway Transportation as	Accepted	Mohammed Hashem Thanoon	Riyadh Juma'a Khalaf	-	Journal of Education for Humanities	2025	-
19	Assessing the sensitivity of groundwater to pollution in Mosul city using the "DRASTIC" model and within a geographic information systems (GIS) environment	Accepted	Suhaib H. Khudhur	Noor Mawlood Abd	-	Iraqi National Journal of Earth Science (INJES)	2025	-
20	Regional land transport networks in Iraq between the expected role and the foreseeable future	Published	Hareth Mohammed Thanoon	Mohammed Hashem Thanoon	-	Journal of Education for Humanities	2025	<a href="https://www.researchgate.net/publication/389210251_shbkat_alnql_albry_alaglymyt_fy_alraq_byn_aldwr_almtwq_walmstqbl_almnzwr#fullTextFileContent">https://www.researchgate.net/publication/389210251_shbkat_alnql_albry_alaglymyt_fy_alraq_byn_aldwr_almtwq_walmstqbl_almnzwr#fullTextFileContent</a>





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21	Groundwater vulnerability modeling to pollution using the DRASTIC method. A case study of Erbil city	Accepted	Suhaib H. Khudhur	Kamal Ibrahim Rasheed	-	Iraqi National Journal of Earth Science (INJES)	2025	-
22	Building a virtual model of the street network in the city of Mosul using artificial intelligence.	Accepted	Alaa Hikmat Ahmed	Lamia Hussein Ali	Manhil A. Hammadi	Journal of Education for the Humanities	2025	-
23	Calculation and Analysis of the Atmospheric Clarity Factor for the City of Mosul	Published	Khudhur Jasim Mohammed	-	-	Kirkuk University Journal of Humanities Studies.	2024	-
24	The Thermal Balance of the Human Body in Nineveh Governorate: A Study in Applied Climatology	Published	Khudhur Jasim Mohammed	-	-	Journal of Tikrit University for Humaninies	2024	<a href="https://aladabj.uobaghdad.edu.iq/index.php/aladabjournal/article/view/752/751">https://aladabj.uobaghdad.edu.iq/index.php/aladabjournal/article/view/752/751</a>
25	Using Certain Climatic Indicators to Determine Comfort Zones: A Case Study of Mosul City	Published	Khudhur Jasim Mohammed	-	-	Basrah and Arab Gulf studies center Arabian Gulf Journal	2024	<a href="https://agj.uobasrah.edu.iq/index.php/agj/article/view/367/323">https://agj.uobasrah.edu.iq/index.php/agj/article/view/367/323</a>
26	The spatial relationship between population growth and the increase in private schools in the city of Mosul	Published	Wisam Abdullah Hussein	Nashwan Ali Hammadi	-	Journal of the University of Babylon for Humanities	2024	<a href="https://iasj.rdd.edu.iq/journals/uploads/2025/01/05/a682cc3b5f56e88c12041536f69d9205.pdf">https://iasj.rdd.edu.iq/journals/uploads/2025/01/05/a682cc3b5f56e88c12041536f69d9205.pdf</a>
27	Measurement of Urban Sprawl for City Centers in Mosul District	Published	Mahmoud Amin Mohammed	Saad Salih Khudhur	-	Journal of Tikrit University for Humanities	2024	<a href="https://iasj.rdd.edu.iq/journals/uploads/2024/12/12/a71336a412c47ce9d213dd12fcd9f5de.pdf">https://iasj.rdd.edu.iq/journals/uploads/2024/12/12/a71336a412c47ce9d213dd12fcd9f5de.pdf</a>



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28	Spatial Modeling of Slope Stability in the Lower Zab River Basin	Published	Mohammed Ibrahim Ghathwan	-	-	College of Basic Education Research Journal	2024	<a href="https://iasj.rdd.edu.iq/journals/uploads/2024/12/03/0de408cca3a841e4fa6472b0cab9d17b.pdf">https://iasj.rdd.edu.iq/journals/uploads/2024/12/03/0de408cca3a841e4fa6472b0cab9d17b.pdf</a>
30	Geomorphic Characteristics of The Tigris River Islands Between The Wana Regulatory Dam And Badoush Dam	Published	Mohammed Ibrahim Ghathwan	Saad Salih Khudhur	-	College of Basic Education Researches Journal	2024	<a href="https://iasj.rdd.edu.iq/journals/uploads/2025/01/09/1b9005329f7b777d9ae3f72b11065b3d.pdf">https://iasj.rdd.edu.iq/journals/uploads/2025/01/09/1b9005329f7b777d9ae3f72b11065b3d.pdf</a>
31	The urban morphological stages of the city of Sinjar	Accepted	Shaimaa Mahmoud Mohammed	Saad Salih Khudhur	-	Journal of Education for Humanities	2025	-
32	The spatial changes in urban land uses in the city of Telkeif	Accepted	Iman Daa Darwish	Saad Salih Khudhur	-	Journal of Education for Humanities	2025	-
33	Desertification Resistance through the Southwestern Green Belt in Nineveh Province: A GIS-Based Model"	Published	Asmaa Khalid Jirjees	-	-	Diyala Journal of Humanities Research	2024	-
34	"Spatial Analysis of Health Services in Al-Hamdania City Using Geographic Information Systems	Accepted	Hakam Muhannad	Asmaa Khalid Jirjees	-	Journal of Educational Sciences and Humanities	2025	-
35	Measuring thermal comfort levels using the heat-humidity index in Dohuk Governorate for the period 2010-2023	Accepted	Khudhur Rasheed Abdulrahman	Sabah Omar Suleiman	Rakan Sultan Mustafa & Yasmin Fawzi Ghaib	Faculty of Education / Wasit University	2025	-



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36	the Impact of Scaffolding Education Strategy the Development of their Mental Alertness Fifth Grade Literary Students	Published	Osama Mohammed Amin	Lujain Salem Mustafa		Journal of Education for Human	2025	<a href="https://iasj.rdd.edu.iq/journals/uploads/2025/03/02/9798c5657bc1b971d1650f00b2227583.pdf">https://iasj.rdd.edu.iq/journals/uploads/2025/03/02/9798c5657bc1b971d1650f00b2227583.pdf</a>
37	The Concept of Rivers in Arab-Islamic Civilization in the Third Century AH: A Study in Geographical Thought	Published	Mousa Sarhan Mousa	Hiba Salem Yahya Al-Sultan		Journal of ADAB AL_BASRAH	2025	<a href="https://iasj.rdd.edu.iq/journals/journal/issue/15301">https://iasj.rdd.edu.iq/journals/journal/issue/15301</a>
38	Natural Geographical Ideas in Modern Schools (A Study in Geographical Thought)	Accepted	Hiba Salem Yahya	-	-	Journal of Education for the Humanities	2025	-
39	Determining the seasonal drought north of the latitude 34 degree in Iraq for the period (1991-2022)	Published	Hajer Haidar Qasim	-	Sara Badr Hussein	Journal of Education for the Human Sciences	2024	<a href="https://www.iasj.net/iasj/issue/19102">https://www.iasj.net/iasj/issue/19102</a>
40	Characteristics of dry seasons in Iraq	Accepted	Riyadh Mohammed Fathi	-	Sara Badr Hussein	Journal of Education for the Human Sciences	2025	-
41	Air quality assessment by daily estimation of ground-level PM2.5 concentrations over Baghdad City using MODIS AOD data	Accepted	Khudhur Abdulrahman	-	-	Air Quality, Atmosphere & Health	2025	DOI : 10.1007/s11869-025-01752-1