

Full name: Azealdeen Salih Hassan Ali Al-Jawadi

Births: 7/14/1964

Nationality: Iraqi

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Address:

Work: University of Mosul- College of Petroleum and Mining Engineering

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Marital status and number of children: Married 4 children

Certificate: Ph.D

Academic achievement in detail:

Bachelor of Earth Sciences - 1986

M.Sc. Engineering Geology - 1989

Ph.D. Geotechnique - 2013

Academic Degree: - Assistant Professor 1/2/2021

General specialization: Geology

Exact specialization: - engineering geology - geotechnique

Appointment date: 17/12/1990

Current position: Head of the Mining Engineering Department, College of Petroleum and Mining Engineering

Other positions: Managing Editor of the Iraqi National Journal of Earth Science - University of Mosul

Jobs:

Geologist - General Organization for Geological Survey and Mining



Geologist - General Establishment for Extractive Operations

Lecturer and researcher - Dams and Water Resources Research Center - University of Mosul

Lecturer and researcher - College of Petroleum and Mining Engineering - University of Mosul

Teaching:

1. Rock mechanics for the Departments of Petroleum and Refining Engineering, Department of Mining Engineering and Department of Oil Reservoir Engineering in the College of Petroleum and Mining Engineering for the third stage since the establishment of the college 2013-2014

2. Tunnels Engineering of the Mining Engineering Department at the College of Petroleum and Mining Engineering for the fourth stage since the college was established 2013-2014

3. Rock blasting engineering for the Mining Engineering Department in the College of Petroleum and Mining Engineering for the fourth stage since the college was established 2013-2014

4. Mines Engineering for the Mining Department of the College of Petroleum and Mining Engineering for the third stage for the year 2020-2021

Studies and projects:

1. Engineering Geological Map for the Fat'ha Formation - Mosul Province - Tal Afar, 1991-1992

2. Building Stones - Hammam Al-Alil District - Tal Afar, 1992

3. Engineering Geological Survey of Sersink Garra Gu Valley, 1992

4. Engineering Geological Survey of Nahla-Bakerman Valley, 1992

5. Al-Mishraq Sulfur Exploration Project 2 – Mosul, 1993

6. Underground Storage of Oil and Gas and Design of Underground Structures, 1995

Published researches:

1. Hamdi, Mohamed Alaa El-Din Hamdi and Hassan, Azealdeen Salih, 1990, Future Expectations for Grouting in Six Wells Under the Body of Mosul Dam Based on the

Engineering Classification and Qualitative Distribution Deduced Laboratory from Rock Core, the 2<sup>nd</sup> scientific conference of the Mosul Dam Research Center.

2. Al-Jawadi, Azealdeen Salih and Al-Banna, Nabil Youssef, 2010. Geometrical classification of carbonate rock masses in the Sheikh Ibrahim Anticline, West Mosul, The 7<sup>th</sup> Periodic Scientific Conference of the Dams and Water Resources Research Center - University of Mosul - Iraq.

3. Al-Jawadi, Azealdeen Salih and Adib, Hadeer Ghazi Muhammad, 2010. The effect of some geometrical properties of rocks on the distribution of stresses around the proposed Sheikh Ibrahim Tunnel - Southern Gezira Irrigation Project, Iraqi National Journal of Earth Sciences, Vol. 10, No. 2, pp. 1-18.

4. Al-Jawadi, Azealdeen Salih and Al-Banna, Nabil Youssef and Salih, Diah Ghawi, 2010. The effect of weathering on building stones used in some archaeological sites in northern Iraq, The 7<sup>th</sup> Periodic Scientific Conference of the Dams and Water Resources Research Center - University of Mosul - Iraq.

5. Adeb, Hadeer Ghazi Muhammed and Al-Jawadi, Azealdeen Salih and Al-Ezzo, Siham Ibrahim, 2012. Geotechnical maps of the Western Canal and the Pumping Canal and their branches for the South Island Irrigation Project - Northwest Iraq, Iraqi National Journal of Earth Sciences, Vol. 12, No. 2, pp.1-12.

6. Al-Jawadi, Azealdeen Salih H., and Al-Naqib Salim Qassim, 2017, Preliminary Study of the Characteristics of Injana Formation Clay Stone for Brick and Ceramic Industry, Asian Journal of Engineering and Technology, Volume 05 – Issue 04, pp. 93-99.

7. Al-Jawadi, Azealdeen Salih Hassan and Adib, Hadeer Ghazi Muhammad, 2018, Assessment of Slope Sliding Along the Road Linking Deira Kubra and Bajeel - Aqrah District - Northern Iraq, Proceedings of the 9<sup>th</sup> Periodic Scientific Conference of the Dams and Water Resources Research Center, University of Mosul, pp. 118-133.

8. Azealdeen S Al-Jawadi, Yousra T Abdul Baqi, Ali M Sulaiman, 2020, Qualifying the Geotechnical and Hydrological Characteristic of the Bandawaya Stream Valley- Northern Iraq, Scientific Review – Engineering and Environmental Sciences, 29 (3), 319–331, DOI: <https://10.22630/PNIKS.2020.29.3.27>.

9. Azealdeen Salih Hassan al-Jawadi and Thanoun Hamid al-Dabbagh, 2020, The Effects of Weathering on the Characteristics of the Limestone Used in the

Construction of the Wall of the Tel Kaif Cemetery - Northern Iraq, the Iraqi National Journal of Earth Sciences, Vol. 20, No. 1, pp. 56-74.

10. Azealdeen S Al-Jawadi, Thanoon H Al-Dabbagh, Mohsen S Dawlat, 2021, Slope Assessment and Suggested Slope Design of the Bekhme Residential Complex in North Iraq, Indian Geotechnical Journal, pp. 1-11, Springer India, DOI: <https://10.1007/s40098-020-00497-1>.

11. Azealdeen Salih Al-Jawadi, 2021. Theoretical Models of Slope Stability Analysis in The Maqlub Mountain Rock Cut Routes, North Iraq, 2021, The Iraqi Geological Journal, 54 (1A), pp. 55-68, DOI: <https://10.46717/igj.54.1A.6Ms-2021-01-27>.

12. Rayan Ghazi Thannoun, Azealdeen Salih Al-Jawadi, Hadeer Gh M Adeeb, 2021, Three Dimensional Terrain Modeling for Tectonic Geomorphology of Chinara Anticline, Northern Iraq, Iraqi Geological Journal, 54 (1C), pp. 53-65, DOI: <https://10.46717/igj.54.1C.5Ms-2021-03-25>.

13. Sahad Ali Al-Talib, Azealdeen Salih Al-Jawadi, Abdul Sattar A. Al-Sanjari, 2021, Impact of Gercus Formation Erosion and Rock Sliding on Duhok Dam Reservoir – Northern Iraq, Iraqi Journal of Science, Vol. 62, No. 5, p. 1562-1569, DOI: <https://10.24996/ijs.2021>.

14. Alobadi, H.A., Al-Jawadi, A.S., Al-Sanjari, A.S.A., 2021. Characteristics of Carbonate Rocks and Environmental Conditions of Some Caves, Northern Iraq, Iraqi Geological Journal, 54(2), pp. 164–175, DOI: <https://10.46717/igj.54.2E.11Ms-2021-11-27>.

15. Azealdeen S. Al-Jawadi, Salim Q. Al-Naqeeb, Thanoun A. Thanoun, 2021. Validity of Al-Fat'ha and Injana Formations Clay for the Manufacture of Bricks and Ceramics in Nineveh Governorate, Iraqi National Journal of Earth Science, Vol. 21, Issue 1, pp 42-53.

16. Rahma S. Al-Auqadi, and Azealdeen S. Al-Jawadi, 2021. Geological and geotechnical characteristics of hydroelectric power stations in the tourist stream valleys, N-Iraq, Arab Journal for Scientific Publishing (AJSP) / Special Edition, pp. 16-23.

17. Thannoun, R.Gh., Adeeb, H.G.M., Al-Jawadi, A.S., 2022. Extractions Morphotectonic Features Using Satellite Data Processing and DEM-Derived Spatial Models, Iraqi Geological Journal, 55(1), pp. 88–107. DOI: <https://10.46717/igj.55.1A.7Ms-2022-01-26>.

18. Azealdeen S. Al-Jawadi, Sabah H. Ali, Hadeer Gh. M. Adeb, 2022. Engineering Investigation of the Geological Problems for Old Mosul City by Remote Sensing and GIS, 2nd Conference of Western Iraqi Desert Geology and Surroundings (IDGC-2021), IOP Conf. Series: Earth and Environmental Science 1080 (2022) 012018, DOI: <https://10.1088/1755-1315/1080/1/012018>.

19. Azhar Kh. S. Bety, Azealdeen, S. Al-Jawadi, and Omar A. Ismaeel, 2022. Lineament Analysis by Using Remote Sensing and GIS Technique of Sangaw Area, Kurdistan Region, NE Iraq, Iraqi Geological Journal, 55 (2C), 150-161, DOI: <https://10.46717/igj.55.2C.11ms-2022-08-24>.