

CURRICULUM VITAE

Name : **ABDULRAHMAN SULTAN ALSHARHAN**

Date of birth : 15/9/1954
United Arab Emirates

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ACADEMIC QUALIFICATIONS

1. B.Sc. in Geology, Cairo University, Egypt (1974-1978).
2. M.Sc. in Geology, University of South Carolina, USA (1981-1983).
3. Ph.D. in Geology, University of South Carolina, USA (1983-1985).

PRESENT POSITION

- Chairman of Ras Al Khaimah Cement Company
- Chairman of International Center for Biosaline Agriculture, Dubai

PREVIOUS POSITIONS

- Professor at UAE University (1986-2013)
- Dean, Faculty of Science, UAE University (1995-2003).
- President of American Association of Petroleum Geologists, Middle East region (2011-2013).
- Director of Environmental Science Master Program UAE University.
- Director, Desert and Marine Environment Research Center, including Tissue Culture (Palm Trees) Laboratory and Salt Tolerant Plants Project, UAE University (1990-1996).
- Assistant Deputy Vice Chancellor for Academic Affairs, UAE University (1994-1995).

- Assistant Dean for Scientific Research, U.A.E. University, Faculty of Science. (1992-1994).
- Head of Petroleum and Mineral Resources Section, Desert and Marine Environment Research Centre, U.A.E. University (1987-1990)
- Graduate Student, Department of Geology, University of South Carolina, U.S.A. (1981-1985).
- Teaching Assistant, Department of Geology, U.A.E. University (1980-1981).
- Geologist, Ministry of Petroleum and Mineral Resources, U.A.E. (1978-1980).

PROFESSIONAL MEMBERSHIPS

1. American Association of Petroleum Geologists, Tulsa, Oklahoma, U.S.A.
2. Society of Economic Paleontologists and Mineralogists, Tulsa, Oklahoma, U.S.A.
3. International Association of Sedimentologists, The Netherlands.
4. Geological Society of London, London, United Kingdom.
5. Third World Academy of Sciences, Trieste-Italy.

PROFESSIONAL SERVICES

1. President of American Association of Petroleum Geologists(USA) for Middle East Region (2011-2013).
2. General Secretary of Emirates Appreciation Prize for Environment (2012-2016).
3. Member board of Directors for the UAE Federal Environment Authority (1995-2005).
4. Member (& then President) of Gulf Cooperation Council Prize for Best Environmental Practices (1997-2003).
5. Member of Advisory Board for Dubai Police Community Services (2000-present).
6. Member of Higher Committee for Zayed International Prize for Environment, Dubai (1999-2016).

MERITS/AWARDS

1. Honorary Membership Award from American Association of Petroleum Geologists, USA, 2015.
2. Gulf Cooperation Council (GCC) Award for Best Environmental Practices – Personality Environmental Award, Jeddah, Saudi Arabia, 2013
3. UAE Appreciation Award for Research and Environmental Studies.2010

4. The Islamic Educational, Scientific and Cultural Organization (ISESCO) Science Award in recognition of meritorious achievements in the field of Geology.2001
5. Awarded a Certificate of New Century Awarded given by Barons Who's Who (USA) as a member of THE GLOBAL 500, which includes those who have been cited as Leaders for the New Century, based upon their unique accomplishments and contributions to society, USA,2000
6. Award Certificate from American Biographical Institution for the achievement HALL OF FAME for outstanding contribution to the field of "Petroleum Geology of the Middle East",1999.
7. Distinguished Leadership Award for outstanding contribution to contemporary society, induced by the American Biographical Institute, USA,1999
8. Certificate for Outstanding Accomplishment in the 1998 edition of International Who's Who of 20th century achievement for contribution to the field of geology from American Biographical Institute, USA.1995
9. Certificate given by the Director General's Honors List of International Biographical Centre, Cambridge, England, for the contribution of Research and Studies on Petroleum Geology of the Middle East.1998
10. Awarded a Diploma of Honor - Twentieth Century Award for Achievement in recognition of outstanding achievements in the field of Geology given by the International Biographical Centre, Cambridge, England .1997
11. Certificate of Merit inducted by the American Biographical Institute, USA to the international book of honor "Millennium Hall of Fame" , for significant contributions to international society during the 20th century.1997
12. Awarded a Diploma of International Charter by the American Biographical Institute, U.S.A., in the biographical recording of the life and achievements in the renowned Fifth World Edition of International Book of Honour featuring a select of group of 500 exceptional men and women.1997
13. Testimonial of Merit for achievements and leadership given by the American Biographical Institute, USA, distinguished biography was published in the 7th edition of The International Directory of Distinguished Leadership.1997
14. Certificate of Twentieth Century Achievement Award given by the Board of Directors of American Biographical Institute, USA, for achievements and social contributions selected in Five Hundred Leaders of Influence.1997
15. Distinguished in the international acclaimed Marquis Who's Who in the World - 13th edition - as well as in the latest edition, New Jersey, U.S.A.1996
16. Certificate of Merit for Distinguished Service which is the subject of notice in volume 25 of the Dictionary of International Biography, U.K.1996

17. Magnificent and Distinguished Eminent Fellow Award given by the Board of Trustees of American Biographical Institute, USA, in recognition of superb achievements within the community of mankind.1996
18. Awarded Membership of Third World Academy of Sciences (TWAS-Italy), in recognition of outstanding contributions to the development of science.1996
19. Best Scientific Research Award in the Faculty of Science- given by the U.A.E. University,1995
20. Abdul Hamid Shoman Award for Best Youth Arab Scientists in the field of Geology, Amman, Jordan,1995.
21. Fulbright Scholarship at the University of South Carolina, U.S.A.1990

BOOKS

1. Rizk, Zain and **ALSHARHAN, A.S.** (2009). **Water Resources of United Arab Emirates** (in Arabic), Published in Amman, Jordan, 650p.
2. **A.S. ALSHARHAN**, Z.A. Rizk, A.E.M. Nairn, D.W. Bakhit and S.A. Alhajari (2001). **Hydrogeology of an Arid Region: The Arabian Gulf and Adjoining Areas.** Elsevier Science, The Netherlands, 331p.
3. **A.S. ALSHARHAN** and Nairn, A.E.M (1997). **Sedimentary Basins and Petroleum Geology of the Middle East**, published by Elsevier Publishing Company, The Netherlands, 942p. ISBN 0-444-82465--0.
4. Kendall, C.G.St.C. and **A.S. ALSHARHAN** (2011) (editors). **Quaternary Carbonate and Evaporite Sedimentary Facies and their Ancient Analogues.** Special publication No. 43, International Association of Sedimentologists, The Netherlands.
5. **A.S. ALSHARHAN**, W.W. Wood, A.S. Goudie, A. Fowler and E. Abdellatif (2003). (editors). **Desertification in the Third Millennium.** A.A. Balkema/Swets & Zeitlinger Publishers, Rotterdam, The Netherlands.
6. **A.S. ALSHARHAN** and W.W. Wood (2003) (editors). **Water Resources Perspectives: Evaluation Management and Policy.** Elsevier publishing Company, Rotterdam, The Netherlands.
7. **A.S. ALSHARHAN** and R.W. Scott (2000) (editors). **Middle East Models of Jurassic/Cretaceous Carbonate Systems.** Published as a special publication # 69, SEPM (Society of Sedimentary Geology), Tulsa, OK, USA., 351 p.
8. **A.S. ALSHARHAN**, K.W. Glennie, G.L. Whittle and C.G.St.C. Kendall (1998). (editors). **Quaternary Deserts and Climatic Change.** Published by Balkema, Rotterdam, Netherlands, 621 p. ISBN 90 5410 5976.

PUBLISHED PAPERS IN REFEREED INTERNATIONAL JOURNALS

21. ALSHARHAN, A.S. and Salah, M.G. (1997). The Miocene Kareem Formation in the Southern Gulf of Suez, Egypt: A review of Stratigraphy and Petroleum Geology: *Journal of Petroleum Geology, The Netherlands*, v. 20, n. 3, pp. 327-346.
22. ALSHARHAN, A.S. and Salah, M.G. (1997). Tectonic implications of diapirism in hydrocarbon accumulation in United Arab Emirates: *Bulletin of Canadian Petroleum Geology, Canada*, v. 45, n. 3, p. 279-296.
23. ALSHARHAN, A.S. and Salah, M.G. (1997). Common source rocks for the Egyptian and Saudi Hydrocarbon in the Red Sea: *American Association of Petroleum Geologists Bulletin, U.S.A.*, v. 81, n. 10, p. 1640-1659.
24. Whittle, G.L. and ALSHARHAN, A.S. (1996). Diagenetic history and source rock potential of the Upper Jurassic Diyab Formation, offshore Abu Dhabi, United Arab Emirates: *Carbonates and Evaporites, U.S.A.*, v.11, no. 2, p. 145-154.
25. Salah, M.G. and ALSHARHAN, A.S. (1996). Structural influence on Hydrocarbon Entrapment in the Northwestern Red Sea, Egypt: *American Association of Petroleum Geologists Bulletin, U.S.A.*, v. 80, no. 1, pp. 101-118.
26. ALSHARHAN, A.S. and Salah, M.G. (1996). Geologic Setting and Hydrocarbon potential of North Sinai, Egypt: *Bulletin of Canadian Petroleum Geology, Canada*, v.44, no. 4, P. 615-631.
27. ALSHARHAN, A.S. and Whittle, G.L. (1995). Carbonate-Evaporite Sequences of the Late Jurassic, Southern and Southwestern Arabian Gulf: *American Association of Petroleum Geologists Bulletin, U.S.A.*, v. 79, no. 11, pp. 1608- 1630.
28. ALSHARHAN, A.S. and Kendall, C.G.St.C. (1995). Facies variation, depositional setting and hydrocarbon potential of the Upper Cretaceous rocks in the UAE: *Cretaceous Research, U.K.*, 16, pp. 435-449.
29. ALSHARHAN, A.S. (1995). Facies variation, diagenesis and exploration potential of the Cretaceous rudist-bearing carbonates of the Arabian Gulf: *American Association of Petroleum Geologists Bulletin, U.S.A.*, v.79, no. 4, pp. 531-550.
30. ALSHARHAN, A.S. (1995). Sedimentology and depositional setting of the Late Cretaceous Fiqa Formation in the United Arab Emirates: *Cretaceous Research, U.K.*, v.16, pp. 39-51.
31. ALSHARHAN, A.S. and Nairn, A.E.M. (1995). Tertiary of the Arabian Gulf: sedimentology and hydrocarbon potential. *Palaeogeography, Palaeoclimatology, Palaeoecology, The Netherlands*, v. 114, pp. 369-38.
32. ALSHARHAN, A.S. and Whittle, G.L. (1995). Sedimentary-diagenetic interpretation and reservoir characteristics of the Middle Jurassic (Araej Formation) in the southern Arabian Gulf: *Marine and Petroleum Geology, U.K.*, v. 12, no. 6, pp. 615-628.
33. Whittle, G.L. and ALSHARHAN, A.S. (1995). Observations on the diagenesis of the Lower Triassic Sudair Formation, Abu Dhabi, UAE: *Facies, Germany*, v.32, pp. 85-194.

34. ALSHARHAN, A.S. and Magara K. (1995). Nature and distribution of porosity and permeability in Jurassic carbonate reservoirs of the Arabian Gulf Basin: *Facies, Germany*, v.32, no. 32, pp. 37-254.
35. ALSHARHAN, A.S. and Salah, M.G. (1995). Geology and hydrocarbon habitat in rift setting: northern and central Gulf of Suez, Egypt: *Bulletin of Canadian Petroleum Geology, Canada*, v. 43, no. 2, pp. 156-176.
36. ALSHARHAN, A.S. (1994). Albian clastics in the western Arabian Gulf region: A sedimentological and petroleum-geological interpretation: *Journal of Petroleum Geology, U.K.*, v.17, no. 3, pp. 279-300.
37. ALSHARHAN, A.S. and Nairn, A.E.M. (1994). The Late Permian carbonates (Khuff Formation) in the western Arabian Gulf: its hydrocarbon parameters and paleogeographical aspects: *Carbonates and Evaporites, U.S.A.*, v.9, n. 2, pp. 132-142.
38. ALSHARHAN, A.S. and Salah, M.G. (1994). Geology and hydrocarbon habitat in rift setting: Southern Gulf of Suez, Egypt: *Bulletin of Canadian Petroleum Geology, Canada*, v. 42, n. 3, pp. 312-331.
39. ALSHARHAN, A.S. and Nairn, A.E.M. (1994). Geology and hydrocarbon habitat in the Arabian Basin: the Mesozoic of the State of Qatar: *Geologie en Mijnbouw, Dordrecht, The Netherlands*, v. 72, pp. 265-294.
40. ALSHARHAN, A.S. and Kendall, C.G.St.C. (1994). Depositional setting of the Upper Jurassic Hith Anhydrite of the Arabian Gulf an analogue to Holocene Evaporite of the United Arab Emirates and Lake Macleod of western Australia: *American Association of Petroleum Geologists Bulletin, U.S.A.*, v. 78, n.7, pp. 1075-1096.
41. ALSHARHAN, A.S. (1994). Geology and hydrocarbon occurrences of the clastic Permo-Carboniferous in the central and eastern Arabian Basin: *Geologie en Mijnbouw, Dordrecht, The Netherlands*, v.73, pp. 63-78.
42. ALSHARHAN, A.S., Nairn, A.E.M. and Mohammed, A. (1993). Late Palaeozoic glacial sediments of the southern Arabian Peninsula: their lithofacies and hydrocarbon potential: *Marine and Petroleum Geology, U.K.*, v.10, pp. 71-78.
43. ALSHARHAN, A.S. (1993). Sedimentary facies analysis of the subsurface Triassic and hydrocarbon potential in the United Arab Emirates: *Facies, Germany*, v. 28, pp. 97-108.
44. ALSHARHAN, A.S. (1993). Facies and sedimentary environment of the Permian carbonates (Khuff Formation) in the United Arab Emirates: *Sedimentary Geology, The Netherlands*, v. 84, pp. 89-99.
45. ALSHARHAN, A.S. (1991). Sedimentological Interpretation of the Albian Nahr Umr Formation in the United Arab Emirates: *Sedimentary Geology, The Netherlands*, v.80, pp. 317-327.
46. ALSHARHAN, A.S. and Kendall, C.G.St.C. (1991). Cretaceous chronostratigraphy, unconformities and Eustatic Sea-level changes in the sediments of Abu Dhabi, UAE: *Cretaceous Research, U.K.*, v. 12, pp. 379-401.

47. Hamdan, A.R.A. and ALSHARHAN, A.S. (1991). Palaeoenvironments and Palaeoecology of the Rudist in the Shuaiba Formation (Aptian), UAE: *Journal of African Earth Sciences*, Pergamon Press, The Netherlands, v.11(4), pp.569-581.
48. Kendall, C.G.St.C., Bowen, B., ALSHARHAN, A., Cheong, D., Stoudt, D. (1991). Eustatic controls on carbonate facies in reservoir and seals associated with Mesozoic hydrocarbon fields of the Arabian Gulf and Gulf of Mexico: *Marine Geology*, The Netherlands, v. 102, pp. 215-238.
49. ALSHARHAN, A.S. and Nairn, A.E.M. (1990). A review of the Cretaceous Formation in the Arabian Peninsula and Gulf: Part III. Upper Cretaceous (Aruma Group) Stratigraphy and Paleogeography: *Journal of Petroleum Geology*, U.K., v.13(3), pp. 247-266.
50. ALSHARHAN, A.S. (1990). Geology and reservoir characteristics of Lower Cretaceous Kharab Formation in Zakum Field, Abu Dhabi, United Arab Emirates: *In Classic Petroleum Provinces*, Brooks, J. (ed.), Geological Society Special Publication no. 50, U.K., pp. 299-316.
51. ALSHARHAN, A.S. (1989). Petroleum Geology of the United Arab Emirates. *Journal of Petroleum Geology of the United Arab Emirates: Journal of Petroleum Geology*, v. 12(3), pp. 253-288, U.K.
52. Aldabal, M.A. and ALSHARHAN, A.S. (1989). Geological Model and reservoir evaluation of the Lower Cretaceous Bab Member in the Zakum Field, Abu Dhabi, UAE: *In: 6th Middle East Oil Show*, Society of Petroleum Engineers SPE, Bahrain.
53. ALSHARHAN, A.S. and Nairn, A.E.M. (1988). A review of the Cretaceous Formations in the Arabian Peninsula and the Gulf: Part II. Mid-Cretaceous (Wasia Group) Stratigraphy and Paleogeography: *Journal of Petroleum Geology*, U.K., v.11, pp. 89-112.
54. ALSHARHAN, A.S. and Williams, D.F. (1988). Petrography and stable isotope of baroque dolomite from the Shuaiba Formation, Abu Dhabi, UAE: *Journal of African Earth Sciences*, Pergamon Press, The Netherlands, v. 6(6), pp. 881-890.
55. ALSHARHAN, A.S. (1987). Geology and reservoir characteristics of the carbonate buildup in the Giant by Hasa oilfield, Abu Dhabi, UAE: *American Association of Petroleum Geologists Bulletin*, U.S.A., v. 71(10), pp. 1304-1318.
56. ALSHARHAN, A.S. and Nairn, A.E.M. (1986). A review to the Cretaceous formations in the Arabian Peninsula and the Gulf: Part I. Lower Cretaceous (Thamama Group) Stratigraphy and Paleogeography: *Journal of Petroleum Geology*, England, U.K., v. 9, pp. 365-391.
57. ALSHARHAN, A.S. and Kendall, C.G.St.C. (1986). Precambrian to Jurassic rocks of the Arabian Gulf and adjacent areas: their facies, depositional setting and hydrocarbon habitat: *American Association of Petroleum Geologists Bulletin*, U.S.A., v. 70, pp. 977-1002.
58. ALSHARHAN, A.S. (1985). Depositional environments reservoir units evolution and hydrocarbon habitat of Shuaiba Formation (Lower Cretaceous) of Abu Dhabi, UAE: *American Association of Petroleum Geologists Bulletin*, U.S.A., v. 69, pp. 899-912.

B) PAPERS RELATED TO WATER AND ENVIRONMENT

1. ALSHARHAN, A.S. (2008). Water Resources in the Emirate of Abu Dhabi. Chapter 5 in *Terrestrial Environment of Abu Dhabi Emirate*, published by

- Environmental Authority, Abu Dhabi, United Arab Emirates, 42 pages.
2. Rizk, Z.S. A.S. ALSHARHAN, and W.W. Wood (2007). Sources of Dissolved Solids and Water in Wadi Al Bih aquifer, Ras Al Khaimah Emirate, United Arab Emirates. *Hydrogeology Journal*, v. 15, p. 1553-1563.
 3. Rizk, Z.S. and A.S. ALSHARHAN (2006). Water resources and integrated management in the United Arab Emirates (in Arabic).
 4. ALSHARHAN, A.S. and Z.S. Rizk (2006). Hydrology and hydrogeology of Wadi Dibba, eastern province of the United Arab Emirates.
 5. Rizk, Z.S. and A.S. ALSHARHAN (2003). Hydrogeology, groundwater chemistry and isotope hydrology of the Quaternary Liwa Aquifer in the Western Region of the United Arab Emirates. 6th Gulf Water Conference, 8-12 March 2003, Riyadh, Saudi Arabia, p. 155-183.
 6. Rizk, Z.S. and A.S. ALSHARHAN (2003). Geographical information system modeling of groundwater potentiality in the Northeastern part of the United Arab Emirates *In: A.S. Alsharhan, W.W. Wood, A.S. Goudie, A. Fowler and E.M. Abdellatif (eds.), Desertification in the Third Millennium, Balkema Publishers, p.423-434.*
 7. Rizk, Z.S. and A.S. ALSHARHAN (2003). Water resources in the United Arab Emirates. *In: A.S. Alsharhan, W.W. Wood (eds.), Water Resources Perspectives: Evaluation, Management and Policy, Developments in Water Series #50, Elsevier Publishers, p.245-264.*
 8. Rizk, Z.S., ALSHARHAN, A.S. and Shindo, S., (1997). Evaluation of groundwater resources of United Arab Emirates. *Proceedings of the 3rd Gulf Water Conference, Muscat, Sultanate of Oman, v. 1, p. 95-122.*
 9. Rizk, Z.S. and A.S. ALSHARHAN (1999). Application of natural isotopes for hydrogeologic investigations in United Arab Emirates. *Proceedings of the 4th Gulf Water Conference, Bahrain, 13-17 February, 1999, v. 1, p. 197-228.*
 10. ALSHARHAN, A.S. and A.A. El-Sammak (2004). Grain-size analysis and characterization of sedimentary environments of the United Arab Emirates coastal area. *Journal of Coastal Research*, v.20(1), p. 464-477.
 11. ALSHARHAN, A.S. and C.G.St.C. Kendall (2003). Holocene coastal carbonates and evaporites of the southern Arabian Gulf and their ancient analogues. *Earth-Science Reviews*, v. 61, p. 191-243
 12. Wood, W.W., Z.S. Rizk and A.S. ALSHARHAN (2003). Timing of recharge, and the origin, evolution, and distribution of solutes in a hyperarid aquifer system. *In: A.S. Alsharhan, W.W. Wood (eds.), Water Resources Perspectives: Evaluation, Management and Policy, Developments in Water Series #50, Elsevier Publishers, p.295-312.*
 13. Kendall, C.G.St.C., P. Lake, H.D. Weathers III, V. Lakshmi, J. Althausen and A.S. ALSHARHAN (2003). Evidence of rain shadow in the geologic record: repeated evaporite accumulation at extensional and compressional plate margins. *In: A.S. Alsharhan, W.W. Wood, A.S. Goudie, A. Fowler and E.M. Abdellatif (eds.), Desertification in the Third Millennium, Balkema Publishers, p.45-52.*
 14. Lakshmi, V., C.G.St.C. Kendall, J. Althausen and A.S. ALSHARHAN (2003). Studies of local climate change in United Arab Emirates using satellite data. *In: A.S. Alsharhan, W.W. Wood, A.S. Goudie, A. Fowler and E.M. Abdellatif (eds.), Desertification in the Third Millennium, Balkema Publishers, p.61-66.*
 15. Kendall, C.G.St.C., V. Lakshmi, J. Althausen and A.S. ALSHARHAN (2003). Changes in microclimate tracked by the evolving vegetation cover of the Holocene

- beach ridges of the United Arab Emirates. *In: A.S. Alsharhan, W.W. Wood, A.S. Goudie, A. Fowler and E.M. Abdellatif (eds.), Desertification in the Third Millennium*, Balkema Publishers, p.91-98.
16. Althausen, J.D. Jr., C.G.St.C. Kendall, V. Lakshmi, A.S. ALSHARHAN and G.L. Whittle (2003). Using satellite imagery and GIS in the mapping of coastal landscapes in an arid environment: Khor Al Bazam, Western Abu Dhabi, United Arab Emirates. *In: A.S. Alsharhan, W.W. Wood, A.S. Goudie, A. Fowler and E.M. Abdellatif (eds.), Desertification in the Third Millennium*, Balkema Publishers, p.415-422.
17. Kendall, C.G.St.C., A.S. ALSHARHAN and A. Cohen (2002). The Holocene tidal flat complex of the Arabian Gulf coast of Abu Dhabi. *In: Hans-Jorg Barth and Benno Boer (Eds.), Sabkha Ecosystems, Volume I: The Arabian Peninsula and Adjacent Countries*, Kluwer Academic Publishers, p. 21-36.
18. ALSHARHAN, A.S. and C.G.St.C. Kendall (2002). Holocene carbonate-evaporites of Abu Dhabi, and their Jurassic ancient analogs. *In: Hans-Jorg Barth and Benno Boer (Eds.), Sabkha Ecosystems, Volume I: The Arabian Peninsula and Adjacent Countries*, Kluwer Academic Publishers, p. 187-202.
19. Kendall, C.G.St.C., ALSHARHAN, A.S., and Whittle, G.L. (1998). The flood recharge sabkha model supported by recent inversions of anhydrite to gypsum in the UAE Sabkhas: *In: Alsharhan, A.S., Glennie, K.W., Whittle, G.L. and Kendall, C.G.St.C., (eds), Quaternary Deserts and Climatic Change*, Balkema, Rotterdam, The Netherlands, p. 29-42.
20. Ahmed, E.A., ALSHARHAN, A.S., Soliman, M.A. and Tamer (1998). S. Mineralogical characteristics of the Quaternary sand dunes in the eastern province of Abu Dhabi, United Arab Emirates: *In: Alsharhan, A.S., Glennie, K.W., Whittle, G.L. and Kendall, C.G.St.C., (eds), Quaternary Deserts and Climatic Change*, Balkema, Rotterdam, The Netherlands, p. 85-90.
21. ALSHARHAN, A.S., Ahmed, E.A. and Tamer, S. (1998). Textural characteristics of Quaternary sand dunes in the Eastern Province of Abu Dhabi, United Arab Emirates. *In: Alsharhan, A.S., Glennie, K.W., Whittle, G.L. and Kendall, C.G.St.C., (eds), Quaternary Deserts and Climatic Change*, Balkema, Rotterdam, The Netherlands, p. 91-108.
22. Whittle, G.L., ALSHARHAN, A.S. and Kendall, C.G.St.C. (1998) Petrography of Holocene beachrock and hardgrounds, Abu Dhabi, United Arab Emirates: *In: Alsharhan, A.S., Glennie, K.W., Whittle, G.L. and Kendall, C.G.St.C., (eds), Quaternary Deserts and Climatic Change*, Balkema, Rotterdam, The Netherlands, p. 57-70.
23. Kendall, C.G.St.C., Sadd, J.L. and ALSHARHAN, A.S. (1994). Holocene marine cement coatings on beachrocks of the Abu Dhabi coastline (U.A.E.), an analog for cement fabrics in ancient limestone: *Carbonates and Evaporites*, U.S.A., v.9, n.2, pp. 119-131.

(C) PAPERS RELATED TO GENERAL GEOLOGY

1. A.S. ALSHARHAN (2009). Geology of Abu Dhabi Emirate. Chapter 2 in *Terrestrial Environment of Abu Dhabi Emirate*, published by Environmental Authority, Abu Dhabi, United Arab Emirates, 39 pages.

2. I.A. Al-Jallal and A.S. ALSHARHAN (2005). Arabia and the Gulf. In: Encyclopedia of Geology, R. Selley, R. Cocks and I. Plimer (eds.), Elsevier, p. 140-152.
3. F.N. Sadooni and A.S. ALSHARHAN (2004). Stratigraphy, lithofacies distribution and petroleum potential of the Triassic strata of the Northern Arabian plate. American Association of Petroleum Geologists Bulletin, v. 88(4), p. 515-538.
4. F.N. Sadooni and A.S. ALSHARHAN (2003). Stratigraphy, microfacies, and petroleum potential of the Maaddud Formation (Albian-Cenomanian) in the Arabian Gulf basin. American Association of Petroleum Geologists Bulletin, v. 87(10), p. 1653-1680.
5. M.A. Noweir and A.S. ALSHARHAN (2000). Structural style and stratigraphy of the Huwayyah Anticline: an example of an Al-Ain Tertiary fold, Northern Oman Mountains: GeoArabia, v. 5(3), Bahrain, p. 387-402.
6. M.A. Boukhary, B.D. Carter and A.S. ALSHARHAN (1999). Maastrichtian echinoids from the Simsim Formation, northwestern Oman mountains, UAE: a systematic view and ecological implications: Revue Paleobiology, 18 (2), Geneve, Switzerland, p. 577-595.
7. M. Boukhary and A.S. ALSHARHAN (1998). A stratigraphic lacuna within the Eocene of Qatar: an example of the interior platform of the Arabian Peninsula: Revue Paleobiology., v. 17 (1), Geneve, Switzerland, p. 49-68.
8. Noweir, M.A., ALSHARHAN, A.S. and Boukhary, M.A. (1998). Structural and Stratigraphical Setting of the Faiyah Range, North Western Oman Mountain Front, UAE: Geo Arabia, Bahrain, v. 3, no. 3, p. 387-398.
9. Whittle, G.L., ALSHARHAN, A.S., and El Deeb, W.M.Z. (1996). Facies analysis and early diagenesis of the Middle-Late Eocene Dammam Formation, Abu Dhabi, United Arab Emirates: Carbonates and Evaporites, U.S.A., v.11, no.1, p. 32-41.
10. ALSHARHAN, A.S. and Nasir, S.J.Y. (1996). Sedimentological and geochemical interpretation of a transgressive sequence: the Late Cretaceous Qahlah Formation in the western Oman Mountains, UAE: Sedimentary Geology, The Netherlands, 101, pp. 227-242.
11. Whittle, G.L., ALSHARHAN, A.S., and El Deeb, W.M.Z. (1995). Bio-lithofacies and diagenesis in the Early-Middle Oligocene of Abu Dhabi, United Arab Emirates. Carbonates and Evaporites, U.S.A., v. 10, no. 1, pp. 54-64.
12. Whittle, G.L. and ALSHARHAN, A.S. (1994). Dolomitization and chertification of the early Eocene Rus Formation in Abu Dhabi, UAE: Sedimentary Geology, Elsevier, The Netherlands, v.92, pp. 273-285.
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CHAPTERS IN REFEREED BOOKS

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