

Name: Dr. Hikmat Safi Al-Jaleel

Date of Birth: 01-06-1957

Place of Birth: Baghdad, Iraq

Title: Assistant Professor

Permanent Address

Geology Department, College of Science, Salahaddin University, Erbil, Kurdistan Region of Iraq.

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Qualifications

1. 1976-1980 B.Sc. Special Degree in Geochemistry (Subsidiary Subject: Geology), University of Baghdad, Iraq.
2. 1981-1984 M.Sc., In Economic geology and Geochemistry. Advisor: Ass. Prof. Dr. Yawooz A. Kettanah, Dept. of Geology, University of Baghdad, Iraq
Title of M. Sc. Thesis: Geochemistry and Mineralogy of Lower Eocene Phosphorite in the Western Desert- Iraq.
3. 1996 – 2000 Ph. D., In Environmental geology and Hydrochemistry, Adviser; Prof. Dr. Yahya T. Al-Rawe, Dept. of Geology, University of Baghdad, Iraq.
Title of Ph. D. Thesis: The Effect of leakage of Wastewater from the phosphate complex in Al-Qaim on surface and groundwater, Western Iraq.

Experiences

1. Teaching at College of Science, Salahaddin University (1986 – Current)
Theory:
 - a. Teaching Geochemistry, Ore Deposits, Crystal Chemistry and Environmental Geology for B.Sc. students in the department.
 - b. Teaching Advanced Geochemistry, Hydrochemistry, Isotopes and Environmental Geology for Postgraduate students.:Practical:
 - a. Geochemistry (3rd year students)
 - b. Ore Deposits (4th year students)
 - c. Environmental Geology (4th year students)
2. Affiliation:
 - a. From 1986-1987 in State Company of geological survey and mining – member in mineral exploration for phosphorite in Al-Nakhaib area-Western Desert.
 - b. Member of consulting board of the ministry of Environment, Kurdistan Region.
3. Examiner: of many postgraduate students (Diploma, M.Sc. and Ph.) theses and outside Kurdistan Region

4. Evaluator: Of many papers for publication inside and outside Kurdistan Region and scientific promotion.

List of Published Researches:

1. Petrographic Classification of the Eocene Phosphorite, Western Desert, Iraq.
2. Geochemistry and Crystal chemistry of Eocene Phosphorite, Western Desert, Iraq.
3. Geochemistry of Zor Horan Formation, Western Desert, Iraq.
4. Impact of wastewater on groundwater along Tanjero stream, Durbandokan lake and soil, Sulamaniua city, Kurdistan Region, Iraq
5. Environmental impact of wastewater influent from selected areas on Agricultural soil, Kurdistan Region, Iraq.
6. R-mode Factor analysis of Phosphorite deposits, Nukhaib area, Western Desert, Iraq
7. Geochemistry (Rare earth and isotope) of Jurassic carbonate rocks in selected areas of Kurdistan Region/Iraq (In progress)
8. Heavy metals concentration of Dust falls on Erbil City, Kurdistan Region, Iraq. (In progress)
9. Environmental Assessment of Heavy Metals Pollution in the Stream Sediments along Rawandiz River Course From Haj Omran area to Greater Zab River Intersect, Kurdistan Region, Iraq (In progress)

Interest and Research Line

1. The geochemical distribution of chemical elements and other species in the rocks.
2. The mineralogy and crystal chemistry of the Iraqi phosphorites.
3. Hydrochemistry of surface and groundwater.
4. Impact of Wastewater Irrigation on Soils in Kurdistan Region, Iraq.
5. Environmental impact of chemical species on surface and ground waters in Kurdistan Region.

Conferences Attended

1. Iraqi Geological Society (1983), Baghdad, Iraq.
2. Student's Scientific Conferences (1989), Erbil, Iraq.
3. Iraqi Geological Society (1990), Baghdad, Iraq.
4. Geology of the western desert of Iraq, (2018), College of Science, Baghdad, Iraq.

Postgraduate Supervision

It includes M.Sc. and Ph.D. Students in the fields of Environmental Geology, Geochemistry of Sedimentary Rocks, Black shale and Hydrochemistry.

Societies Membership

1. Iraqi Geological Society
2. Kurdistan Geological Society

3. Consultancy Council for Environment in Kurdistan Region of Iraq, Erbil.

Languages

English, Arabic and Kurdish.