

CURRICULUM VITAE

Personal Information:

Name: Bassim Shaif Abdul Kader Al Khirbash

Date of Birth: 10 November 1970

Permanent Address: Department of Earth Sciences

Faculty of Petroleum and Natural Resources

Sana'a University

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Status: Married Nationality: Yemeni

Summary: (A brief profile summary of the faculty member at least 3 lines)

I started my work at Sana'a University as a demonstrator in 11/1995 and progressed in academic positions and got the rank of Associate professor in 6/2006. My research interests are summarized in Geological and Geo-environmental Hazards (using GIS in land sliding, Flooding, ground water quality, climate change, land use/land cover)

Education:

2008 Ph.D., Dissertation title: Structural Architecture and Geological Hazard of Taiz-El Turba District, Republic of Yemen, Using Geographic Information System (GIS). Cairo University, Cairo, Egypt.

2003 M. Sc., Thesis Title: Environmental and Geological Hazards of Sana'a-Dhamar Basins, Republic of Yemen. Cairo University, Cairo, Egypt.

1994 B. Sc. Geology and Chemistry, Sana'a University, Sana'a, Yemen.

1975-1987 Elementary, Preparatory and Secondary schools: Taiz, Republic of Yemen

Experience:

Employment:

12/02/2024: promotion to Professor Dr, and still Dean Faculty of Petroleum and Natural Resources

11/2019 Dean, Faculty of Petroleum and Natural Resources, Sana'a University.

2019 to current; Associate Professor, Department of Earth Sciences, Faculty of Petroleum and Natural Resources, Sana'a University.

10/2019: The Higher Committee for establishment of the Faculty of Petroleum and

Natural Resources, Sana'a University.

2017: Evaluation Committee of Research Centers in Sana'a University.

6/ 2016; Associate Professor, Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.

4/2016 - 2019: Dean, Faculty of Science, Sana'a University.

10/2014 - 2016: Vice Dean, Faculty of Science, Sana'a University

4/2016 to current: Academic Council of Sana'a University.

2009 - 2012: Graduate Studies Committee Head, Department of Earth and Environmental Sciences, Sana'a University.

2008 - 2016; Assistant Professor, Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.

2005 to current: Member of the Yemen Geological Society (YGS)

2003 - 2004; Lecturer assistant in Geology, Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.

1995 - 1998; Demonstrator in Geology Dept. Faculty of Science, Sana'a University.

Courses Taught:

Undergraduate Courses (B.Sc. - Level):

General geology I, General geology II, Historical Geology, petrology and mineralogy, Geomorphology, Photogrammetry and Remote Sensing, Environmental Geology, Natural Hazards and Evaluation of Natural Hazards.

Graduate Courses (M.Sc. - Level):

Remote sensing and GIS (Geographic Information System) and Evaluation of Natural Hazards.

Supervision of M.Sc. and Ph.D. Students:

- Hani Mohammed Sa'ad Murshid (2013): "Integrated water resource management (IWRM) for mitigating water scarcity and improving livelihoods within the Sana'a Basin" (Ph.D). Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.
- Marium Ahmed Mohamed Taher (2014): "Environmental Protection and Management of Yemen Islands: A case study of Kamaran Island" (Ph.D). Department of Earth Sciences, Faculty of Petroleum and Natural Resources, Sana'a University.
- Samah Ali Abdulmageed Al Sururi (2020): "Geological Study of Volcanic Rocks by using RS/GISTechniques in Sana'a Basin, Yemen" (M.Sc). Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.

- Moammar Ali Mohammed Naji (2021): Impacts of wastewater on Groundwater Quality of Al Dhihar – Ibb City, Yemen” (M.Sc). Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.
- Sadam Abdulmageed Moqbil Al Sofi (2021): Fractured Basement Reservoir Evaluation in Masilah Basin, Yemen.
- Samar Ahmed Sa'ad Al Kabzary (2021): An Evaluation of some Trace Elements around the Sana'a Sewage Treatment Plant, Yemen” (Ph.D). Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.
- Ghadah Saif Mohammed Abdo (2021): Hydrochemical Study of Groundwater in Wadi Alloujah Area, Tihama Plain” (M.Sc). Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.
- Hagib Ahmed Ali Al Hagibi (2021): Climate Change in Yemen, A case Study of Air Quality in Sana'a City” (Ph.D). Department of Earth and Environmental Sciences, Faculty of Science, Sana'a University.

Ms., Ph Examination Committee:

- Member of the Examination Committee for the Ms. degree, Mr. Hagib Ahmed Ali Al Hagibi 2017 Sana'a University.
- Chairman of the Examination Committee for the Ms. degree, Mr. Malek Abdo Rahman 2022 Sana'a University.
- Chairman of the Examination Committee for the Ms.degree, Mr. Ebrahim M. Saghery 2022 Sana'a University.
- Chairman of the Examination Committee of the Ms. degree, Mr. Mohamed A.Mokaber 2022 Sana'a University.
- Member of the Examination Committee for the Ms. degree, Mrs. Samah A.Al Surrory 2022 Sana'a University.
- Member of the Examination Committee for the Ph. degree, Mr. Hani M. S. Moreshed 2022 Sana'a University.
- Chairman of the Examination Committee for the Ms. degree, Mr. Moheeb A. Othman 2023 Sana'a University.
- Chairman of the Examination Committee for the Ms. degree, Mr. Ali 2023 Sana'a Nagi Ghurab University.

Editorial board & reviewing papers

- Evaluating many different articles in the scientific bulletins.
- Refereeing Many Scientific Research Studies for Promotion to Associate Professor.

Scientific Meetings and Workshops Attended:

- The Ninth Intern. Conf. Geol. Arab World (GAW9), Cairo Univ., Egypt, March, 2008.
- Training course in the University teaching, teaching strategies and techniques and evaluation methods, held at the Council for Accreditation & Quality Assurance Sana'a University from 4/8/2009 to 18/8/2009.
- Inception Workshop; Integrated Water Harvesting to Adapt to Climate Change in Yemen, held at the Country Office of UNDP in Yemen on the 15 December 2013.
- Courses description, undergraduate level, held at the Council for Accreditation & Quality Assurance Sana'a University on the April 2020.
- Courses description, Graduate level at the Department of Earth Sciences, Faculty of Petroleum and Natural Resources, Sana'a University on the April 2021.

List of Publications and Current Research:

- 1- M. I. El Anbaawy, Sh. M. Sakran and B. S. Al Khirbash (2008): "Geoenvironmental flood hazards evaluation and land use mapping of Taiz Governorate, Republic of Yemen". *Intern. Conf. Geol. Arab World (GAW9), Cairo Univ., Giza, Egypt*".
- 2- Sh. M. Sakran, M. I. El Anbaawy and B. S. Al Khirbash (2008): "Assessment of Landslides in the Sana'a – Taiz district, Republic of Yemen: Geological hazards and causative factors". *Intern. Conf. Geol. Arab World (GAW9), 2008, Cairo Univ., Giza, Egypt*".
- 3- Munef A. Mohammed, Dietmar Keyser, Mohammed A. Al-Wosabi, Bassim Al-Khirbash, Wafa M. Al-Qadassi (2014): "Taxonomy and distribution of Fresh water Ostracoda from N– N E Socotra Island – Yemen". *Revue de micropaléontologie 57 (2014) 23–33*
- 4- Alderwish Ahmed M, Al Khirbash Bassim S. and Mushied Hani M. (2014): Review of Yemen's Control of Groundwater Extraction Regime: Situation and Options. *International Research Journal of Earth Sciences, Vol. 2(3), 7-16, April (2014)*.
- 5- Bassim S. Al Khirbash, Saif Alhakimi (2015): The Applications of Geographic Information System (GIS) in Landslides Hazard Assessments in Sommarah Mountain Range, Ibb Governorate, Yemen Republic. *Faculty of Science Bulletin, 27 (2015) 33-61 © 2015 Sana'a University*.
- 6- Bassim S. Al Khirbash, Maryam A. Taher, Hisham M. Nagi, Nabil, A. AL-Shwafi, and Ameen Al Sameh (2019) Using Remote Sensing To Study the Land Use / Land Cover of Kamaran Island, Yemen, *The International Journal of Engineering and Science (IJES) Volume 8 Issue 12 (2019) 21-27 © 2019 India*.
- 7- Hisham Naji, Bassim al Khirbash, Maryam A. Taher and Nabil, A. AL-Shwafi (2021) Management of populated Island of Yemen Case study of Kamaran Island, *Tehama Journal. TEHAMA Journal- NO. 13 January - June 2021 Post- Graduate Studies and Scientific Research Hodeidah University ISSN:2710-1282*
- 8- Bassim S Al-Khirbash, Moheeb A Al-Salehi, Nabil A Al-Shwafi and Hagib A Al-Hagibi (2023) Hydrographical Studies in the Nearshore Seawaters of the Red Sea Coast of

Al-Hodeida City, Yemen. *Journal of Scientific & Technical Research*. DOI: 10.23880/jenr-16000351 Volume 7 Issue USA.

9- Al-Khirbash BA., Al-Salehi MA., Al-Hagibi HA. and Al-Shwafi NAA (2023) Concentrations of Total Petroleum Hydrocarbons N-Alkanes in Surface Seawater from The Red Sea Coast of Hodeidah City, Yemen. *Journal of Ecology and Natural Resources*. DOI: 10.23880/jenr-16000358. Vol. 7 Issue 4 USA.

10- Bassim Alkhirbash, Saif Alhakimia and and Hani Al Aswadib. (2024) Impact of Wastewaters on Groundwater Quality of Bani Al-Hareth and Arhab areas in northern Sana'a City, Yemen. *Journal of Applied Science and Technology, Sana'a University*. Vol. 2 No. 1. Page 17- 29 <https://journals.su.edu.ye/jast>.

11- Bassim Al Khirbash, Moheeb Abdu Al Salehi, Hagib A Al-Hagibi and Nabil A. Al-Shwafi (2023) Screening and Identification of Petroleum-Degradation Bacteria in the Surface Seawater from the Red Sea Coast of Al-Hodeidah City, Yemen. *Journal of Agricultural, Earth and Environmental Sciences*. 2(4), 01-06.USA.

