

Curriculum Vitae

Name: MAHA ABD ALGAFFAR ABD ELRAHEEM

Al Amarat, New Extension of Khartoum, Street 43, Khartoum,
Sudan.

P.O. Box 1543, Khartoum, Sudan.
Telephone, Mobile: +249 911684586
E-mail: maha.abdelraheem@yahoo.com

Personal Profile:-

I'm a Sudanese female, Born in Khartoum, Sudan on the 13th of February 1967, married. I'm energetic, cooperative and hard worker, can work on my own initiative or as a part of a team.

Languages:-

Fluent in both English and Arabic languages (written and spoken)

Field of interest:-

- Environment Sciences and Studies
- Water Resources Management.

Educational Qualification:

- Ph.D of Geology and Hydrogeology, Geology Dept., Faculty of Science, University of Khartoum, September 2009. My Thesis title was, (Evaluation of Groundwater Quality and Management in Selected Areas of the Khartoum State, Sudan).
- M.Sc of Geology, Dept. of Geology, Faculty of Science, University of Khartoum, 1996. My M.Sc Thesis title was (Geology as a Predictive Method of Detection of Groundwater Pollution in the Municipal Water of Khartoum).
- B.Sc, of Geology, Faculty of Science, Alexandria University, Egypt, May 1989.

Recent Occupation: (2010- Present)

- Head of Department of Environmental Studies. Faculty of Economics, Social and Environmental Studies. University of Medical Sciences and Technology (UMST). Khartoum, Sudan.
- Assistant Prof. of Hydrogeology (Part time), Geology Dept. University of Khartoum, Feb.2010.

Other Occupations:

- Head of Environment and Water Resources Team. UNESCO, IHP, Sudan. Ministry of Water Resources and Electricity.
- Member of the Research and Advocacy Group. Integrated Water Resources Management committee. Ministry of Water Resources and Electricity. Khartoum. Sudan
- Member of the Integrated Water Resources Management Program (IWRMP), Eastern Nile Technical Regional Office (ENTRO). Nile Basin Initiative (NBI). UNDP.
- Member of the Water Contamination Committee, UNESCO Chair in Water Resources. University of Ahlia Omdurman, Sudan.
- Water Resources Consultant, HSE Dept. White Nile Petroleum Operating Company (WNPOC) Khartoum.
- Participated as Water and Sanitation and Hygiene (WASH) Specialist in conducting the ANAMCOW and UN MDG. Country Status Overview Draft of Water and Sanitation. Turning Finance In to Services for the Period 2010- 2015.

Activities and Participation:

- Teaching courses of Environmental Studies and Sciences for undergraduate level students of Department of Environmental Studies. Faculty of ESE.
- Teaching Water Resources Management for undergraduates Department of Geology, Faculty of Science, U of K.
- Supervision of M.Sc Projects for Sudan Development Institute (SDI). University of Medical Science and Technology (UMST).
- Supervision of students from Oxford University School of Geography and Environment. Conducting research on Groundwater Quality.
- Nile Basin Model Program, First National Workshop, Juba, South Sudan. ENTRO, Eastern Nile Technical Regional Office. 2013 (Trainer).
- Integrated Water Resources Management Workshop, Research and Advocacy Group. Ministry of Water Resources and Electricity in Collaboration with UNEP. Sudan. (Member).

- Eastern Nile Planning Model (ENPM) First National Workshop Eastern Technical Regional Office (ENTRO).Ethiopia Coordination Office, University of Addis Ababa, Department of Civil Engineering June, Hawasa, Ethiopia, June 2012.(Author)
- Eastern Nile Planning Model (ENPM) First National Workshop (ENTRO) Eastern Nile Technical Regional Office, Sudan Coordination Office (Civil Engineering Department- University of Khartoum, May 2012(Trainer).
- Promotion of Environmental Education and Peace for Sustainable Development, Discussion and Dialogue Forum. Sudan Development Institute and Development Observatory Program. University of Medical Science and Technology, March 2012. (Author).
- Disaster Risk Reduction workshop (DRR), 5th Jordanian International Civil Engineers Conference, Amman, Jordan, Jan.2012. (Author)
- 5th Jordanian International Civil Engineers Conference, Amman, Jordan, Jan.2012. (Author)
- Sudanese Association of Petroleum Engineers and Geologists (SAPEG). 5th Annual Conference, Friendship Hall Khartoum, Sudan, April 2012. (Author).
- UNESCO Regional Symposium on Groundwater Management. The 13th UNESCO- IHP Arab Committees Meeting. Khartoum.Sept. 2009.
- Monitoring Techniques of Groundwater and Estimations of Reserves, Training Program, University of Moratowa, Colombo, Serilanka July 2007(Participant).
- Water Tanks Management in Serilanka's Hard Rock Aquifers, Training Program, The Open University of Serilanka, Colombo Aug. 2007 (Participant).
- Sudan's Water Resources and Future Challenges Workshop, Arab Food and Agriculture Organization Hall, Aug.2006, Future Studies Centre, Khartoum. (Author).
- Drinking Water Contamination Hazards and Impacts on Citizens of Khartoum State Workshop, Sharja Hall. Sudan National Centre for Kidney Transplant. Kidney, Khartoum,2006. (Author).

Publications:

- Groundwater Vulnerability to Contamination and Depletion Workshop, Oct 2005, University of Khartoum, Faculty of Engineering, UNESCO Chair for Water Resources. (Author).
- The Sudapet Book of Petroleum Geology and Resources of the Sudan. Part One. Sudan and Petroleum Industry. Chapter 7 (Health, Safety and Environment).
- Challenges Facing The Drinking Water Sectors in Sudan, 5th Jordanian International Civil Engineers Conference Bulletin, Jordan, Jan. 2012.
- Recent Climatic Changes in the State of Khartoum, North Sudan. Accepted May 2011, Engineering Geology Bulletin, Springer Verlag Germany.
- Groundwater Resources Management Challenges, example Khartoum State, Sudan, (to be published in Engineering Geology Bulletin, Springer Verlag) accepted May 2011.
- Groundwater Flow Model for the Nubian Aquifer of the Khartoum area- North Sudan (Published in Engineering Geology Bulletin, Springer Verlag) 2011.
- Pollution of Khartoum Groundwater Drinking Wells, A study of coli form content in municipal water of Khartoum area (2000) (Published in Engineering Geology Bulletin, Springer Verlag, 65; 116-118).
- Pollution Issues, Alamal Medical Magazine, published in UAE. Water Pollution Resources and hazards (Kidney Transplant Patience Association friends. Water Issues seminar, 2006-03-30, Alsharga Hall, Khartoum).
- Chemical Content of Groundwater as Indicators of Pollution By Siphon Septic Tanks systems(2002).Published in Engineering Geology Bulletin, Springer Verlag;88-92.

Special Interests:

My research and work interests include drinking water standards, water contamination and climate change issues and global systems.

References:

**Prof. Dr. Abdeen Salih, Head of IHP Program, UNESCO.
Khartoum, Sudan.
Phone number +249 122206006.**

**Dr. Maki Madani El Shibly, Principle of UMST and Deputy Director of Sudan Education and Development Institute (SEDI). University of Medical Science and Technology (UMST). Khartoum, Sudan
Phone no. + 249 900908898**

**Dr. Gamal Abdou Murtada, Associate prof. and Head of Dept. of Civil Engineering University of Khartoum, (ENTRO, NBI) Coordinator Sudan Office.
Phone number +249 122123825.**