

Curriculum Vitae



1. Personal Data:

- 1.1. Full Name: **Badir Naama Akash Albadran**
- 1.2. Date of Birth: 1 / 7 / 1957.
- 1.3. Country: Iraq.
- 1.4. Nationality: Iraqi.
- 1.5. Sex: Male.
- 1.6. Present Address: Al-Kharbatlya, Silo Street, Basrah – Iraq.
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- 1.7. Marital Status: Married.

2. Academic Qualification:

2.1. Degrees,

Name of Examin.	Year	University	Country	Subject
B.Sc.	1977	Mosul	Iraq	Geology
M.Sc.	1983	Nice	France	Clay Minerals
Ph.D.	1986	Nice	France	Marine Sedimentology

- 2.2. Major Field of Specialization: Marine Geology and Sedimentology.
- 2.3. Major Field of Specialization of Research: Marine geology, Marine surveying, Geotechnique, and water resources.
- 2.4. Language of Study or Research: Arabic, English and French.

3. Employment record:

3.1. Scientific Status:

Position	Employer	From	To
Assistant researcher	Marine Science Centre, Univ. of Basrah	1979	1986
Assistant Lecturer	=	1988	1992
Lecturer	=	1992	1995
Assistant Professor	=	1995	2000
Professor	=	2000	2004
Professor	Geology Dept. college of Science	2004	Now

3.2. Administrative Status:

Position	Employer	From	To
Head of Dept.	Geology Department / College of Science-Univ. of Basrah	2010	2015
Head of Dept.	Marine Geology Dept./ Marine Science Centre-Univ. of Basrah	1996	2003
Director of Marine Consulting Bureau	=	2001	2003
Agential of General Director	=	2001	2003

4. Professional Experience:

4.1. Teaching:

- 4.1.1. Practical of water resources / first year, college of Science.
- 4.1.2. Practical of engineering survey / second year, college of Engineering.
- 4.1.3. Sedimentary Rocks / second year, college of Science.
- 4.1.4. Structural Geology / second year, college of Science.
- 4.1.5. Statistical Geology / second year, college of Science.
- 4.1.6. Recent Sedimentation / third year, college of Science.
- 4.1.7. Optical Mineralogy / second year, college of Science.
- 4.1.8. Structural and petroleum geology / second year, college of Engineering.
- 4.1.9. Advanced Recent Sedimentation / M.Sc. course, college of Science.
- 4.1.10. Advanced Statistical Geology / M.Sc. course, college of Science.
- 4.1.11. Advanced Sedimentary Rocks / M.Sc. course, college of Science.
- 4.1.12. Advanced structural geology / M.Sc. course, college of Science.
- 4.1.13. Scientific English language / M.Sc. course, college of Science.
- 4.1.14. Soil Mechanics / Ph.D. course, college of Agriculture.

- 4.1.15. Tidal – Flats Sedimentation / M.Sc. course, college of Science.
- 4.1.16. Mesopotamian Recent Sediments / Ph.D. course, college of Agriculture.
- 4.1.17. Computational Engineering Geology / Ph.D. course, college of Science.
- 4.1.18. Soil Improvement / Ph.D. course, college of Science.
- 4.1.19. Marine Geology / M.Sc. course, college of science.
- 4.1.20. Clay Mineralogy / M.Sc. course, college of science.

4.2. Organization membership:

- 4.2.1. Geological Society of Iraq.
- 4.2.2. International Association of Sedimentologists.
- 4.2.3. International Year of the Planet Earth.
- 4.2.4. Intergovernmental Oceanographic Commission.

4.3. Committee membership:

- 4.3.1. National committee of manifesting national boundaries 2000-2003.
- 4.3.2. Ministry committee of developing the remote sensing 2001-2003.
- 4.3.3. Central committee of the scientific promotion of Basrah University 2001-2004.

4.4. Important Works:

- 4.4.1. Member in the committee of establishing the geology department / University of Basrah.
- 4.4.1. One of the first group worked in Marine Science Center / University of Basrah.

4.5. Supervision of Thesis:

- 4.5.1. Granulometry and sedimentary structures studies in the tidal flats of Khor Al-Zubair area, Iraq, NW Arabian Gulf. M.Sc. thesis (In Arabic), 2011 / College of Science.
- 4.5.2. Sedimentological, hydrographical and mineralogical study of confluence of Karun and Shatt Al-Arab Rivers and the adjacent areas. M.Sc. thesis (In Arabic), 2009 / College of Science.
- 4.5.3. The effect of physical and mechanical soil properties and water movement on bank stability of Shatt Al-Arab (Maqaal- Umm Al Rissass), Ph. D. thesis (In Arabic), 2006 / College of Agriculture.
- 4.5.4. Sedimentological and mineralogical study of rocky islands in Khor Al-Zubair area-north west of the Arabian Gulf. M.Sc. thesis (In Arabic), 2003/ college of science.

4.5.5. Engineering geological study of river branches (creeks) banks in Khor Al-Zubair area, NW the Arabian Gulf. M.Sc. thesis (In Arabic), 2002 / college of science.

4.6. Co-Supervision of Thesis:

4.6.1. Geoarchaeologic and Morphotectonic Study of Al-Hammar Marsh Area and Surroundings. M.Sc. thesis, 2014 / College of Science.

4.6.2. A studying of Land Cover Changes and Evaluation of Desertification State in the South of Iraq by Using Remote Sensing Techniques. M.Sc. thesis (In Arabic), 2013 / College of Science.

4.6.3. Geomorphic data& remote sensing techniques integration for Shatt Al-Arab delta study. M.Sc. thesis (In Arabic), 2010 / College of Science.

4.6.4. Sedimentological and geomorphological study of the Shatt al-Arab islands between Basrah and Siba towns. M.Sc. thesis (In Arabic), 2009 / College of Science.

4.6.5. District of Medina, study in regional geography by using geographic information systems (GIS). M.A. thesis (In Arabic), 2009 / College of Art.

4.6.6. Geochemical and hydrochemical study at Shatt Al-Arab channel sediments and overlying water. Ph.D. thesis (In Arabic), 2007/ College of Agriculture.

4.6.7. The properties of Iraqi coast “geographical study”. Ph. D. thesis (In Arabic), 2006 / College of Arts.

4.6.8. Sedimentological and paleontological study of tidal flats- Northwest of the Arabian Gulf. M.Sc. thesis (In Arabic), 2006 / College of Science.

4.6.9. Improvement of selected parts of Basrah governorate soil using polymer resins. Ph.D. thesis, 2005 / College of Science.

4.6.10. Computer simulation of tidal flow in UmQaser River No.1. M.Sc. thesis (In Arabic), 2003 / college of science.

4.6.11. The role of soil conditioners and wind breaks in limiting of sand dunes movement and protection of plant cover in some Basrah’ s areas. M.Sc. thesis (In Arabic), 2002 / College of agriculture.

4.6.12. A three – dimension model for the sea currents in Khor Al-Zubair. M.Sc. thesis (In Arabic), 2002 / college of science.

- 4.6.13. Effects of ground water level fluctuation on the engineering properties of soil foundation in Basrah. M.Sc. thesis (In Arabic), 2001 / college of science.
- 4.6.14. Sedimentological and petrophysical study of reservoir of Nahr Umr Formation, in Luhais field, south of Iraq. M.Sc. thesis (In Arabic), 2001 / college of science.
- 4.6.15. Study of textural, mineralogical composition and amount of aeolian deposits in Basrah. M.Sc. thesis (In Arabic), 2000 / College of agriculture.
- 4.6.16. A study on the sedimentary environments of the Holocene period, south of Iraq. M.Sc. thesis (In Arabic), 1998 / college of science.
- 4.6.17. Geotechnical properties of Shatt Al-Basrah sediments and their ability to erosion. M.Sc. thesis (In Arabic), 1996 / College of agriculture.

4.7. Committee of MSc. Or PhD. Examination:

- 4.7.1. Member or Head of more than 35 committee of M.Sc. or Ph.D. thesis Examination.

4.8. Consultations:

- 4.8.1. Consultant in General Co. of Iraqi Ports concerning marine dredging / 2001-2002.
- 4.8.2. Consultant in General Co. of Electrical Power Generation concerning the utilization of tide energy / 2002-2003.
- 4.8.3. Consultant in Ibn Majed Company concerning the site investigation for proposed area for marine industry / 2002.
- 4.8.4. Consultant in Ministry of Foreign Office for the marine border line / 2001-2003.

4.9. Researches and Publications:

4.4.1. In Arabic:

1. Albahili, N. Kh., Albadran, B., and Al-Hadi, S., 2009. The Effect of Some soil Properties on Bank Stability of Shatt Al-Arab River from Sindibad to Umm Al-Ressass Islands. Mesop. J. Mar. Sci. vol. 24(1), pp.51-64.
2. Issa, B.M., Albadran, B., and Al-Shahwan, M.F., 2009. Sedimentological and paleontological study of tidal flat sediments of Khor Al-Zubair and Khor Abdullah, NW of Arabian Gulf. Mesopotamian Journal of Marine Science, vol. 24(2), pp. 86-97.

3. Hassan, W.F., Albadran, B.N. and Faraj, M.A., 2008. The Geochemical Distribution of Trace Metals in Shatt Al-Arab River Sediments. *Marina Mesopotamica*, 23(2), pp. 419-436.
4. Hassen, H.K., Albadran, B., and Al-Khiat, N.N., 2008. Sedimentological and geomorphological properties of Iraqi coast. *Proceedings of Scientific Conference For Marine Sciences, Marine Science Center/ University of Basrah*, pp.47-62. .
5. Hassen, H.K., Albadran, B., and Al-Khiat, N.N., 2008. Quality of the infiltration water in soil of Iraqi coast. *Proceedings of Scientific Conference for Marine Sciences, Marine Science Center/ University of Basrah*, pp.151-165.
6. Albahili, N. Kh., Albadran, B., and Al-Hadi, S., 2007. The Effect of The Erosion types on The Topography of Shatt Al-Arab River. *Basrah J.of Science (C)*, vol.25(1), pp. 96-116..
7. Albadran, B., 2004. Delta Shatt Al-Arab, south Iraq-Sedimentological study . *Marina Mesopotamica*, 19(2), pp. 311-322.
8. Wasel, S.O. and Albadran, B., 2003. Sedimentology and mineralogy of rocky island in Khor Al-Zubair, NW Arabian Gulf. *Marina Mesopotamica*, 18(1), pp. 43-54.
9. Albadran, B., 2001. The delta of Shatt Al-Arab, south Iraq. 5th Conf. Of Iraqi Ports.
10. Albadran, B., 2001. The future sights of marine dredging operation. 5th Conf. Of Iraqi Ports.
11. Al-Ali, J.T., Hassen, A.C. and Albadran, B., 2001. Evaluation of dust fallouts on Basrah city. *Marina Mesopotamica*, 16(2), pp. 261-272.
12. Al-Ali, J.T., Hassan, A.J.Ch., and Albadran, B., 2001. Field trap for estimation of transported sand quantity by wind erosion. 2nd National Geographical Conf. *Proceedings*, pp. 279-286.
13. Daham, H.A., Al-Marssomy, A.H. and Albadran, B., 2001. Effect of ground water level fluctuation on the mechanical properties of soil in basrah. *Marina Mesopotamica*, 16(2), pp.273-287.
14. Hussain, N., Albadran, B. and Husam, S., 2001. On the use of computer programs in drawing of marine maps. 5th Conf. Of Iraqi Ports.
15. Hassan, A. J. Ch., Albadran, B., and Al-Ali, J.T., 2001. Estimation of transported aeolian deposits at different sites in Basrah province. *Iraqi J. Agric.(special issue)*, v.7(2),pp. 146-156.
16. Al-Dabagh, S. and Albadran, B., 1995. Clay minerals of the surface sediments, NW Arabian Gulf. *Marina Mesopotamica*, 10(1), pp. 223-230.

17. Albadran, B., Abass, M.A. and Hamdan, I., 1995. Evaluation of clay sediments of Basrah district for pottery and ceramic industries. *Marina Mesopotamica*, 10(1), pp. 203-214.
18. Albadran, B., 1992. Sedimentological study of fishing area in the north west of the Arabian Gulf. *Marina mesopotamica*, 7(2), pp. 275-289.
19. Albadran, A., Albadran, B. and Al-Hilo, A.A., 1991. Sedimentological and ecological study of fish culture bond in Khor Al-Zubair. *Marina mesopotamica*, 6(2), pp. 301-318.
20. Albadran, B., 1988. On the Use of Geotechnical properties in the identification of sedimentary environments. *Oceanography of Khor Al-Zubair, Basrah* 5-7/12/1988, pp. 71-86.

4.4.2. In English:

1. Alwahaely, U. Q., Albadran, B.N. and Al-Mulla, S.T., 2013. Geomorphologic Study Of Umm Al Raşaş Island and Its Surrounding Channels, Shatt Al-Arab River, Southern Iraq. *ARPN Journal of Science and Technology*, VOL. 3, NO. 4, pp. 408-414.
2. Hritz, C., Pournelle, J.R., Smith, J., Albadran, B.N., Al-Handal, A. and Issaa, B.M., 2012. MID-HOLOCENE DATES FOR ORGANIC-RICH SEDIMENT, PALUSTRINE SHELL, AND CHARCOAL FROM SOUTHERN IRAQ. *RADIOCARBON*, Vol 54, Nr 1, 2012, p 65-79 .
3. Al-Kazaeh, D.K., Awad, K.M. and Albadran, B., (In Press). Physiochemical Behavior of Carbonate Minerals in Soils, Sediments and Water of Tidal Flats Northern West Part of Arabian Gulf and Shatt Al-Arab River. 2ed Conference of Marshes Rehabilitation South Iraq.
4. Al-Tai, M. A.J., Ali, A.A.M. and Albadran, B.N., 2009. Improvement of selected parts of Basrah governorate soil using resorcinol resin. *Basrah Journal of Science (C)*, vol. 27(1), pp. 1-16.
5. Albadran, B., 2006. Sedimentology and mineralogy of the Al-Hammar marsh / southern Iraq: A review. *Marsh Bulletin*, 1(1), pp. 32-39.
6. Albadran, B. and Mahmood, R.A., 2006. Geotechnical properties and aerial distribution of bearing strata along the Shatt Al-Arab River bank from Qurna to Fao. *Marina Mesopotamica*, 21(1), pp. 45-56.
7. Al-Tai, M. A.J., Ali, A.A.M. and Albadran, B.N., 2006. Improvement of selected parts of Basrah governorate soil using resol resin. *Iraqi J. Polymers*, 9(1), pp. 61-72.
8. 26. Al-Ainachy, I.H. and Albadran, B., 2005. River branches (creeks) banks

- stability in Khor Al-Zubair area-NW the Arabian Gulf. Basrah J. of Science (B), 23(1), pp.42-58.
9. . Al-Baidhany, A. and Albadran, B., 2005. Biofacies and sedimentary environments of recent sediments of southern part of Mesopotamian plain. J. Basrah Researches (sciences), v.31, part.3. pp.13-20.
 10. Albadran, B. and Hassen, W.F., 2003. Clay minerals distribution in supratidal region, south of Basrah. Marina Mesopotamica, 18(1), pp. 25-33.
 11. Al-Baidhany, A., Darmonoian, S. and Albadran, B., 2002. Evaluation of Holocene sedimentary environments of the southern part of Iraq. Basrah J. of Science, B, v.20(1), pp.73-86.
 12. Albadran, B., Al-Manssory, F. and Al-Bahily, N.,2002. Erosion and sedimentation in the Shatt Al-Arab River, south of Iraq. Marina Mesopotamica, 17(2), pp. 285-292.
 13. Albadran, B., Al-Mahdi, A.A., and Abdullah, S.S., 2001. Progression of the tidal wave in the Shatt Al-Arab River, south of Iraq. Marina Mesopotamica, 16(1), pp. 89-100.
 14. Albadran, B. 2000. Clay Mineral distribution in selected locations along the Tigris and Shatt Al-Arab rivers, south Iraq. Marina Mesopotamica, 15(2), pp. 439-452 .
 15. Albadran, B. and Al-Bahily, N., 1999. Some aspects on the geotechnical properties of the Shatt Al-Arab river sediments near Basrah city, southern Iraq. Marina Mesopotamica, 14(1),pp.109-117.
 16. Albadran , B. and Al-Manssory, F., 1999. Distribution pattern of the Shatt Al-Arab recent sediments near Basrah city, south Iraq. Marina Mesopotamica, 14(2), pp.381-394.
 17. Ashoor, S. and Albadran, B., 1998. Deltaic cycle of the upper shale member of the Zubair Formation in Luhais oil field, SW Iraq. Basrah J. of Science, C, v. pp.73-78.
 18. Al-Bahily, N., Albadran, B. and Al-Hadi, S., 1998. The geotechnical properties of Shatt Al-Basrah sediments and their liability to erosion. Marin Mesopotamica, 13(2), p. 327-336.
 19. Albadran, A. and Albadran, B., 1997. Distribution of bearing strata and their engineering properties in Basrah region, south of Iraq. Basrah J. of Science, 15(1), p.99-104.

20. Albadran, B. and El-Sherbini, M., 1997. Geclex: A sedimentological expert system. *Basrah J. of Science*, 15(1), p.111-116.
21. Albadran, B., Al-Saadoon, B. and Jassim, T., 1996. Flow characteristic measurements of Shatt Al-Basrah canal, south of Iraq. *Marina Mesopotamica*, 11(2), pp.299-310.
22. Albadran, B., Al-Beyati, F. and Abdullah, Y., 1996. Heavy minerals distribution in the lower part of the Shatt Al-Arab river, S. Iraq. *Marina Mesopotamica*, 11(1), p.17-26.
23. Albadran, B., 1995. Lithofacies of recent sediments of Khor Abdallah and the Shatt Al-Arab delta, NW Arabian Gulf. *Iraqi J. of Science*, 36(4), p.1133-1147 .
24. Albadran, B., Abass, M. and Hamdan, E., 1995. Possibility of using the sediments of Khor Al-Zubair and Khor Abdallah in some ceramic industries. *Iraqi Geological J.*, 28(2), p. 209-215.
25. Albadran, B., Al-Beyati, F. and Khalaf, Y., 1995. Preliminary study on the sediment facies of the Shatt Al-Arab river, south of Iraq. *J. of Water Resources*, 14(1).
26. Albadran, A. and Albadran, B. 1994. Geotechnical properties of Khor Al-Zubair and Khor Abdallah sediments, NW of the Arabian Gulf. *Iraqi J. of Science*, 35 .
27. Albadran, B. and Albadran, A., 1993. Depositional environments of Khor Abdallah entrance NW of the Arabian Gulf. *Iraqi Geological J.* 26(2), p. 133-146.
28. Albadran, B. and Albadran, A. 1993. Sedimentological characteristics of the offshore sediments of the Khor Abdallah entrance NW Arabian Gulf. *J. Of Water Resources*, 2(1), pp. 17-34.
29. Khan, N.M., Albadran, A. and Albadran, B., 1992. Some engineering aspects of the alluvial deposits at Basrah region, S. Iraq. *Iraqi Geological J.*, 25(1), p.80-91.
30. Albadran, B., El-Sherbini, M. and Ali, S., 1990. Oriented computer approach in geology: sedimentological model(Geoexpert). *Marina Mesopotamica*, 5(2),p.283-292.
31. Albadran, B., 1990. Marine sediments behaviour against the natural compaction. 2ed conference of Saddam Dam Research Centre, Mosul, 1990.
32. Albadran, B. et Chassifier, B., 1985. Proprietes geotechniques des sediments de la Mediterranee Orientale. XXIX congress and planetary Assempley of I.C.S.E.M., 1985, Lucerne, Swizerland.

4.10. Internal Reports (In Arabic):

1. Sediments of fishing area in the Iraqi marine waters / 1990.
2. Possibility of using of marine dredging sediments / 1992.
3. Topographic survey of Tigris and Shatt Al-Arab Rivers / 1995.
4. Hydrographic survey of Shatt Al-Arab River from Maqil to Fao / 1998.
5. Geology of North – West of the Arabian Gulf / 1999.

4.11. Contracting project reports(In Arabic):

1. Oceanographic survey of Khor Al-Zubair, for University of Baghdad / 1997.
2. Oceanographic survey of Shatt Al-Arab River, for environmental protection council / 1997.
3. Local survey for pipeline on the Shatt Al-Basrah, for Waffa project / 1998.
4. Geology of the Arabian Gulf for Marine Force / 1998.
5. Topographic survey of proposed jetty in Abu Al-Floss, for Al-Barak Co. / 1998.
6. Identification of position of wreck in Iraqi marine waters, for Al-Sadik Co. / 1999.
7. Environmental monitoring of Shatt Al-Arab River, for environmental protection council / 1999.
8. Evaluation of salinity, sulphates and grade of construction materials, for ministry of Irrigation / 1999.
9. Topographic survey of proposed jetty in Abu Al-Folos, for Al-Barak Co. / 1999.
10. Cross – sectional measuring of Wafa canal, for ministry of irrigation / 1999.
11. Evaluation of banks of Wafa canal, for ministry of irrigation / 1999.
12. Geology of the Arabian Gulf, for marine force / 1999.
13. Hydrographic survey of Shatt Al-Arab River from Maqil to the Arabian Gulf, for ministry of irrigation / 2000.
14. Treatment of sedimentation in Umm Qasi river no.1, for Iraqi Ports Co. / 2001.
15. Water currents measurements of Khor Al-Zubair and wind speed measurements in basrah and Nasiriya, for General Co. of Electrical Power Generation / 2001.