

RESUME of Abdunnur E. Ben Suleiman

Education:

B.S. Geology (Geology and Physics). University of Tripoli, LIBYA (1976)
M.S. Geosciences (Geophysics). University of Texas at El Paso, USA (1984)
Ph.D. Geosciences (Geophysics). University of Texas at El Paso, USA (1993)

Professional Record:

Jan. 1995 - Present: Professor of Geophysics, Dept. of Geophysics (UOT)
Sept. 2011- July 2016: Vice Dean, Faculty of Science, University of Tripoli (UOT)
Oct. 2008 - Sept. 2011: Chairman, Faculty of Science, Department of Geophysics (UOT)
Oct. 2007 - Present: Professor of Geophysics, Faculty of Science, (UOT)
Oct. 2003 - Oct. 2007: Associate Professor, Faculty of Science, (UOT)
July 1995 - Oct. 2003: Assistant Professor, Faculty of Science, (UOT)
Sept. 1987 - Sept. 1990: Teacher Assistant, University of Texas at El Paso (UTEP)
Sept. 1990 - Sept. 1993: Research Assistant, University of Texas at El Paso (UTEP)
Dec. 1976 - Dec. 1981: Exploration Geophysicist, Oasis Oil Company of Libya (WAHA)

Professional Societies:

Earth Science Society of Libya (ESSL) American Geophysical Union (AGU), Geological Society of America (GSA), Seismological Society of America (SSA), Society of Exploration Geophysicists (SEG), American Association of Petroleum Geologists (AAPG), El Paso Geological Society, European Geoscience Union (EGU).

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Articles Published

1. Mustapha Meghraoui, Paulina Amponsah, Ayadi A, Ata'ay Ayele, Ateba Becoa, Abdunnur Ben Suleman, Damien Dlvaux, Mohamed, ElGabry, Rui-Manuel Fernandes, Vunganal Midzi, and Maghda Roos, 2014, The Seismotectonic map of Africa, **Episodes** Vol. 39, no. 1, p. 9-182.
2. Mourabit T, Abou Elenean K. M, Ayadi A, Benouar D., Ben Suleman A., Bezzeghoud M. Cheddadi A., Chourak M., ElGabry M. N., Harbi A., Hfaiedh M., Hussein H. M., Kacem J., Ksentini A., Jabour N., Magrin A., Maouche S., Meghraoui M., Ousadou F., Panza G.F, Peresan A, Romdhane N., Vaccari F. and Zuccolo E. Neo-Deterministic Seismic Hazard Assessment in North-Africa, 2013, **Journal of Seismology**.
3. Fawzi. AboSetta, and Abdunnur Ben Suleman, 2010, Recent earthquake activity in northeastern Libya, **3rd conference on basic sciences, ICTP**, Gharyan, Libya
4. Abdunnur Suleman, 2007, Active Tectonics And Earthquakes Of Cyrenaica Platform And Sirt Basin, Northern Libya, **2nd International Conference on the Geology of the Tethys**, Cairo University, Volume 1, El-sayed A. Youssef Editor, p. 39-44..
5. Abdunnur Suleman, 2006, Gravity Investigations of The Sirt basin Rift System, Northern and Central Libya, **Inter., Conf. Geol. Arab World (GAW 8)**, Cairo Univ., Egypt, p. 201-206.

6. Abdunnur Suleiman and Salem Mohamed, 2006, The Tectonic Setting of the Cyrenaica Platform and Adjacent Areas, NE Libya: Implication of Gravity Investigations, **Geology of East Libya**, Bengazi-Libya.
7. Abdunnur Suleiman, 2004, Reappraisal of the seismic activity and seismic hazard assessments of Libya (in Arabic), in: **Natural Hazards and seismic networking in the Arab World**, Gharyan, Libya, p. 188-196.
8. Abdunnur Suleiman, Paola Albini. And Paola Migliavacca, 2004, A short Introduction to historical Earthquakes in Libya, **ANNALS OF GEOPHYSICS**, VOL. 47, N. 2/3, April/June 2004.
9. Abdunnur Suleiman, I. Daba, 2001, Seismicity of Sirt and surrounding areas: Detailed investigations and future planning (in Arabic), **First conference on the Natural Resources in the Sirt area**, Sirt, Libya, PP. 13.
10. S. A. El-Mozoughi and Abdunnur Suleiman, 2000, Effective elastic thickness of the lithosphere and mechanism of isostatic compensation in Libya, **5th International Conference on the Geology of the Arab World**, Cairo University, pp. 1077-1084.
11. Suzan van der Lee, Federica Marone, Mark van der Meijde, Domenico Giardini, Anne Deschamps, Lucia Margheriti, Peter Burkett, Sean C. Solomon, Paulo M. Alves, Makis Chouliaras, Abdurazzag Eshwehdi, Abdunnur Suleiman, Hadi Gashut, Marijan Herak, Ramon Ortiz, Jose Martin Davila, Arantza Ugalde, Josep Vila, and Karim Yelles, 2001, New seismographic data from the Eurasia-Africa plate boundary region, **EOS, Transactions, American Geophysical Union**, V. 82, pp. 637-646.
12. A. Nyblade, I. Suleiman, R. Roy, B. Pursell, Abdunnur Suleiman, D. Doser, and G. Keller, 1996, Terrestrial heat flow in Sirt Basin , Libya, and the pattern of heat flow across northern Africa, **Journal of Geophysical Research**, v. 101, No. B8, pp. 17737-17746.
13. Abdunnur Suleiman and Dian Doser, 1995, Seismicity, seismotectonics and earthquake hazards of Libya, with detailed analysis of the April 19, 1935, M=7.1 earthquake sequence, **Geophysical Journal International**, v.120, pp.312-322.
14. Abdunnur Suleiman, D.I. Doser and D. Yarwood, 1993, Source parameters of earthquakes along the coastal margin of West Africa and comparisons with earthquakes in other coastal margin settings, **Tectonophysics**, v. 222, pp.79-91
15. Suleiman, I.S., G. R. Keller, and **A.S. Suleiman**, 1991, Gravity study of the Sirt basin, Libya, in M.J. Salem, A.M. Sbeta, and M.R. Bakbak (eds.): **The Geology of Libya, Volume VI, Elsevier, Amsterdam**, p. 2462-2468.
16. **Suleiman, A.S.** and G. R. Keller, 1985, A geophysical study of basement structure in northeastern New Mexico: **New Mexico. Geol. Soc., 36th Field Conf. Guidebook**, p. 153-159.

Masters These: Abdunnur Suleiman, 1984, Integrated geophysical and subsurface studies of tectonic features in NE New Mexico and the adjacent regions, pp.102, University of Texas at El Paso (UTEP).

Doctoral Dissertation: Abdunnur Suleiman, 1993, Geophysics of the rifts associated with the Sirt Basin (North Africa) and the Anadarc Basin (North America), pp.150, University of Texas at El Paso (UTEP).

Published Reports

1. Omar Hamuda, **Abdunnur Ben Suleiman**, Ali Speta, Mohamed Amgaily, and Abdurezag Mohamed, 1996, Libyan earthquakes, a study and recommendations (in Arabic), Committee for the seismicity and the earth's crust in Libya, Internal report, **Libyan Center for Remote Sensing and Space Science (LCRSSS)**, 104 pages.
2. Omar Hammuda, Abdalhafed Bezan, **Abdunnur Ben Suleiman**, Ahmed Saheel, and Bashir Almejrab, 2006, Gravity Compilation of Libya (Internal Report): A review and evaluation with integration of geological data and interpretation, **Libyan Petroleum Institute (LPI)**, P.O., BOX 6431, Tripoli, Libya, 108 pages.

Master's Thesis Directed

1. Faten Mohamed Khalfalla, Zero Offset vertical seismic profile "ZVSP" of Concession C65-47, Libya
2. Yousef Melad Aboshalla, Seismic and gravity studies of eastern Sirt Basin and southwestern Cyrenica platform, Libya.
3. Adel Almabok Attwejer, Seismic interpretation and aquifer study of concession (NC-174) Murzuq Basin-Libya
4. Abdul-Ghafar Abdalla Abdusalam, Seismic inversion techniques to predict porosity of Upper Sabil reservoir in Tocra field block, NC206, Sirt Basin-LIBYA.
5. Abdul-Majed Omar Abomahlola, Static corrections due to sand dunes in Murzuq basin, Southeastern Libya
6. Omar Emhemed Omar, Seismic and Gravity Studies of Zagut Oil Field, Sirt Basin-LIBYA.
7. Ahmd Dwas, 2018, Four blocjs prestac 3-Dimensional seismic merg processing, concession 06, Sirt Basin-Libya.
8. Abdulmonem A. Swessi, 2018, Seismotectonics and earthquake hazards of Northwestern Libya