

PERSONAL INFORMATION

Sarkhel Hawre Mohammed



📍 Current address: 3530 Miskolc, Corvin utca, 17.5/1

☎ (+36) 20 808 39 27 [HU]

✉ sarkhel.geo@gmail.com

sarkhel.mohammed@univsul.edu.iq

sarkhel.hawre.mohammed@student.uni-miskolc.hu

🌐 <https://sites.google.com/a/univsul.edu.iq/sarkhel-hawre/>

Sex Male | Date of birth 14/Jan/1992 | Nationality Iraqi

PRESENT

Assistant lecturer and academic researcher - University of Sulaimani (UOS).
PhD Student - University of Miskolc

WORK EXPERIENCE

- 2022- now Researcher at Hasar Organization for Earth sciences. <https://hasar.org/>
- 2019- now Consultant and member of trustee board in Hasar Organaization
for Earth science. <https://hasar.org/>
- 2017- now Assistant lecturer and researcher at the University of Sulaimani.
- 2018- now Working as hydrogeologist engineer in groundwater exploration.
- 2018-2022 Field survey team leader of shallow geophysical investigation at Department
of geology - University of Sulaimani. <https://new22.univsul.edu.iq/>
- 2016 Internship field work 2D electrical survey 1 July- 5 Aug. University of
Sulaimani.
- 2015 Laboratory work (Sample preparation) for Total Oil company at university of
Sulaimani,
- 2014-2015 Shallow geophysical survey working as a team from University of Sulaimani.
UoS official website <http://www.univsul.edu.iq/>
- 2013-2015 I was worked two years as Assistant geology (Demonstrator) at University of
Sulaimani- Faculty of science and science education- Department of geology.
During this period, I taught the students in the laboratory the following
subjects (Structural geology, General geology, Geotechnics, Paleontology).
<https://sites.google.com/a/univsul.edu.iq/school-of-science/SCI-Depts/geology>

EDUCATION AND TRAINING

Formal Education:

- 2022-2026 PhD Student at University of Miskolc.
- 2015-2017 Studying MSc. In hydrogeological Engineering field
Faculty of Earth Science and Engineering- University of Miskolc/ Hungary
- 2009-2013 University of Sulaimani, Faculty of Science and Education
Science, B.Sc. in Geology, Sulaimani, Kurdistan Region, Iraq.
- 2006-2009 Sara preparatory School for boys, Dokan, Sulaimani, Kurdistan region, Iraq.
- 2003-2006 Kalkasmaq middle Schools for co-education, Kalkasmaq village, Dokan, Sulaimani, Kurdistan region/Iraq.
- 1997-2003 Kalkasmaq primary School for co-education, Kalkasmaq village, Dokan, Sulaimani, Kurdistan region/Iraq.

Workshop and Conference Attendance:

- 2022 Leadership program **’New Water leaders for Iraq’** A project of 6 workshop of 100hrs by elbarlament, the Project is funded by ifa (Institut für Auslandsbeziehungen) with resources provided by the German Federal Foreign Office 24th May- 30th November
- 2022 Member of **GeoKurdistan V** organizing committee (the fifth international geological conference of Kurdistan), university of Sulaimani- Kurdistan region- Iraq, 20-22nd September
<https://geo2022.univsul.edu.iq/>
- 2019 Member of **GeoKurdistan IV** organizing committee (the fourth international geological conference of Kurdistan), university of Sulaimani- Kurdistan region- Iraq, 8-10th October
- 2017 Member of **GeoKurdistan III** organizing committee, UoS- Iraq
www.geokurd.com
- 2015 Member of GeoKurdistan II (International geological conference of Kurdistan) organizing committee. www.geokurd.com
- 2015 Attending a workshop on **’Technical Cooperation between department of Geology- University of Sulaimani and Oil Companies’** held by Faculty of science and science Education University of Sulaimani 7-8 February.
- 2014 Attending a workshop on **’Some Academically Important Applications’** held by Faculty of science and science Education University of Sulaimani 24-25 December.
- 2014 Attending a workshop on **’Curriculum development’** held by Faculty of science and science Education- department of Geology University of Sulaimani 16-17 September.
- 2014 Participation in workshop **’Cleaner Environment for better future’** held by Faculty of science and science education University of Sulaimani 17th-18th May Sulaimani/Iraq.
- 2012 Participation in **GEOKURDISTAN 2012** the first geological conference in Kurdistan/Iraq 14th to 16th November

Training Course:

- 2020 **Water conflicts and conflict resolution in the Tigris and Euphrates basin**, Germany, Elbarlament organization, online 18-22th October.
- 2017 Confucius summer Chinese language course Beijing, China
- 2016 Summer internship under the title of (**Groundwater management using hydro-electrical investigation**) at University of Sulaimani 1st July- 5th August.
- 2014 Participation in Summer School training courses on '**GOCAD, Advantgeo**' software and Scientific Skill (**Soft Skill Presentation and Communication**) at **TU Bergakademie Freiberg**, Germany 21th July to 1st August.
- 2012 Participation in short course on '**Well Geology**' organized by **TPA Istanbul** 5th to 9th November.
- 2012 Summer Field training course on the '**Geology Science**' Dokan-Sulaimani 15th to 25th September.

Researches and publications:

- 2022 Hydrogeological implications of flow net map to delineate groundwater exploration site in Kalkasmaq village, Kurdistan, NE Iraq, ÚJ EREDMÉNYEK A MŰSZAKI FÖLD- ÉS KÖRNYEZETTUDOMÁNYBAN 2022 A Műszaki Földtudományi Kar konferencia kiadványa 2022. november 28th
- 2022 Awareness of Primary School Children towards Flood and their preparedness and perceptions of its risks in Sulaimaniyah City – Kurdistan Region of Iraq. IBGM Journal, In press.
- 2021 Integrated remote sensing and GIS techniques to delineate groundwater potential area of Chamchamal basin, Sulaymaniyah, NE Iraq, Kuwait Journal of Science, 2021.
- 2020 A study of mineralized water using geophysical and hydrogeochemical approaches in Khwelen salt ponds, Sangaw, Sulaymaniyah, NE of Iraq, Tikrit Journal of Pure Science, 25(5), pp.47-61, 2020
- 2020 **Landslide susceptibility assessment along Biara-Tawella road Kurdistan region- Iraq**, JZS Vol. 22 (No. 1): 2020
- 2017 Poster presentation "**Groundwater investigation using Geological Survey of selected field –Zarayan area, Sulaimanyah, NE of Iraq**" accepted on 9th Feb. 2017 by 70 Geological Congress of Turkey.
- 2016 **Genesis of sulfide ore deposits in Sharosh village, Qandil Series Kurdistan Region-NE Iraq**" Arabian Journal of Geoscience.
- 2013 Research project under title of '**Paleostress analysis from the fractures in Dokan area, Kurdistan region, NE Iraq**', University of Sulaimani.
- 2012 Poster presentation "**Fracture analysis of Dukan area**" NE of Iraq, GEOKURDISTAN I International conference.

PERSONAL SKILLS

Mother tongue(s) **Kurdish**

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English language	B2	B2	B2	B2	B2
IELTS (5.0)					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Hungarian language

	Fair	Good	Fair	Fair	Good
NO Certificate					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Arabic language

	good	good	good	good	good
No Certificate					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Chinese language

	HSK1				
Certificate from Confucius institute- University of Miskolc /A1 and From Beijing University					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Computer skills

Geological software

- Arc GIS (Arc map), Global Mapper, Modflow, Golden Software (Golden Surfer and Golden Grapher), Win-tensor - Dips Software

Rest software

- Adobe illustrator
- Microsoft office (Word, Power point, Excel)

ADDITIONAL INFORMATION

Conferences

- I was a member of organizing committee of GEOKURDISISTAN (2,3,4,5) International geological conference of Kurdistan

Seminars

- I presented the following seminars under the titles of:

Title	Place of Presentation
Geographic information system GIS	University of Sulaimani
Raster and Vector data in GIS	University of Sulaimani
Remote Sensing and GIS application in surface runoff and catchment management	University of Miskolc
Fracture pattern and electrical resistivity studies for groundwater exploration	University of Miskolc
Ground Water influence on water budget of a small constructed flood plain wetland in the ridge and valley of Virginia, USA	University of Miskolc
Turkish Delight and Geothermal flavor	University of Miskolc
Environmental ethics between science and society	University of Charmo, Dukan Technical institute
Petroleum System	University of Sulaimani
Petroleum migration	University of Sulaimani
Great Anatolian Project (GAP)	University of Sulaimani
Classification of Limestone	University of Sulaimani
Managed Aquifer recharge MAR	University of Miskolc
GW exploration in Semi-arid area.	University of Miskolc

Memberships

- Member of Kurdistan geological society.

Visited Countries

- Member of Green Kurdistan association.

I have been in the following countries:

(Germany, Netherlands, Belgium, Czech Republic, Austria, Hungary, Slovakia, Poland, Serbia, Turkey, China, Egypt).

Awards

Bronze Academic Honorary Medal issued by Faculty of Earth Science and Engineering at the university of Miskolc, 14 March 2017.

Health Concern

No history of illness or allergy

Volunteer

Working as a volunteer to keep our environment clean by presenting PPT at different places.

