



Graduation Research Projects and Academic Supervisors of Fourth-Year Students Academic Year 2023–2024

No.	Student Name	Research Title	Supervisor
1	Ibrahim Ahmed Jasim Al-Hussein	Surface Runoff Curve Number (CN) for Urban Surfaces: A Case Study of the University of Mosul	Prof. Dr. Sohaib Hassan Khudhur Al-Omari
	Wisam Mashaan Talib Al-Zahir		
2	Ibrahim Saleh Jidou	Preparation of the Decimetric Map in Practical Application and Updating	Prof. Dr. Lamyaa Hussein Ali Al-Sabawi
	Ibrahim Mohammed Jasim Al-Hameed		
3	Ahmed Ismail Fathi Al-Hadidi	Thematic Map: Concept and Preparation	
	Raed Aziz Hamad Al-Luhaibi		
4	Ahmed Aziz Ahmed Al-Mohammed	Geostrategic Importance of the Black Sea in the Global Competition Map	Prof. Dr. Ahmed Hamed Ali Al-Obaidi
	Rahma Saleh Askar Al-Bijwani		
5	Areej Luqman Suleiman Al-Abadi	Metallic Mineral Wealth Resources in the Arab World: A Political Geography Study	
6	Areej Luqman Suleiman Ahmed Al-Abadi	Social Interaction Among Students of the Geography Department – College of Education for Humanities in Light of Certain Variables	Prof. Dr. Rana Ghanem Hamed Al-Taie
	Esraa Hussein Ali Al-Suwaifi		



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No.	Student Name	Research Title	Supervisor
7	Eman Jasim Mohammed Al-Hawash	Cognitive Flexibility Among Students of the Geography Department – College of Education for Humanities in Light of Certain Variables	Prof. Dr. Rana Ghanem Hamed Al-Taie
	Asawer Laith Taha Al-Obaidi		
8	Askan Qolu Shivan Khalaf	Mechanism and Movement of Subsurface Water	Asst. Prof. Dr. Fawaz Hameed Hamu Al-Nish
	Aram Masoud Khalaf		
9	Asmaa Saleh Mohammed Najm	Causes of Climate Change	
	Ashraf Moataz Ibrahim		
10	Afraha Jasim Saleh Ibrahim Al-Hadidi	Examination Anxiety Among Students of the Geography Department – College of Education for Humanities in Light of Certain Variables	Asst. Prof. Dr. Lujain Salem Mustafa Al-Shukrji
	Amina Aref Mohammed Salam		
11	Amina Taha Khairallah Al-Obaidi	Learning Motivation Among Students of the Geography Department – College of Education for Humanities in Light of Certain Variables	
	Areej Luqman Suleiman Al-Abadi		
12	Amina Jirido Rizkan Shamo	Investment Potential of Al-Khoser River in Mosul City	Asst. Prof. Dr. Sahar Saeed Qasim Al-Taie
	Khalid Kamo Khalaf Al-Maskani		



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No.	Student Name	Research Title	Supervisor
13	Raghad Ziyad Ghanem Hamoka	Monitoring Environmental Changes in Mosul City	Asst. Prof. Dr. Sahar Saeed Qasim Al-Taie
	Aya Ali Mohammed Al-Najmawi		
14	Aya Fathi Taha Al-Zubaidi	Problems of Mathematical Representation of the Earth's Spherical Surface	Asst. Prof. Dr. Laith Hassan Omar Al-Silivani
	Aya Mohammed Mustafa Al-Maamari		
15	Munhal Khalid Abdullah Al-Kanu	Cartographic Representation of Population Censuses in Iraq	
	Esraa Ammar Talal Abdullah		
16	Toqa Talal Abdul Razaq	The Potential of Artificial Intelligence in Enhancing Future Climate Change Forecasts	Asst. Prof. Ahed Thanoon Shihab Al-Hamami
	Toqa Nashwan Ghazi Abd		
17	Amina Jirdo Rizkan Shamo	The Role of Artificial Intelligence in Developing Geographical Studies	
	Hussein Shakir Mahmoud		
18	Eman Abbas Abdulqader	Development of Maritime Transport Capabilities in Iraq	Asst. Prof. Dr. Mohammed Hashem Thanoon Al-Hayali
	Eman Abdul Razzaq Mandil		



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No.	Student Name	Research Title	Supervisor
19	Enas Nazem Mohammed Al-Taie	Spatial Variation of the Road Network Junctions in Nineveh Governorate	Asst. Prof. Dr. Mohammed Hashem Thanoon Al-Hayali
	Enas Hamad Adnan Abdulhadi		
20	Aya Mohammed Ghanem Al-Abdali	Climate Change and Its Environmental Effects	Asst. Prof. Dr. Khalid Satam Atiyah Al-Jubouri
	Maryam Ammar Salah		
21	Baraa Jasim Mohammed Al-Ballah	Study of Drought Phenomenon in Iraq	
	Baraa Mohammed Mamdouh Al-Hayali		
22	Hussein Mubashir Hamid	Cartographic Representation of Iraq's Population Using Geographic Information Systems	
	Muna Abdullah Mahmoud Abdullah		
23	Muna Abdullah Marefov	Production of Geographical Knowledge from Digital Elevation Model in GIS	
	Mustafa Jasim Hamad Khalaf		



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No.	Student Name	Research Title	Supervisor	
24	Moamen Mohammed Idris Jargis	Functional Utilization Efficiency of Open Recreational Spaces in Dohuk City	Asst. Prof. Dr. Saad Saleh Khudhur Al-Obaid	
	Doaa Khairy Hussein Al-Mazouri			
25	Shahad Nowzad Hassan Shikho	Visual Exposure in Multi-Storey Residential Buildings: Dohuk City as a Model		
	Shaimaa Sabah Faris Younis			
26	Taybah Hardan Suleiman Bakr	Small-Scale Manufacturing Industries in Iraq and Their Problems	Asst. Prof. Dr. Ahmed Talal Khudhur Al-Taie	
	Abdullah Younis Ibrahim Ismail			
27	Nora Safwan Yousif Sadiq	Environmental Effects of Manufacturing Industries in Iraq: Selected Models		
	Hiba Osama Younis Al-Sumaidaie			
28	Shahad Saddam Majid	Spatial Correlation Between Service Geography and Urban Distance		Asst. Prof. Dr. Nashwan Mahmoud Jasim Al-Zaidi
	Dilvin Idris Mousa			
29	Manal Neamat Sultan	Surface Water Pollution in Mosul City: Tigris River as a Model		
	Rania Sameer Ghanem Al-Nasiri			



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No.	Student Name	Research Title	Supervisor
30	Toqa Azzam Sheet	The Moon's Influence on Earth's Weather	Lect. Dr. Sura Badr Hussein Al-Najmawi
	Haneen Khalil Ramadan		
31	Montaha Abdul Amir Abbas	Fog and Its Environmental Effects Worldwide	
	Jaafar Mohammed Saadoun		
32	Hatim Abdul Karim Mohammed	Manufacturing Industries in Nineveh Governorate: Reality and Problems	Lect. Dr. Muhareb Khalaf King Al-Maamouri
	Hassan Khalaf Hassan Shikho		
33	Hassoun Turki Shayoot	The Reality of Manufacturing Industries in Iraq After 2003	
	Hamad Shafi Taees		
34	Saja Saeed Ali	Hydrology of Wadi Shalgha Basin	Lect. Dr. Shaimaa Thamer Jawad Al-Ameri
	Saad Aswad Ahmed		
35	Anwar Bassam Jasim	Hydrology of Wadi Shemamok Basin	
	Sameera Gharbi Hameed		
36	Dalal Idris Qasim Omar	Hydrology of Wadi Dibka Basin	
	Dalal Kanaan Ahmed Al-Jassim		



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No.	Student Name	Research Title	Supervisor
37	Ahmed Mahmoud Ahmed Jasim Al-Badrani	Climatic Water Balance in Erbil Station	Lect. Dr. Khudhur Jasim Mohammed Al-Obaidi
	Arshad Jawhar Ahmed Afdel		
38	Rahma Omar Mohammed Rwoshiban	The Economic Role of the City of Qinnasrin	
	Rusel Salah Hamo Hassan		
39	Rasha Bilal Mohammed Al-Obaidi	Economic Activity in Andalusia (138–316 AH)	Lect. Dr. Firas Ghanem Mohammed
	Yousif Younis Yousif Omar		
40	Ubaida Ahmed Aafat Mahmoud Al-Haykal	Impact of Physical Geography on the Conquest of the Maghreb	
41	Malak Essam Salim Othman Al-Sarhan		
42	Azhar Ahmed Saleh Ali Al-Taie	Geographical Thought of Dr. Mudar Khalil Al-Omar in His Book 'Essays in Contemporary Geographical Thought'	Lect. Dr. Hiba Salem Yahya Al-Sultan
	Fityan Ali Wiss Hassoun Al-Azzawi		
43	Raghad Hassan Fathi Sultan Al-Bajari	Geographical Thought of Dr. Shakir Khisbak in His Book 'Geography Among the Arabs'	
	Eman Saadoun Younis Hassan Al-Ahmad		



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No.	Student Name	Research Title	Supervisor
44	Omar Mohammed Elias Awad Al-Rasoul	Geographical Thought of Nafis Ahmad in His Book 'Muslim Contributions to Geography'	Lect. Dr. Hiba Salem Yahya Al-Sultan
	Bilal Dhirgham Zaki Khalil Al-Allaf		
45	Mahmoud Thamer Jaru	Geographical Analysis of Health Land Use in Al-Ghufran Neighborhood	
	Ramzi Ahmed Ramzi Ghaib Al-Dulaimi		
46	Reema Khalid Hamad Abdullah	Geographical Analysis of the K.R.O Commercial Strip in Dohuk City Center	Lect. Dr. Ghada Ghanem Madeen Al-Zaidi
	Rayan Tahseen Hassan Harmoush		
47	Riyam Hamad Fathi Abdulrahman	Housing Patterns in Tel Kaif City	
	Shurooq Ahmed Hashem Marai Al-Taie		
48	Zahraa Mohammed Ibrahim Younis Al-Younis	Impact of Social Media on Regional Cultures and Its Utilization by Global Powers: A Geo-Cultural Perspective	Lect. Dr. Abdulmohsen Ahmed Ibrahim Al-Taha
	Abeer Hussein Habash Ibrahim Al-Salmo		
49	Zahraa Mohammed Mahmoud Hassan Al-Mashhadani	Role of the Environment in Shaping Population Patterns: Iraq as a Model	
	Ammar Ali Abdullah Zaid Al-Mohammed		



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No.	Student Name	Research Title	Supervisor
50	Ayman Farhan Hilal Mahmoud	Evaluation of Environmental and Developmental Measures to Preserve the Iraqi Marshes and Their Associated Cultural Heritage	Lect. Dr. Abdulmohsen Ahmed Ibrahim Al-Taha
	Ayman Wali Ali		
51	Zahraa Yaseen Taha Mohammed Brato	Geomorphological Hazards of Floods	Lect. Dr. Mohammed Ibrahim Gathwan Al-Hadidi
	Zahraa Yousif Ismail Mohammed		
52	Zainab Adeeb Ibrahim Hamadi Al-Hayali	Rapid Earth Movements and Their Effects on the Earth's Surface: Earthquakes as a Model	Lect. Dr. Mohammed Ibrahim Gathwan Al-Hadidi
	Zainab Ziyad Tareq Ismail Al-Qaisi		
53	Zainab Ali Abdullah Abdul Jabouri	Topography and Its Influence on Land Use	Lect. Dr. Wissam Abdullah Sultan
	Zainab Mohammed Abdullah Othman		
54	Sarah Talaat Mohammed Mahmoud Al-Taie	Spatial Variation in Medical Services for Newborns in Iraq (2015–2022)	Lect. Dr. Wissam Abdullah Sultan
	Salem Murad Atu Malkohji		
55	Sami Saeed Qasim Ayoub Al-Khalati	Spatial Variation in Accident Injuries Recorded in Iraqi Emergency Departments (2015–2022)	Lect. Dr. Wissam Abdullah Sultan
	Sabah Sabri Qasim Hassan		



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No.	Student Name	Research Title	Supervisor
56	Samar Hussam Al-Deen Saleh	Spatiotemporal Variation in Thermal Comfort Levels in Dohuk Governorate	Lect. Dr. Khudhur R. Abdulrahman Al-Hakeem
	Safana Luqman Ahmed Mustafa		
57	Khairiya Salah Sido Ahmed Dali	Spatiotemporal Variation in Rainfall in Dohuk Governorate	
	Dilshad Shehab Ahmed Hameed Zangana		
58	Sherehan Ido Khadida Khalaf Murad	Obstacles to Sustainable Tourism Development in Sinjar District	Lect. Asmaa Khalid Jargis
	Adel Mato Osman Qasim Al-Samouqi		
59	Saleh Ahmed Awad Saleh Abdoosh	Comparative Study Between Sulfur Springs in Hammam Al-Alil and Ayn Al-Kibrit in Mosul	
	Sabreen Sabah Dhiab Hassan Al-Taie		
60	Shahad Noor Al-Deen Khudhur Mohammed Khado	Sustainable Development of Archaeological Sites in Tal Afar District	
	Saba Mazher Ghanem Yahya Al-Jubouri		
61	Nabaa Saad Nayef Yahya Al-Ubaidi	Metamorphic Rocks	Asst. Lect. Nazzal Ibrahim Ali
	Nabaa Bassam Ahmed Matar Al-Hadidi		



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No.	Student Name	Research Title	Supervisor
62	Abdullah Salem Abdullah Saleh Al-Sultan	Geostrategic Importance of the South Caucasus Region from the Perspective of Regional Powers: Turkey and Iran	Lect. Dr. Hussein Ali Aran
	Abdullah Saleh Ahmed Jasim Al-Hussein		
63	Zahraa Ali Ahmed Mohammed Al-Jubouri	Geostrategic Location of the Caspian Sea in the Map of International Competition	
	Abeer Abdulghani Mahsoob Abdul Zaidu		
64	Taybah Iyad Mohammed Hussein Jihu	Urban Transport Potential in Selected Arab Cities in the Mashreq Region	Lect. Dr. Alaa Hikmat Ahmed
	Ghufran Uday Sameer Younis		
65	Mohammed Abdulkarim Mustafa	Functional Change and Its Impact on Urban Transport Movement in Selected Sectors of Mosul City	
	Abdulrahman Aref Mousa Salman		
66	Talal Ahmed Madbagh Hubaidi Al-Shammari	Hydrological Analysis of the Natural Characteristics of Laka Basin	Lect. Dr. Shaimaa Basim Abdulqader
	Talal Alwan Zahr Antar Al-Naaim		
67	Taha Ahmed Adnan Ali Al-Allaf	Estimation of Floods in Smaqok Basin Using Snyder Method	
	Sara Ali Yaseen		



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68	Sadiq Ahmed Mahmoud Mohammed Said	Spatial Variation in Population Growth Rates in the Arab World	Asst. Lect. Athmar Nimrod Hanna
	Safa Qahtan Adnan Mahmoud		
69	Saeb Ilyas Talib Mohammed Al-Hawa	Geopolitical and Economic Importance of Al-Faw Grand Port	
	Doha Mohammed Mahmoud Al-Juhaishi		
70	Doha Sami Thanoon Jalood Hassan	Land Border Disputes Between Iraq and Kuwait: A Study in Political Geography	
	Doha Moayad Hazem Hamdi Al-Hayali		
71	Adnan Saleh Suleiman Khalaf Al-Abbasi	Water Reality in Iraq Amid Turkish Water Projects	Asst. Lect. Mustafa Qais Hamadi
	Ammar Ghanem Hameed Hussein Al-Abdullah		
72	Ammar Saddam Nafea Jumaa Bijwani	Impact of the Turkish Ilisu Dam on Agricultural Reality in Iraq	
	Ahmed Noaman Basheer Saadi		
73	Omar Jargis Ali Mahmoud Al-Obaidi	Mubarak Port in Kuwait and Its Impact on Iraq's Maritime Gate	Asst. Lect. Nashwan Ali Hamadi Al-Hadidi
	Omar Haji Omar Hamzi Al-Samouqi		



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74	Omar Hajem Tharthar Ahmed Al-Ahmadi	Ethiopian Renaissance Dam and Its Impact on Arab Water and Environmental Security	Asst. Lect. Nashwan Ali Hamadi Al-Hadidi
	Omar Khattab Hamed Mohammed Al-Hadidi		
75	Omar Saleh Ahmed Saleh	Landslides and Their Relationship with Human Activities at the University of Mosul	Asst. Lect. Faiza Humaidi
	Ammar Hamed Mohammed Abdullah Al-Haramz		
76	Ghufran Salem Mohammed Majid Al-Obaidi	Geography of Environmental Pollution Sources in Nineveh Governorate and Their Impact on the Population	
	Faten Azzam Mohammed Ali Aziz		
77	Fathi Mohammed Hamed Nada Al-Hadidi	Environmental Impacts of Solid Waste Pollution	Asst. Lect. Mazin Abdulrazzaq Khalil
	Farah Ahmed Mohammed Kareem Al-Ahmadi		
78	Fawaz Barakat Hussein Mousa Al-Omari	Sustainable Development: Between Reality and Aspiration	
	Qasim Ali Qasim Rasho Al-Khalidi		
79	Muhannad Omar Ahmed Ghannam	Geopolitical Weight of Basra Oil and Its Future	Lect. Dr. Abdulrazzaq Khalaf Mohammed
	Yasser Ammar Saadallah Yaseen Al-Moula		



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80	Mary Ghanem Mahmoud Aboush Al-Badrani Mohammed Hussein Tamar Helish Al-Talib	Geomorphological Features of Hazima Area North of Mosul City	Asst. Lect. Murad Mahmoud Abdullah
81	Noor Qusai Sabah Hussein Al-Hayali Manar Ammar Taha Yaseen Al-Moula	Hydrological Features of Badosh Area North of Mosul City	
82	Mohammed Fadel Khudhur Al-Hameed Qasim Adnan Mohammed Al-Hadidi	Geometry and Morphometry of Wadi Spindar Basin in Dohuk Governorate Using Modern Technologies	Asst. Lect. Hussein Ali Rasheed
83	Mohammed Miqdad Khattab Al-Khalid Mohammed Haitham Ibrahim Al-Jumaili	Road Transport in Sinjar District	Asst. Lect. Dalia Haji Shamo
84	Mohammed Waad Mohammed Abdullah Suleiman Mohammed Younis Jumaa Al-Mustafa	Spatial Analysis of Road Transport Accidents in Iraq	
85	Mahmoud Ahmed Mahmoud Al-Taweel Mahmoud Hazem Saeed Abdulrahman Al-Bak	Agricultural Production of Strategic Crops in Hammam Al-Alil and Al-Shura Subdistricts	Asst. Lect. Qaisar Sami



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86	Mahmoud Jasim Mohammed Al-Shabaki	Evaluation of Agricultural Services and Their Role in Agricultural Development in Lower Zab Subdistrict	Asst. Lect. Qaisar Sami
	Jasim Khalil Hilal		
87	Abdulhamid Mahmoud Afer	Estimation of Surface Runoff Using the SCS-CN Model in Al-Shura Basin	Asst. Lect. Riham Salem Khidr
	Rashid Hameed Theeb Maroud		
88	Mahmoud Hussein Khudhur Ahmadi	Wind Element Analysis in Baiji District: A Study in Climate Geography	Asst. Lect. Yasmin Fawzi Ghaib
	Marwa Mohsen Saleh Al-Hassan		
89	Maryam Saadoun Mohsen Ahmed Aboush	Geographical Analysis of Soil Erosion in Sura Basin, Northeast Iraq	Asst. Lect. Sara Najm Abdullah
	Maryam Shakir Turki Sheikhhan Al-Dulaimi		
90	Ilan Saleh Ramadan Mohammed Al-Obaidi	Construction Industries in Nineveh Governorate: A Study in Industrial Geography	Asst. Lect. Rakan Sultan Mustafa
	Aya Hussein Sheet		
91	Mohammed Fannahi Abdullah	Choropleth Map: Concept and Preparation	Asst. Lect. Ola Basel Mahmoud
	Qais Ziyad Marai Hussein Al-Hadidi		



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92	Baan Haitham Ghanem	Weather and Climate Reading: Concept and Preparation	Asst. Lect. Ola Basel Mahmoud
	Manar Ali Othman Omar Al-Sabbagh		
93	Mayasa Khalaf Khadida Asi Al-Khalaf	Educational Services in Iraq from the Perspective of Human Development	Asst. Lect. Zaid Abd Sultan
	Maysar Mohammed Ahmed Ismail Al-Ali		
94	Nabaa Miqdad Ahmed Idris Kashmoula	Cartographic Modeling of the Al-Khoser River Basin in Nineveh Governorate	Asst. Lect. Sabah Omar Suleiman Al-Barwari
	Nabaa Safwan Abdullah Younis Al-Dulaimi		
95	Haneen Khalid Ibrahim	Key Geopolitical Implications of Rentier Economy on Iraq	Asst. Lect. Amer Sharif
	Nabeel Waad Khalaf Saleh Al-Zubaidi		
96	Noha Ghanem Yahya Qasim Al-Hayali	Three-Dimensional Mapping of the Population of Nineveh Governorate	Asst. Lect. Mohammed Makhlef Shallal
	Nawal Ibrahim Kanbi Salim Harki		
97	Noor Taj Al-Deen Jar Allah Mal Allah	Climatic Analysis of Rainfall in Mosul District (2008–2018)	Asst. Lect. Mohammed Mousa Khudhur
	Mohammed Saadoun Hussein Ali Al-Shabaki		



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98	Huda Jazaa Ismail Ibrahim	Morphological Development and Change of River Islands in the Tigris River Course Between Mosul City and Hammam Al-Alil Subdistrict (2000–2022): A Study in Applied Geomorphology	Asst. Lect. Amer Mahmoud Ahmed
	Hani Fazaa Marfoukh Mukhlef Al-Shammari		
99	Hisham Juki Ido Ali Al-Ali	Geomorphological Features of Wadi Faida: A Geographical Study	Asst. Lect. Leelav Dashwar
	Hanaa Fahd Ahmed Aboud Al-Ali		
100	Ibtihaal Abdulwahab Ahmed Hamd	Urban Features in Ibn Jubayr’s Journey: Mosul City as a Model	Asst. Prof. Dr. Mohammed Nazar Hameed
	Yousif Ali Zubeir Sultan		
101	Maha Mohammed Isa	Ethnic Distribution of the Population in Tel Kaif District, Nineveh Governorate: A Model of Peaceful Coexistence	Asst. Lect. Misha'al Fawaz Misha'al
102	Ahmed Ali Hussein Ali	Geographical Analysis of Educational Services in Zummar Subdistrict	
	Omar Abd Sultan Khalaf		