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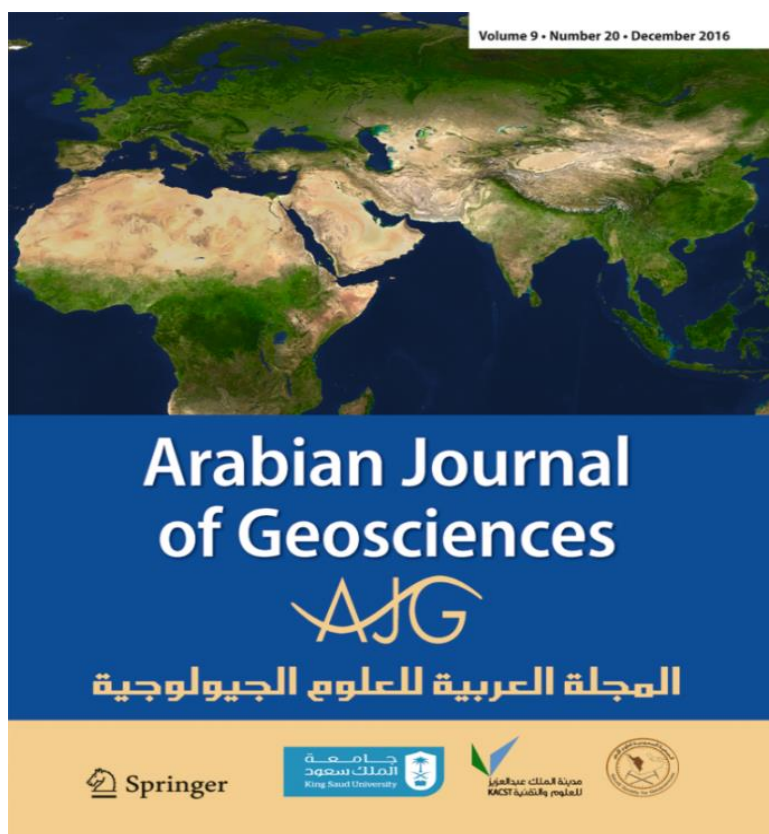
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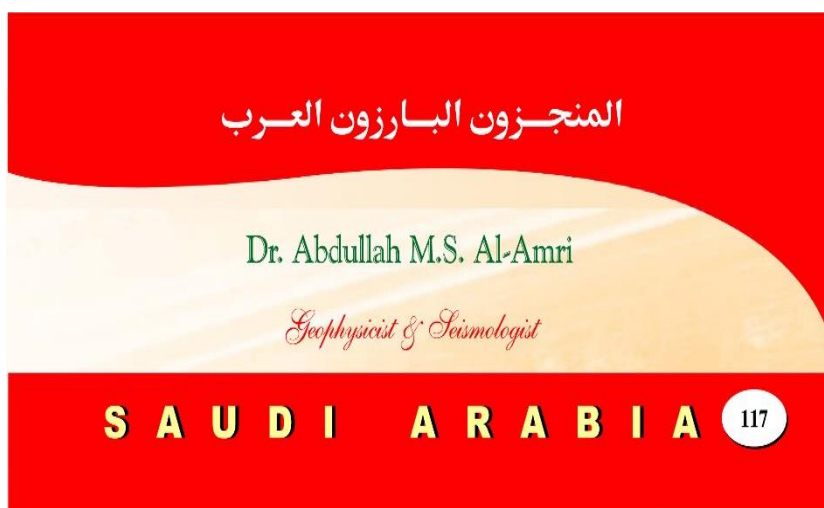
EDUCATIONAL BACKGROUND

- 1977 - 1981 : B.Sc. Geology , University of Riyadh, Saudi Arabia.
- 1983 - 1985 : M.Sc. Applied geophysics and Hydrogeology ,
University of South Florida , Tampa , USA.
- 1987 - 1990 : Ph.D. Geophysics (Earthquake Seismology) ,
University of Minnesota , Minneapolis , MN , USA.



ACADEMIC & ADMINISTRATIVE EXPERIENCES

- 1981 - 1986 : Geological Engineer at the Saudi Arabian Standards Organization.
- 1986 - 1990 : Research Assistant at the Seismological-Geophysical Observatory, KSU
- 1990 - 1994 : Assistant Professor of Geophysics , Dept. of Geology , KSU.
- 1995 - 1997 : Assistant Director of Seismological Observatory, KSU.
- 1995 - 1999 : Associate Professor of Geophysics, Dept. of Geology, KSU.
- 1997 - 1999 : Director of Seismological-Geophysical Observatory, KSU.
- 1999 - Present : Director of Seismic Studies Center, King Saud University.
- 1999 - Present : Professor of Geophysics, Dept. of Geology, KSU.
- 2006 - Present : President of the Saudi Geosciences Society.
- 2006 - 2010 : Chairman of Geology Dept., KSU.
- 2008 - Present : Editor-in-Chief, Arabian J. of Geosciences
- 2013 - 2015 : Chairman of Geology & Geophysics Dept.
- 2010 - Now : Director of Empty Quarter Research Chair, KSU
- 2011 - 2013 : Principal Investigator of Highly Cited Researchers with Oregon State Univ.
- 2014 - Now : Principal Investigator of Highly Cited Researchers with Max Planck Institute





SCIENTIFIC MEMBERSHIPS & COMMITTEES

- Member of the Seismological Society of America.
- Member of the American Geophysical Union.
- Member of the European Association for Environmental & Engineering Geophysics
- Member of earthquakes mitigation committee in the eastern Mediterranean region.
- Member of the board council of The Saudi Society for Earth Sciences.
- Member of the board council of The Middle East Seismic Forum, USA.
- Scientific consultant of the Military Survey Administration (1995 – 1997).
- Scientific consultant of King Abdulaziz City for Science & Technology (1992- Now)

Scientific consultant of King Abdulaziz City for Atomic & Sustainable Energy

Scientific Consultant for Nuclear and Radiological Regulatory Commission

- Member of the National Committee for Assessment of Earthquake Hazards
 - Member of the mitigation of natural hazards committee at the Civil Defense.
 - Member of the Research Center, College of Science, KSU (1999 – 2003).
 - Member of the Editorial Board of the Journal of Science, KSU (2000 – 2004).
 - Member of the Editorial Board of the Iranian Journal of Seismology (2006 –).
 - Scientific Member of the Saudi Building Code .
 - Scientific Consultant for The Saudi Geological Survey (2006 -)
 - International Referee for some scientific Journals
 - External Examiner for M.Sc and Ph.D theses.
 - Supervising several M.Sc theses.
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PRIZES

- AL-Maraee Prize for Scientific Innovation (2005)
- Golden Distinguished Researcher Award, KACST (2006)
- Abha City Prize for Scientific Contributions (2007)
- Arab Admirable Achievers Award (2009)
- King Saud University for Scientific Excellence (2013)
- American Geophysical Union for Scientific Activities (2013)
- Sultan Gabous University for Scientific Contributions (2013)
- Emerald Who's Who in Asia (2014)
- Who's Who in the World (2016)
- Tunisian Geological Society for Scientific Excellence (2016)
- Arab Geophysical Union for Scientific Achievement (2016)
- Hawarry Bou Median Univ. for Scientific Contribution (2016)
- Best Editor-in – Chief of Scientific Journals by SPRINGER (2017)



Scientific Publication

1991 – 1999

Al-Amri, A.M., Schult, F.R., and Bufe, C. " Seismicity and Aeromagnetic Features of the Gulf of Aqabah Region". J. of Geophysical Res. V.96 No.B12, PP. 20,179 - 20,185 (1991).

Al-Amri, A.M. " Preliminary geophysical characteristics of the Subsurface shallow structure of the Wadi Bishah area, southern Arabian Shield . J. King Saud Univ., V.6, Science (1) , pp. 53-67, (1994).

Al-Amri, A.M . " Seismicity of the southwestern region of the Arabian Shield and southern Red Sea ". J. African Earth Sciences, V. 19, pp. 17- 25. (1994).

Al-Amri , A.M. " Recent seismic activity in the northern Red Sea ". J. of Geodynamics, V. 20, no.3, pp. 243-253, (1995).

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Al-Amri, A. M. " The application of geoelectrical surveys in delineating groundwater in semiarid terrain - Case history from central Arabian Shield ". M.E.R.C. Ain Shams University, Earth Science Ser., V. 10, pp. 41 -52 , (1996).

Al-Haddad, M., Al-Dail, M. and Al-Amri, A. Preliminary reconnaissance report on the 22 Nov., 1995 Gulf of Aqaba earthquake (Saudi Arabian Side).Proceedings of Eleventh World Conference on Earthquake Engineering, Acapulco, Mexico, June 23-28, 1996., Paper no. 1947, ISBN 0080428223, (1996).

Al-Amri, A., Al-Dail, M. and Al-Haddad, M. Recent Swarm Activity in the Gulf of Aqabah Region. Proceedings of Eleventh World Conference on Earthquake Engineering, Acapulco, Mexico, June 23-28, Paper no., 1945, ISBN 0080428223, (1996).

Gharib, A., Necioglu, A. and Al-Amri, A. " Seismicity re-evaluation of the northern Red Sea". Geophysical J. International, V. 130, pp. 335 - 348. (1997).

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Al-Amri, A. M.. " The crustal structure of the western Arabian platform From the spectral analysis of long-period P-wave amplitude ratios". Tectonophysics, V. 290, pp. 271 -283. (1998).

Al-Amri, A. M., Punsalan, B. T. and Uy, E.A.. " Seismic Expectancy Modeling of Northwestern Saudi Arabia". European Earthquake Engineering, V. 2, pp. 16 - 21. (1998).

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Al-Amri, A. M., Davis, P., Al-Amri, M., Gharib, A. and Berger, J. " Seismic characteristics of RAYN/ GSN station, Saudi Arabia ". J. of King Saud University : Science (2) , V. 11, pp. 81 – 92. (1999).

Al-Amri, A. M. " The crustal and upper mantle structure of the Interior Arabian Platform". Geophysical J. International, V. 136, pp. 421 - 430. (1999).

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Rodgers, A., Walter, W., Zhang, Y., Mellors, R., Al-Amri, A. and Yu-Shen Zhang ‘’ Lithospheric structure of the Arabian shield and platform from complete regional waveform modeling and surface wave group velocities’’. Geophysical Journal International, v. 138, pp. 871 - 878. (1999).

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2000 – 2010

Park Y., Nyblade, A., Rodgers, A., and Al-Amri, A. Upper mantle structure beneath the Arabian Peninsula and Northern Red Sea from teleseismic body wave tomography: Implications for the origin of Cenozoic uplift and volcanism in the Arabian Shield. Geochem. Geophys. Geosys., 8, doi : 10.1029 / 2006 GC 001566. . (2007).

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2011 – 2016

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Almadani, S. Al-Amri, A., Fnais, M., K. Abdelrahman, E. Ibrahim, E. Abd El-Motaal. Evaluation of geotechnical parameters for urban site in southern Khamis Mushait city, southwest Saudi Arabia, using seismic refraction method. *Arabian Journal of Geosciences*, DOI : 10.1007/s12517-014-1615-4 (2015).

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Al-Amri, A. & Fnaïs, M. & Kamal Abdelrahman & Abdelmoneim, E. & Alqarni, H. New methods to improve the assessment of shear wave velocities and seismic hazard parameters in Jeddah city, western Saudi Arabia. *Arab J. Geosci* (2016) 9:220. DOI 10.1007/s12517-015-2297-2 (2016).

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Abdullah Al Amri, K. Abdelrahman, M.O. Andreae and M. Al-Dabbagh: Crustal and upper mantle structures beneath the Arabian Shield and Red Sea. Lithosphere dynamics and sedimentary basins of the Arabian Plate and surrounding areas (François Roure et al. Eds.) Springer -Verlag Berlin Heidelberg, (2017).

D.S. Macholdt^{a,b,*}, K.P. Jochumb, C. Pöhlkera, A. Arangioc, J.-D. Förstera, B. Stollb, U. Weisb, B. Weberc, M. Müllerd, M. Kappld, M. Shiraiwac,e, A.L.D. Kilcoynef, M. Weigandg, D. Scholz, G.H. Haugb, Abdullah Al-Amri, M.O. Andreaea,I. Characterization and differentiation of rock varnish types from different environments by microanalytical techniques, Chemical Geology 459, 91–118 (2017).

Faisal Rehman, Abdullah M. Alamri, Sherif M. El-Hady, Hussein M. Harbi and Ali H. Atef. Seismic Hazard Assessment and Rheological Implications; A Case Study Selected for Cities of Saudi Arabia along the Eastern Coast of Red Sea. Accepted in Arabian Journal of Geosciences September, 2017.

Lang-Yonaa, N., Maier, S., Macholdt, D. S., Müller-Germann, I., Yordanova, P., Rodriguez-Caballero, E., Jochum, K.-P., Andreae, M. O., Al-Amri, A., Pöschl, U., Weber, B., and Fröhlich-Nowoisky, J., Desert Varnish Formation: In-depth Examination of Metagenome Shades Light on the Microbial Involvement: Microbial Ecology, Accepted in 2017.

Otter, L. M., Macholdt, D. S., Jochum, K. P., Stoll, B., Weis, U., Weber, B., Scholz, D., Al-Amri, A.M., Haug, G. H., and Andreae, M. O., The Relationship of Rock Varnish and Adjacent Mineral Dust in Arid and Semi-Arid Environments: Geochim. Cosmochim. Acta, accepted in 2017.

A.K. Abdelfattah, A. M. Al-Amri, A. K. Abd el aal, F. Zaidi, M. Fnais, S. Madani and N Al -Arifi. The 23 January 2014 Jizan earthquake and its tectonic implications in southwestern Saudi Arabia. Tectonophysics, No. 712-713 (2017), 494-502.

Sattam Almadani, Hussain Alfaifi, Abdullah Al-Amri, Mohamed Fnais, Elkhedr Ibrahim, Kamal Abdelrahman, Mohammed Shehata and Faisal Zaidi (2017): Hydrochemical characteristics and evaluation of the granite aquifer in the Alwadeen area, southwest Saudi Arabia. Arab J Geosci (2017) 10:139. DOI 10.1007/s12517-017-2873-8.

Kamal Abdelrahman, Abdullah Al-Amri, Nassir Al-Arifi and Enayat Abdelmoneim (2017): Seismic Risk Assessment at the Proposed Site of Gemsa Wind Power Station, Southwestern Coast of Gulf of Suez, Egypt. Journal Geological Society of India, Vol.89, February 2017, Pp.192-196.

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Lang-Yona, N., Maier, S., Macholdt, D. S., Mueller-Germann, I., Yordanova, P., Rodriguez-Caballero, E., Jochum, K. P., Al-Amri, A., Andreae, M. O., Froehlich-Nowoisky, J., and Weber, B., Insights into microbial involvement in desert varnish formation retrieved from metagenomic analysis: Environmental Microbiology Reports, 10, 264-271, doi:10.1111/1758-2229.12634, 2018.

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Kamal Abdelrahman, Abdullah Al-Amri, Naif Al-Otaibi, Mohammed Fnais, Enayat Abdelmonem (2018): Ground motion acceleration and response spectra of Al-Mashair area, Makkah Al-Mukarramah, Saudi Arabia. Accepted in Arabian Journal of Geosciences.

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1. Project : Establishing global Seismographic Network (GSN) in Rayn, Saudi Arabia
Investigators : Abdullah Al-Amri, Jon Berger, Frank Vernon, Peter Davis Funding Source : IRIS, Univ. of California, San Diego, Period : 1996 - Now
2. Project : Broadband Seismic-Acoustic Array on the Arabian Shield Broadband Investigators : Abdullah Al-Amri, Frank Vernon, Jon Berger, Danny Harvey Funding Source : US Air Force, Dept. of Energy (DOE), UCSD, Period : 1997 - 2000
3. Project : Broadband Seismic Characterization of the Arabian Shield Investigators : Abdullah Al-Amri , Arthur Rodgers Funding Source : Lawrence Livermore National Lab. (LLNL), Period : 2000 - 2001
4. Project : Ground Truth Event and Waveform Data Collection for Seismic Calibration of the Arabian Peninsula and Surrounding Regions Investigators : Abdullah Al-Amri , Arthur Rodgers Funding Source : DOE and LLNL, Period : 2001 - 2003
5. Project : Broadband Seismic Station Deployment at Hadabat Al-Mahri, Halban, Investigators : Arthur Rodgers, Abdullah Al-Amri , Jon P. Lewis Funding Source : UCRL – ID-147211, Period : 2001-2003
6. Project : Ground Truth Location & Magnitude Calibration Investigators : Abdullah Al-Amri, Arthur Rodgers , Tariq Al-Khalifah Funding Source : KACST & DOE, Period : 2003 -2005
7. Project : Upper Mantle Crustal Structures of the Arabian Peninsula and Red Sea Investigators : Abdullah Al-Amri, Arthur Rodgers , Tariq Al-Khalifah, Andy Nyblade Funding Source : KACST, LLNL, Penn. State Univ., Period : 2005 - 2007
8. Project : Shear-Wave Splitting and Seismic anisotropy in the Arabian Shield Investigators : S. Hansen, Arthur Rodgers and Abdullah Al-Amri Funding Source : Univ. of California, Santa Cruz., Period : 2006 – 2008
9. Project : Investigating the P-wave Velocity Structure beneath Harrat Lunayyir Investigators : S. Hansen, and Abdullah Al-Amri Funding Source : Univ. of Alabama., Period : 2011 – 2012

10. Project : Lithospheric structure of the Arabian Shield from Joint Inversion Investigators : Andrew Nyblade and Abdullah Al-Amri Funding Source : Pennsylvania State Univ., Period : 2012 – 2013

11. Project : Seismic Array of Ar Rayn Area. Investigators : Abdullah Al-Amri, Arthur Rodgers and Dave Harris Funding Source : Lawrence Livermore National Lab. (LLNL), Period : 2011-2013

12. Project : Seismic Array of Al-Quwayeah Area. Investigators : Abdullah Al-Amri and Rengin Gok Funding Source : Lawrence Livermore National Lab. (LLNL) , Period : 2013- 2016

Al-Amri Encyclopedia of Geosciences

Al-Amri's Digital Encyclopedia was issued in January 2018 in **14** volumes and **107** files in Arabic and English to serve researchers in Geosciences, school students, universities and community groups. It included **7** scientific educational books, **4** university courses, **80** scientific referred papers, **22** completed and proposed research projects, **64** technical and applied reports on earthquakes and their hazards, building specifications, groundwater exploration and mining investment. As well as ways to cope with disasters and management and the media and psychological aspects of the role of the sectors in reducing the damage. The Encyclopedia also contained **400** questions and answers in the earth sciences to facilitate university students. The encyclopedia is freely distributed and can be obtained directly from the author or from the secretariat of the Saudi Society for Geosciences.

<https://www.dropbox.com/sh/skqci7ajxa8uc5d/AAB2qobEJMwFFy6TmGrPx4KMa?dl=0>



International Cooperation

NO.	Institution	Researchers
1.	Scripps Institution of Oceanography. Univ. of California , San Diego	Dr. Jon Berger, Dr. Frank Vernon, Dr. Peter Davis
2.	Lawrence Livermore National Laboratory	Dr. Arthur Rodgers, Dr. H. Tkalcic
3.	Univ. of California, Santa Cruz	Dr. Samathna Hansen, Dr. S. Schwartz
4.	Pennsylvania State Univ.	Dr. Andy Nyblade, Dr. Y. Park
5.	San Diego State Univ.	Dr. R. Mellors
6.	Boise State Univ., Idaho	Dr. James Zollweg
7.	Univ. of Colorado	Dr. Danny Harvey
8.	Incorporated Research Institutions for Seismology (IRIS)	Dr. David Simpson
9.	Univ. of Alabama	Dr. Samantha Hansen
10.	Oregon State University, Corvallis	Dr. Robert Duncan
11.	Lawrence Livermore National Laboratory, USA	Dr. Rengin Gok, Dr. Robert Mellors, Dr. Dave Harris
12.	Universidade Federal do Rio Grande do Norte, Brazil	Dr. Jordi Julia
13.	Max Planck Institute, Mainz, Germany	Dr. Meinrat Andreae

Conferences & Workshops

Participation	No.
Domestic Conferences	25
International Conferences	70
Domestic Workshops	20
Workshops RELEMR	28
Gulf Seismic Forum	10