

Breif CURRICULUM VITA

Personal Information

Full Name : Saleh Ali SADEG

Date and Place of Birth : 30/07/1961 LIBYA

Nationality: LIBYAN

Profession :

1997 – Now :- Staff Member at Geological Engineering Department,

Faculty of Engineering, University of Tripoli, Doctor of Hydrogeology, Water Resources and Ground water Modeling

Jan.2015 – now, member of UoT Graduate Committee.

Jan. 2015 – now , Head of graduate office , Faculty of Engineering, UoT.

May 2016 – now, Head of R & D department, University Engineering Consulting Office, LIBYA

July 2010 – 2013 :- Chairman, University Research and Consultation Center, University of Tripoli UoT, Tripoli, LIBYA.

Jan.2009 – July 2010:- Dean ,Faculty of Engineering ,University of Tripoli.

Jan 2004-Sep.2007:- Chairman, Engineering Research and Consultation Bureau, Faculty of Engineering, University of Tripoli.

March 2001 – Dec.2003 :- Head, Geological Engineering Department, Faculty of Engineering, University of Tripoli.

Marital Status: Married

Language Fluency: Arabic ,English & Turkish

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Education

B.Sc. , 1984 , Geological Engineering Department , Tripoli University, Tripoli LIBYA.

M.Sc., 1987 , Geological Engineering Department Middle East Technical University ,Ankara TURKEY.

Ph.D , 1996 , Geological Engineering Department Middle East Technical University , Ankara TURKEY .

Thesis :

- Finite Element Analysis of Saltwater Intrusion in Coastal Aquifers 1987 , M.Sc. Thesis , Middle East Technical University , Ankara , TURKEY.
- Numerical Simulation of Saltwater Intrusion in Tripoli ,LIBYA ,1996 ,Ph. D. Thesis ,METU ,Ankara ,TURKEY.

International projects:-

- 1- Oct.2010 – 2013 :- Coordinator of the first TEMPUS group in The University of Tripoli .
- 2- July 2012 – Dec. 2014:- National coordinator of WELL , FP7 project,EU.
- 3- May 2016 – April 2019:- National coordinator of 5TOI-4EWAS H2020 project,EU.
- 4- OCT. 2019 – Now: - Project of Master of Renewable and Sustainable Energy, ENBRAIN, ERASMUS +, EU.

National Projects:-

- Jan 1993 – Dec 1998, Coordinator and water resource expert of the (Sea Water Intrusion project along the coast NW Libya), University Engineering Consulting Office, LIBYA.
- Jan. 2005 – Sep 2007, Head and water resource expert of the Third Generation Urban Planning project, University Engineering Consulting Office, LIBYA.

University Teaching Experience, MAR, 1997 - Now:-

- Groundwater Modeling Technique
- Water, Energy and Food Nexus
- Groundwater Geochemistry
- Water Resources Management
- Computer Application
- Water Energy and Climate change
- Advanced Geostatistics
- Surface and Groundwater Contamination
- Hydrology of Costal Area

Supervisor and co supervisor of many M. Sc. Thesis in different department at University of Tripoli and other Libyan Inistitutes.

Researches:-

1. **Numerical Analysis of saltwater Intrusion in Costal Aquifer , 1987** ,Hydrological Symposium ,Ankara University ,Ankara ,Turkey (In TURKISH).
2. **Study of Sea Water Intrusion Problem in Tripoli area ,1990** ,Symposium of Drinking water ,Municipality of Tripoli, Tripoli.
3. Sea water Intrusion Phenomena and it's effect on the environment, First Geographical Meeting, **1993** ,Zawia University ,Zawia (in Arabic).

4. Sadeg Saleh , Karahanoglu Nurkan, **Simulation of saltwater intrusion in Tripoli , 1996** ,15 International Saltwater Intrusion Meeting ,SWEDEN.
5. **Application of the Numerical Modeling to Saltwater Intrusion Problem in Tripoli area**, March **1996** ,Symposium of Water Resources in the Arab Countries ,Geological Engineering Department, Faculty of Engineering, Tripoli ,Libya (In Arabic).
6. **Hydrochemistry of the groundwater in Tripoli area** , Symposium of "Groundwater Problems in Mediterranean Countries" 17 – 21 November **1997** ,Lefkose,North Cyprus.
7. A. M. Ghazali , S. A. Sadeg and J. O. Sheikh Ali, **Modeling of Underground Oil Fuel Leakage at Ayn Zara, Tripoli Coastal Aquifer**, First International Conference on Saltwater Intrusion and Coastal Aquifers – Monitoring, Modeling, and Management, April 23-25 , **2001**, Essaouira, Morocco
8. Saleh Sadeg and Nurkan Karahanoglu, **Numerical assessment of seawater Intrusion in the Tripoli region, Libya**, Environmental Geology (**2001**) 40, 1151 – 1168.
9. **Seawater Intrusion Study in North West Libya** (Khomes ,Tripoli and Zawia area) ,**2002** , GWA, Unpublished report,(In Arabic).
10. Saleh A. Sadeg, and Abdulhamid M. Ghazali, **Water Supply Alternatives for the Tripoli Area, Northwest Libya**, International Engineering Conference (IEC), "Muttah **2004**", April 26-28, 2004, Mutah University, Jordan.
11. Sadeg Saleh A. , Ghazali Abdulhamid M., **Integrated Water Supply Initiative For the Northwest of Libya**, Regional Process of the 5th World Water Forum, Regional Meeting on Water in the Mediterranean Basin 09-11 Oct. **2008**, Near East University, Lefkose, TRNC.
12. Saleh Sadeg, Khalil Al-Samsrai and Salem Rasrash, **Triple Helix Model to Develop Water and Energy Nexus for live in Libya**, International Journal of Applied and Natural Sciences, Volume 6 , Issue 4 Jun-Jul **2017**, 163-174.
13. Khalil Al-Samsrai,Saleh A. Sadeg and Abdullah Sassi, **Policies of Conventional and Non-Conventional Energy for Sustainability in Libya**, International Journal of General Engineering and Technology, Volume 6 , Issue 6 Oct-Nov. **2017**, 1-12.
14. Saleh A. Sadeg and Khalil I. Al-Samarrai (2018). **Raising Awareness Good Practices Why and How on Sustainable Agriculture in Libya to Reduce Water Stress and Energy Consumption**. White Paper published online at www.5TOI_4EWAS.eu
15. Khalil I. Al-Samarrai and Saleh A. Sadeg (2018). **Precision Irrigation Efficient Technologies Practices in Libya From The Water and Energy Point of View**. White Paper published online at www.5TOI_4EWAS.eu

Area of interest:-

- Water, Energy and Food Nexus
- Groundwater Engineering
- Water resources Management
- Groundwater Investigation
- Ground Water Chemistry
- Numerical Modeling of Groundwater