



CURRICULUM VITAE

Name : **Lutfi Ali Madi**
Date of Birth : 11 June 1951
Nationality : Libyan
Professional /
Qualification : Hydrogeologist
(M.Sc.) Master of Science, University of Athens, Ohio,
U.S.A, 1981.
B.Sc., University of Tripoli- Libya, 1974.
Present Job: Retired since June 30th, 2016

Field of special Geology, Hydrogeology, Water Quality, competence drilling, and water resource evaluation.modeling.

Technical Publication: Hydrogeological study of *Northern Eastern part of Gefarai basin*,
Khums-Zleten area, Tertiary Hydrogeology, M.Sc. dissertation 1981

A vision on the Great Manmade river Project (in Arabic), University
of 7th April, 1993; 1st Geographic conference. May 1993.

Open files (Z3 and 4 Drilling reports) GWA, 1974

UNESCO workshop in Damascus, Traditional Water Points

UNESCO Workshop in Lisbon, 1984, Desertification report

UNESCO AMCOW GA meeting Tanzania, 2016, JASAD NSAS
presentation report

GMRA presentation, Benghazi University Libya, 1984

Professional Carrier:

1974: *Geologist, General Water Authority (GWA), Central Zone, engaged in field investigation, data analysis, well locating, pump testing, and preparation of reports regarding ground water resources for private and public sectors.*

- 1975: *Principal Geologist, Chief of Zone 2, GWA, responsible for the supervision of the water resources and the Hydrogeological activities of Central Wadies basins including all drilling activity for Zamzam project, Jufra settlement project , Hydrogeological studies in Jufra Wadi Shatti Area water resources evaluation supervision of drilling in the area known Later as GMRA phase II*
- Aug. 1978 – Nov. 1980: *Research on Post Eocene Hydrogeology in Northern Eastern part of Gefarai basin, Khums-Zleten area, leading to M.Sc. degree in Hydrogeology from University of Athens, Ohio, USA.*
- 1982 : *Senior Hydrogeologist, GWA, Central Zone and Chief of Zone V, responsible for the establishment of piezometric Net Work in the Zone II & V, Evaluation of water resource in the south east of Libya including geological, Hydrogeological, water resource planning, drilling, aquifer testing, water resources allocation etc. A member of the Technical Committee for consultant selection to PCLP (GMRA, later) Sarir and Tazerbo well fields.*
- 1982-1984 *Assigned member of board of Directors of NDC*
- 1983: *Senior Hydrogeologist, GWA, and Chief of water resources section, follow up of GMRA well fields (Sarir & Tazerbo) and principal supervisor for drilling exploration well in Sarir and Tazerbo area. Design and supervision of (GMRA) well fields Layouts in Brega, Sarir and Tazerbo. Water well fields design and supervision of Dong Ah Company wells (used for opening festival of GMRA, 1984) and Brasoil camp well at Sarir well site, in addition to the design of 17 water wells for the pipe testing and water supply requirement for camping sites along the pipe system of GMRA.*
- 1984: to 2011 *Chief of Kufra Sarir Branch, GWA, supervisor of Geological, Hydrogeological, water resources management programs studies, water allocation policy, soil studies, irrigation and drainage programs, studies for Urban water supply activities and advising on ground water and water projects.*
- 1986: 1996 *full time consultant and supervisor of GMRA well fields Phase I. In Geology, Hydrogeology, drilling and water resources.*
- 1988: 1995 *consultant for GMRA Well field in Hydrogeology, drilling and water resources.*

- 1996 -1998: Deputy Manager of supervisor of the GMRA well fields (Sarir, Tazerbo and Hasouna) in management and *Geology, Hydrogeology, drilling and water resources*
- 1998-2002 *Follow up the regional hydrogeological study of the Nubian Sandstone aquifer system. Collecting, evaluation and submitting data to the implementation agency (CEDARE).*
- 2003 –to 2013 *National Coordinator for the GEF Isotope Study of NSAS and MSP projects implemented by IAEA and UNDP/GEF named as RAF/08/036 and Raf/08/41 Hydrogeological and Isotope studies, management, legal, strategic action programmes and diagnostic analyses including modeling using Argus One packages.*
- 2003: 2017 *Executive director of Joint Authority of Study and Development of Nubian Sandstone aquifer system (Located in Tripoli).*
- 2014-2018 Member OF Board Council of Joint Authority For study and Development of the Nubian Sandstone System (JASAD NSAS)
- 2004: to 2016 Member of technical advisory committee (TAC) of the African Ministers council on water (AMCOW);
- 2004: to 2010 Part-time staff member of university of Tripoli Libya
- 2011: to 2022 Part-time staff member of university of Zawia Libya

Scientific Experience in the field of Hydrology:

Ground water Evaluation and Modeling using the following softwares:

- Trescott;1976
- Modflow1983
- Aquifem1 Finite element 2D Modeling
- Aquifem-N Finite element 2D Modeling
- Pmwin
- Processing Modflow
- Aqua-3D (Aquawin).
- GMS 3.1
- Arcview 3.2 GIS
- Arcmap
- QGIS
- Didger
- Surfer
- Rock works
- GWW
- Micro Soft Office
- General use of Computer and files manipulations
- Argus One Graphical interface for 3-D Modflow

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Conferences and workshops:

Since 1977 to present

I have attended more than 35 Local and international events (as participant or presenting papers or lecture) including workshops; seminars, conferences, and meeting for the water managements and evaluations.