

# Academic Curriculum Vitae



## Personal Information:

Full Name: Sirwa Qader Smail Gardi

Academic Title: Lecturer

Email: (university email): [sirwa.gardi@su.edu.krd](mailto:sirwa.gardi@su.edu.krd)

Mobile:



## Education:

- **M.Sc.**, In Geology/Geophysics, Salahaddin University, Erbil, Iraq-2010.
- **B.Sc.**, In Geology, Science College, Salahaddin University, Erbil, Iraq-2000- 2003.

## Employment:

- Lecturer / Salahaddin University-Science College-Earth sciences and petroleum department 2018 till now.
- Assist. Lecturer / Salahaddin University-Science College - Earth sciences and petroleum department 2010-2017.
- Assist. Geology/ Salahaddin University-Science College - Earth sciences and petroleum department 2003-2007.

## Qualifications

### Teaching qualifications

- Training Course of (Teaching & IT Course), 2010 in Kurdistan Region, Ministry of Higher Education and Scientific Research, Salahaddin University.

### IT qualifications

- Geophysical Programs: IPI2win (2001), Zohdy (1989), Res2Dinv (3.71.111) and TomoLab.
- ArcGIS (14.10.1)
- Golden software- Surfer (11)
- AutoCAD

- Microsoft Office – (Word, Excell and Powerpoint).
- Rockworks
- Strater
- Nitro Pro 10
- LogPlot7
- Photoshop CS5
- **Any professional qualification**
- Hard worker, very good analytical and problem solver.
- Very Good communication, presentation and meeting skills.
- Self-motivated, learner and good team player.

## Teaching experience:

- Applied Geophysics Theory & Practical 1<sup>st</sup> & 2<sup>nd</sup> Semesters 3<sup>rd</sup> Class/ Undergraduate
- Electrical Resistivity Method Theory & Practical 1<sup>st</sup> & 2<sup>nd</sup> Semesters 4<sup>th</sup> Class/ Undergraduate
- Rock forming mineral Practical 2<sup>nd</sup> Semester 2<sup>nd</sup> Class/ Undergraduate
- Crystallography Practical 1st Semester 1<sup>st</sup> Class/ Undergraduate
- Clay mineralogy Theory & Practical 1<sup>st</sup> Semesters 4<sup>th</sup> Class/ Undergraduate
- Industrial geology Practical 2<sup>nd</sup> Semester 4<sup>th</sup> Class/ Undergraduate
- Environmental geology Practical 2<sup>nd</sup> Semester 2<sup>nd</sup> Class/ Undergraduate
- Hydrology Practical 2<sup>nd</sup> Semester 2<sup>nd</sup> Class/ Undergraduate.
- General geology Theory and practical. 1<sup>st</sup> Semester 2<sup>nd</sup> class/ Undergraduate.
- General physics Theory & Practical 2<sup>nd</sup> Semester 1<sup>st</sup> Class/ Undergraduate

## Research and publications

- Farhad A. Mohammed, Yawooz A. Kettanah and **Sirwa Q. Smail**, 2013. Environmental Significance of Major and Trace Elements in the Soils of Selected Areas in Erbil City, Kurdistan Region, Northern Iraq. Iraqi National Journal of Earth Sciences, Vol. 13, No. 2, pp. 15 – 32.
- **Sirwa Qadir Smail**, 2014. 2D Electrical Resistivity Tomography Survey for Shallow Environmental Study at Wastewater Valley of Southwestern Erbil City, Iraqi Kurdistan Region. Maxwell Scientific Organization, Research Journal of Environmental and Earth Sciences Vol. 6, No.5, pp: 266-277.
- Fadhil A. Ghaib and **Sirwa Q. Gardi**, 2014. Re-interpretation of Geophysical Data for the Archaeological Hill “Malta” at Duhok City – Iraqi Kurdistan Region. Journal of Zankoy Sulaimani- Part A, Vol. 16, No.4, pp: 123-138.

- **Sirwa Qader Smail Gardi**, Ahmed Jaddoa R. Al-Heety, Rizkr Z. Mawlood, 2015. 2D Electrical Resistivity Tomography for the Investigation of the Subsurface Structures at the Shaqlawa Proposed Dam Site at Erbil Governorate, NE Iraq. International Journal of Science and Research (IJSR), Vol. 4, No.5, pp: 607-614.
- Fadhil A. Ghaib, Abdulwahab M. Noshad and **Sirwa Qader S. Gardi**, 2016. Resistivity and Gravity Data Interpretation in the Harir Plain North East of Erbi City- Iraqi Kurdistan Region. Journal of University of Duhok, Pure and Eng. Sciences, Vol. 19, No. 1, pp. 309-323.
- **Sirwa Qader Smail Gardi**, 2017. Integrated Use of Geoelectrical Resistivity and Geochemical Analysis to Assess the Environmental Impact on Soil and Groundwater at Erbil Dumpsite, West of Erbil City - Iraqi Kurdistan Region. The Scientific Journal of Koya University, No. 2, pp. 19-31.
- **Sirwa Qader Smail Gardi**, 2018. Environmental Impact Assessment of a Ebil Dumpsite area - West of Erbil City-Iraqi Kurdistan Region, Journal of Zankoy Sulaimani, Vol.5, No.3,194–217pp.
- **Sirwa Qader Smail Gardi**, 2017. Ahmed Jaddoa R. Al-Heety, Rizkr Z. Mawlood,. Engineering Site investigation using 2D electrical Resistivity Tomography at the Siktan Proposed Dam Site at Erbil Governorate, NE Iraq. Journal of University of Duhok, Vol. 20. No. 1.
- **Sirwa Qader Smail GARDI**, Jamal ASFAHANI, (2019). Subsurface tectonic characterizations by the use of geo-electrical resistivity technique and their implications on environmental soil and groundwater at Erbil dumpsite, west of Erbil city – Iraqi Kurdistan region. Contributions to Geophysics and Geodesy, Vol. 49, Issue No. 3, Pp: 325–354.
- Hazhir Karimi; Bengin M A Herki; **Sirwa Gardi**; Saman Gallali; Hooshyar Hosseini; Karamreza Mirzaei and Meghdad Pirsahab, 2020. Landfill site selection and environmental risk assessment of hospital solid wastes; Kermanshah City, Iran. International Journal of Environmental Health Research, Vol. 30, Issue 1, p13.

## Conferences and courses attended

- Workshop on Environmental Bioscience meeting at International University of Erbil, presented by the Staff of Department of Environment - College of Science, Salahaddin University / April 24, 2018.

- Participated at Geoscience Application meeting at Salahaddin University, with a presentation: Sirwa Qader Smail Gardi: The Use of Shallow Geophysical Survey Applied to Engineering and Environmental Ground Investigations and Workshops, 4-5 December 2018; College of Science, Department of Geology, Erbil-Iraq.
- Workshop on Air pollution in Kurdistan Region, presented by the Staff of Department of Environment held at the College of Science in Salahaddin University / 15<sup>th</sup> April, 2019.
- Workshop on Catalysis, Chemometrics and Renewable Energy, presented by the Staff of Department of Chemistry held at the College of Science in Salahaddin University / 24<sup>th</sup>-25<sup>th</sup> April, 2019.
- Second International Conference on College of Basic Education in Kurdistan Region, 27<sup>th</sup>- 28<sup>th</sup> April 2019.
- Workshop on Health and Safety at Work for University Academics, presented by the Staff of Department of Chemistry held at the College of Science in coordination with The Directorate of Health and Safety in Salahaddin University / 29<sup>th</sup>-30<sup>th</sup> April, 2019.
- Participated at Electrical Resistivity Method as a trainer at Salahaddin University, 24 hours on Feb. 2020; College of Science, Department of Geology, Erbil-Iraq.
- ArcGIS 10.4 training from Salahaddin University, College of Science, Department of Geology, 2020. Dip and strike with ArcGIS and GMDE software in Salahaddin University, College of Science, Earth sciences and petroleum department for 4 days, September 2021.
- Petrophysical interpretation for petroleum formations training from 31.1.2022 to 1.2.2022 at Tikrit University.
- Waste water treatment methods in petroleum refining processes from 13-14.12.2021 at Tikrit University.
- Grant for the best idea of graduate research project for Salahaddin university students-Erbil, Erbil, Engineering college/ Mechanical Hall, 15.2.2024.

## Professional memberships

- Member in the Kurdistan Geological Society
- Member in Kurdistan Teachers Union

## Professional Social Network Accounts:

- Researchgate: <https://www.researchgate.net/profile/Sirwa-Gardi>
- LinkedIn: <https://www.linkedin.com/in/sirwa-gardi-385368122/>
- Google scholar: <https://scholar.google.com/citations?user=-9SueD0AAAAJ&hl=en>
- Academia.edu: <https://xendan.academia.edu/sirwagardi>
- ORCID: <https://orcid.org/my-orcid?orcid=0000-0002-6942-4376>