Salem Mohamed Rashrash
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EDUCATION

Ph.D. in Hydrogeology **1989**
University of Idaho, USA
Dissertation: "Fracture Characteristics and Their Relationship to Producing Zones in Deep Wells, Raft River Geothermal Area, Southern Idaho, USA"

M. Sc. in Hydrogeology **1984**
University of Ohio, USA
Thesis: "Three Dimensional Groundwater Flow Modeling of Murzuq and Al-Hamada Al-Hamra Basins, Libya "

B. Sc. Geological Engineering **1978**
Al-Fateh University, Libya
Faculty of Petroleum Engineering
Department of Geological Engineering

TEACHING EXPERIENCE

Lecturer - Water Resources Engineering, Water Resources Management, - Groundwater Modeling,
- Groundwater Flow, Water Well Design and Maintenance, Water Well Hydraulics,
- Groundwater Geochemistry, Fluid Flow Through Porous Media, And supporting courses

Developed Syllabus and Overall Course Structure, and administrated all grades for under-graduate and graduate students.

Developed Applied Geology Program for Seventh of April University, Libya.

Developed geology and Environment Program For Al-Jabal Al-Gharbi University, Libya.

RELATED EXPERIENCE

Hydrogeologist, General Water Authority, Libya	1978 - 1980
Teaching Assistance, Geological Engineering Dept., Libya	1980 - 1981
Graduate Student in M. Sc. and Ph. D. Programs, at Ohio University and University of Idaho, USA	1981 - 1989
University Staff Member , Geological Engineering Department, Tripoli University, Libya	1989–present
Head of Geological Engineering Department, Al-Fateh University	1990 – 1993
Vice Dean, Faculty of Engineering, Al-Fateh University	1993 - 1996
Vice Chairman, Water Well Implementation Authority, Libya	1996 – 1998
Dean, Faculty of Engineering, Al-Fateh University, Libya	1998 – 1999
Governor of Tajoura Nawahi Arbaa State	2002 – 2006

Board Member, General Water Authority, Libya	1990 – 1999
General Water Authority Consultant	1990 - 2014
Board Member, Conjunctive Authority of the Nubian Sandstone Aquifer System, (Libya, Egypt, Sudan, and Chad)	1996 - Present
Active Member, Libyan Society of Earth Sciences	1989 - Present
Head of Executive Committee of General Water Authority, Libya	2011 - 2014

PROFESSIONAL ACTIVITY AND PUBLICATIONS

- Supervising Graduate and Undergraduate Student Projects on (for example) "Groundwater Modeling, Water Resources Evaluation, Water Well Field Design, Groundwater Contamination, Sea Water Intrusion, Use of Land sat Images, Use of GIS in Water Resources Evaluation, …etc.
- "Three Dimensional Groundwater Modeling of Murzuq Basin, Libya"
  Water Resources Conference, Columbus, Ohio, USA, 1984.
- "Sea Water Intrusion in North Western Libya"
  Study Conducted for General Water Authority, 1999 .
- "Groundwater Resources Evaluation, Using Land sat Images in South Eastern Libya"
  Study Conducted for Great Man-Made Authority, 2000.
- On Going Studies: "Groundwater Contamination from Municipal Landfills and Septic Tanks"
- "Water Extraction" Book for High School Education National Center for Education and Training Planning, 2002.
- " Groundwater Extraction in Murzuq Basin and its Environmental Impacts" Groundwater Resources in Desert Areas Conference, Ghat, Libya, 2005.
- " Water Resources Evaluation in North Western Niger"Groundwater Resources in Desert Areas Conference, Ghat, Libya, 2005.
- " Sea Water Intrusion in Northwestern Libya", Groundwater Protection Conference, Tripoli-Libya, 2009.
- " Groundwater Evaluation in Sarir Area, Libya", National Water Conference, Tripoli-Libya November, 2013
- " Status Study of Abu Shaybah Aquifer in the Middle Part of Jifarah Plain, Libya", International Research Journal of Natural and Applied Sciences, Vol. 2 ISSUE 12, 2015.
- " Evaluation of Groundwater Pollution Using Hydrochemical Data: Case Study (Al Wahat Area East of Libya", Journal of Water Resources and Protection, Vol. 7 No 4, 2015.
- " Water Resources Evaluation in Ghadamis Basin, Libya", Journal of Water Resources and Protection, Vol. 8, No 12, 2016.
- " Triple Helex Model To Develop Water and Energy Nexus for Life in Libya", International Journal of Applied and Natural Sciences (IJANS), Vol. 6, Issue 4, 2017.
- Participated in Many National Regional and International Conferences, Symposiums, and Seminars, on Water Resources and Related Subjects.
- Attended and Instructed Workshops and Short Courses on Groundwater Modeling, Water Resources Evaluation, Management, and the use of GIS in Water Resources Management.

LANGUAGES

- Arabic – native language
- English – speak fluently and read/write with high proficiency
- Fortran Computer Language, Microsoft Word, Excel, Surfer, Mudflow Software, and Other Related soft wares.

PERSONAL

- Libyan Nationality
- Place and Date of Berth Tripoli – Libya 20-11-1953.
- Length 165 cm
- Weight 75 kgm.