

Curriculum Vitae

Professor Salem Aboglila

Geochemistry & Environmental Chemistry science

Faculty – Azzaytuna University-Libya

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Nov 2010 PhD degree Thesis title: *Organic and Isotopic Geochemistry of Source-rocks and Crude Oils from the East Sirte Basin (Libya)*. Curtin University of technology (palaeoenvironment study)

- **1995-1998 MS** (University of Tripoli, Libya)
Thesis title: Nitrate pollution in groundwater of East Tripoli area, Libya: Using ion selective electrode potential
- **1993 BS** of natural source's (soil & water department) University of Tripoli, Libya

Current career

- Supervisor of postgraduate
- Dean of science college- Azzaytuna University
- Supervisor master degree students- Libyan Academic
- Academic Editor of Advances in research sciencedomain journals (2017 - 2021)
- Reviewer of Asian research of Agriculture & Environment 2017-2021
- Chairman of Scientific Committee - Azzaytuna University
- Lecturer of Environmental Chemistry - Azzaytuna university
- Lecturer of advanced soil and water chemistry- Tripoli University
- <https://medwinpublishers.com/PPEJ/editorial-board.php>

Publications:

- 1- **S. Aboglila, K. Grice, K. Trinajstic, D. Dawson, K. H. Williford** (2010) Use of biomarker distributions and compound specific isotopes of carbon and hydrogen to delineate hydrocarbon characteristics in the East Sirte Basin (Libya). *Organic Geochemistry*, 41, 1249–1258
- 2- **S. Aboglila, K. Grice, K. Trinajstic** (2010). The significance of 24norcholestanes, 4-methylsteranes and dinosterane in oils and source-rocks from East Sirte Basin (Libya). *Applied Geochemistry* 26, 1694–1705.
- 3- **S. Aboglila*, M. Elkhalti**, (2013) ORGANIC GEOCHEMICAL EVALUATION OF CRETACEOUS POTENTIAL SOURCE ROCKS, EAST SIRTE BASIN, LIBYA. *Journal of Scientific Research (IT)*, Vol.4,700-710.
- 4- **S. Aboglila* (2013)** Specific Biomarkers to Determine Geochemical Characteristics of Oils from the East Sirt Basin, Libya, *J Azzaytuna university Journal, Department of Environment sciences*, Vol 7. 37-47.

- 5- E. Farifr¹ and **S. Aboglila**^{1*} (2014). Seedling Tolerance and Physiological Response to Short-Term Soil of Three Eucalypts Species, Sciencedomain international. British Journal of Applied Science & Technology 4, 4280-4290.
- 6- E. Farifr¹ and **S. Aboglila**^{1*} (2014). Analysis of the seedling tolerance to a shortterm flooding event of three Eucalyptus species. Sciencedomain international. British Journal of Applied Science & Technology 6, 644-651.
- 7- E. Farifr. **S. Aboglila**. N. shank. Seedling Tolerance of Three Eucalypt Species to Changes in Soil Alkalinity Due to Limestone Addition. Sciencedomain international. British Journal of Applied Science & Technology, 18, 1 – 8.
- 8- A. Rashid. **S. Aboglila**. M. Altrukey. N. shank. E. Farifr, (2016). Studying the Effect of Tripoli Organic Fertilizer on Some Chemical Properties of Baer Alghanm Soil. Al - Zaytoonah University Journal. Vol, 18.
- 9- **S. Aboglila**^{1*}, M. Elaalem¹, Y. Ezlit¹ and E. Farifr¹ (2018). Geochemical Characteristics of Six Formations Based on Organic Geochemical Parameters, Murzuq Basin, Libya. Advances in Research 15(4): 1-11.
- 10-**S. Aboglila**^{1*}, A. Abdulgader, A. Albaghdady and E. Farifr (2019). Biomarker ratios and stable carbon isotopes to describe crude oils characteristics in the Murzuq Basin (Libya), Advances in Research, 18(3): 1-12.
- 11-**S. Aboglila** ^{*}, Albaghdady A, Farifr E and Alborkey A (2020). Petroleum Geochemistry Regional Study of Murzuq Basin: Insights from Biomarkers Characteristic, Stable Carbon Isotope and Environmental Characterization. Petroleum & Petrochemical Engineering Journal. DOI: 10.23880/ppej-16000215.
- 12-Albaghdady A, **Aboglila S***, Farifr E, Ramadan M and Alburki A (2020). Source Rock Characterization of Silurian Tanezzuft and Devonian Awaynat Wanin Formations the Northern Edge of the Murzuq Basin, South West Libya, Petroleum & Petrochemical Engineering Journal. DOI: 10.23880/ppej-16000216.
- 13-**S. Aboglila**^{1*}, M. Ramadan, A. Alburki and A. Albaghdady (2020). Biogeochemical Analyses of Four Crude Oil Samples to Confirm the Presence of Terrestrialorganic Matter, Collected from the Murzuq Basin- Libya. Advances in Research. 21(3): 4350.
- 14-Alsharef Albaghdady¹, **S. Aboglila**², Osama Hlall, Mohamed H. Targhi⁴, E. Farifr and Mohamed A. Sultan. Organic Geochemical Evaluation of the Middle Devonian to Late Carboniferous Source Rocks, South East Murzuq Basin, SW Libya. Libyan Journal of Engineering Science and Technology (LJEST) Vol. 2, No. 2, 2022.
- 15- Abdalmonem Hallash, Alsharef Albaghdady , **Salem Aboglila**. INVESTIGATION OF UNCONVENTIONAL RESERVOIRS OF THE UPPER CRETACEOUS SOURCE ROCKS IN THE HAMEIMAT TROUGH SOUTH EAST SIRTE BASIN, LIBYA. Journal of Basic Sciences (JBS) Vol. (37) No. (2), 2024.
- 16-Alsharef A. Albaghdady , **S. Aboglila** ^{a*}, Moustafa A. Abdullah b, Alsedik M. A. Abousif b, E. Farifr and Mohamed H. Targhi d. Geochemical Evaluation of the Silurian, Devonian, and Carboniferous Source Rocks at the Erawin Field, Murzuq Basin, SW Libya. Journal of Scientific Research and Reports, Volume 30, Issue 10, Page 465-481, 2024.
- 17- Farifr E, **Aboglila S*** and Albaghdady A. Geochemical Parameters of Oil and Rock Samples from Murzuq Basin, Libya: An Application for Paleoenvironment Description Petroleum & Petrochemical Engineering Journal, ISSN: 2578-4846.

Conference presentations and attendance

- 1- Geological Society of Australia -2007, Perth WA (attendance)
- 2- 15th Australian Organic Geochemistry Conference (Oil, Soil, Water and Wine 8-12 September 2008). (Oral presentation)
- 3- 4th Technology of Oil and Gas Exhibition 21 – 23 October 2008, Tripoli International, Tripoli, Libya (Oral presentation)
- 4- 10th Australasian Environmental Isotope Conference & 3rd Australasian Hydrogeology Research Conference 1-3 December 2009, Perth, WA

Field of interest

- Environmental chemistry & Applications of biomarkers and specific isotopes
- Projects Management
- Organic and Isotope Geochemistry; Molecular Biogeochemistry; Biomarker
- Applications of compound specific isotopes in soil & water & gas & petroleum geochemistry (Exploration)
- Geochemistry of environmental pollution (water, soil, oceans, rivers....etc)

Geosciences research skills

- Sampling and collocating samples
- Preparation of soil, water, source rocks & oil samples for analysis
- Rock Eval pyrolysis and total organic carbon (TOC) measurements
- Gas chromatography–mass spectrometry (GC-MS)
- GC–isotope ratio mass spectrometry (GC-ir-MS)
- GC-metastable reaction monitoring (MRM)
- Ion selective electrode potential (Pollution measurements)

Scholarships & Awards

- 2004-2010 Libyan Education ministry (Skills improvement & PhD)
- June 2006 Travel grant (two months) from National Oil Corporation (NOC), Tripoli (collocating oil and source rocks samples from Sirte Basin.
- September 2008 Presented at the 15th Australian Organic Geochemistry Conference, Adelaide (Travel grant from Conference Organisers).
- 4th Technology of Oil and Gas Exhibition (TOG), 21 – 23 October 2008 (Travel grant from National Oil Corporation (NOC), Tripoli.
- Jun 2009 - July 2010 Curtin University International Research contract.
- Referee of Sciencedomain international. British Journal of Applied Science & Technology
- 29-11-2016 certificate of thanks and appreciation *from chemical science international Journal*

- 11 -03- 2017 certificate of thanks and appreciation *from chemical science international Journal.*
- Certificate of joining from Advances in research sciencedomain 19 -7- 2017 to 18 7-2021 As Academic Editor-<https://publons.com/dashboard/records/review/>.
- Certificate of excellence in reviewing from Asian research of Agriculture & Environment 2017 (sciencedomain) and see <https://publons.com/dashboard/records/review/>.

Employment History

- 1993- 1996 Education ministry , Libya (Department of training research)
- 1997-2000 General manger of Education East Tripoli zoon
- 1998-2001 member of research Centre for Biotechnology
- 2000-2004 Academic staff of Al- Mrkib University & Member of Research at Biotechnology Centre.
- 2006 - 2010 academic research at the present WA-OIGC Curtin University of Technology, Perth, WA
- 2011 Referee of Applied Geochemistry journal
- 2011- 2014 Lecturer at Al- Mrkib University and research member in geochemistry fields.
- **2015 – now Dean of science Faculty- Azzaytuna University**
- **19-07- 2017 Editor of Sciencedomain international journal**

Full computer skills

- Professional word & office
- Statistical Analysis Softwares
- Using the most geosciences-scientific software's: (Chemstation data analysis.)
- Adobe Illustrator vector graphics editor CS3 &CS5,
- ACD/ChemSketch, a software for drawing molecules, reactions, schematic diagrams and designing other chemistry-related Statistical Analysis Software (SPSS)

Key Competencies *(recommendation:*

Professor Kliti Grice - Staff Profile - Curtin University <https://staffportal.curtin.edu.au/staff/profile/view/K.Grice> and Kate Trinajstic

- Efficient and conscientious in the approach to my work
- Flexible and adaptable, I am open to change and learn new tasks quickly
- Combine patience, determination and persistence to complete projects
- Proven team player, I share my ideas and learn from team members
- Ability to grasp new ideas and integrate them into desired aims
- Australian Driving License **(No: 5268504)**
- Australian high risk work License **(No: TLID1007C)**

