

## CURRICULUM VITAE

### C.V.



**SURNAME:** Ahmed

**FIRST NAME:** Abdelatif Mokhtar.

**DATE OF BIRTH:** 1961.

**PLACE OF BIRTH:** Gezira, Sudan.

**MARITAL STATUS:** Married with two children.

**LANGUAGE:** Arabic: Mother Tongue, English: Fluent, (writing and speaking),  
French : (Fair).

#### **MAILING ADDRESS**

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#### **QUALIFICATIONS**

**Ph.D.** (Hydrology and Water Resource), Department of Environmental Science, Faculty of Science and Environmental Studies, Universiti Putra Malaysia. ‘**Assessment of Sri Petaling Landfill towards Pollution in an Unconfined Aquifer**’.

**M.Sc.** Environmental Studies ‘**Some Aspects of Groundwater Quality**’, **Khartoum State, Sudan.** Institute of Environmental Studies, University of Khartoum 1992.

**B.Sc.(Hons)**, 2<sup>nd</sup> Class, Division One in Geology + (**University Prize for best result**), Faculty of Science, University of Khartoum, 1983.

## **EXPERIENCE**

**October 1983 – April 1984:** Geological Assistant with **Chevron Oil Company of Sudan**, Khartoum.

**August 84 – Dec. 86:** **Assistant Researcher** in the Industrial Research and Consultancy Center, Department of Building Materials and Ceramics, Ministry of Industry, Khartoum North, Sudan.

**Jan. 1987 – Oct. 90:** Hydrogeologist with the National Corporation for Rural Water Resources Development, Khartoum.

**Oct. 1992 – June 1997:** Lecturer, Faculty of Natural Resources and Environmental Studies, University of Kordofan, El Obeid, Sudan.

**2001 – 1<sup>st</sup> May 2002:** Assistant Professor and head Department of Geology, Faculty of Science, University of Kordofan, P.O. Box 160, El Obeid, Sudan.

**May 2002 – till now:** Lecturer (Assistant Professor), College of Water Science and Technology, Sudan University of Science and Technology P.O. Box 352 Khartoum North.

**Sept 2002- July 2005 Dean College of Water Science and Technology**, Sudan University of Science and Technology, PO Box 407, Khartoum, Sudan.

## **TEACHING EXPERIENCE**

- 1- Teaching Assistant, Dept. of Geology, University of Khartoum, 1984- 1985.
- 2- Lecturer at the University of Kordofan, after I got my Msc.during the period 1992- 1997, Teaching all related subjects to natural resources and Environmental Science (Water Resources, Geology, Soil and water interaction, Hydrology and Hydrogeology etc...).
- 3- Now teaching Geophysics to Juba University Students (Faculty of Applied Science, Dept of Physics), for two years ago.
- 4- Major trainer and Lecturer in the training period of Geophysical Survey Program organized by International Food and Agricultural Development poroject (IFAD) of North Kordofan, El Obeid, 2001.

- 5- Lecturer (Part time) at Omdurman Ahlia University, Faculty of Environmental Science (Principles of Geoscience II), for academic years 2005/2006, 2006/2007 and 2007/2008.

### **ACADEMIC ACTIVITIES**

- Member, Sudan University of Science and Technology Senate (Sept 2002-July 2005).
- Member, College of Post-Graduate Studies Council ((Sept 2002-May 2005).
- Member, College of Technology and Human Resource Development Council (Sept 2002-July 2005).
- Member, Academic Affairs Committee ((Sept 2002-July 2005).
- Chairman, College of Water Science and Technology Council till July 2005.
- Chairman, College Research Council ((Sept 2002-July 2005).
- Chairman of the Research Unit, College of Water Engineering and Environment, Sudan University of Science and Technology from Nov. 2006 till now.

### **SUPERVISION OF POST-GRADUATE STUDENTS**

Co-Supervisor of a Ph.D. student (Adam Hassan Galaladdin), Defended his PhD in **‘The Management of water resources for small scale water control schemes in Northern Darfur**, Case Study: Wadi Abu Hamra Scheme 2008.

### **MEMBERSHIP OF SOCIETIES**

Member of Environmentalists Society, Sudan.

Member of International Association of Environmental Hydrologists (IAEH) (Jan 2000-Jan 2001) San Antonio TX, USA.

Member of Sudanese Society of Environmental Conservation.

### **COURSES AND SEMINARS ATTENDED**

During my stay with **Chevron Oil Company of Sudan**, the following courses were attended:

- Schlumberger Basic Open Hole Log Interpretation Seminar, Khartoum, Jan. 1983.

- Exploration Stratigraphy and Sedimentation Seminar, Khartoum, Feb. 1984.
- During stay with **National Rural Water Corporation**, the following courses were attended:
  - TNO-DGV Course with Apex-Equipment for Electromagnetic Exploration Surveys in Basement Areas, El Obeid, Sudan, Oct. 1988.
  - TNO-DGV Course on Collection and Interpretation of Groundwater Data, Khartoum 1987.
  - Low Cost Water Supply and Sanitation Seminar, August 1988, Khartoum, Sudan.
  - Malaysian Science and Technology Congress 99, Johor, Malaysia.
  - International Conference on Advances for Strategic Technologies, Aug.2000, Malaysia.
  - International conference of water resources in arid and semi arid areas of africa (WRASRA) held in August 3-6, 2004 in Botswana.
  - Familiar with the different computer programs especially Ms Word, DOS, Windows and different softwares in the related field of groundwater exploration and quality e.g., RES2DINV, DIPIX PLUS, SURFER and so familiar with surfing the Internet.
  - Woked as trainer for hydrogeologists to carry software analysis for resistivity survey with IFAD (International Fund for Agricultural Development) Project – North Kordofan in the period 28.11.2001 to 9.12.2001.
  - **Experts Committee for Environmental Ethics**, Unisco, Isesco, Arabian Unisco, National Environment Corp. of Lybia, Tripoli (19 – 21 June 2007).

## **PUBLICATIONS**

**Ahmed, A. M., W. N. Sulaiman, S. Ibrahim, P. Abdul Latif and M. M. Hanafi. 1999.** Ground and surface water quality study and evaluation at Seri Petaling landfill, Selangor, Malaysia. Proceeding of Malaysian Science and Technology Congress '99, Kuching, Sarawak. Confederation of Scientific and Technological Association in Malaysia (COSTAM).

**Ahmed, A. M., W. N. Sulaiman, S. Ibrahim, P. Abdul Latif and M. M. Hanafi. 1999.** Groundwater exploration using resistivity imaging survey in Kenny Hill Formation, Selangor, Malaysia. Paper presented in the Malaysian Science and Technology Congress

'99, Johor. Confederation of Scientific and Technological Association in Malaysia (COSTAM).

**Ahmed, A. M., W. N. Sulaiman, S. Ibrahim, P. Abdul Latif and M. M. Hanafi. 2000.** Detection of groundwater pollution using resistivity imaging at Seri Petaling landfill, Malaysia. Paper no. 3, vol. 8, *Journal of Environmental Hydrology*. (The Electronic Journal of the International Association for Environmental Hydrology, San Antonio, TX 78235, USA). [http:// www. Hydroweb.com](http://www.Hydroweb.com).

**Ahmed, A. M., W. N. Sulaiman, S. Ibrahim, P. Abdul Latif and M. M. Hanafi. 2000.** Status of heavy metals pollution of ground and surface water at Seri Petaling landfill, Selangor, Malaysia. Paper presented in the International Conference on Advances in Strategic Technologies (ICAST 2000). Faculty of Engineering, Universiti Kebangsaan Malaysia, Malaysia.

**Ahmed, A. M., W. N. Sulaiman, S. Ibrahim, P. Abdul Latif and M. M. Hanafi. 2000.** Determination of aquifer characteristics of Kenny Hill Formation using electrical techniques. Paper presented in the International Conference on Advances in Strategic Technologies (ICAST 2000). Faculty of Engineering, Universiti Kebangsaan Malaysia, Malaysia.

**Ahmed, A. M., W. N. Sulaiman, M. M. Osman, E. M. Saeed and Y. A. Mohamed. 2000.** Groundwater quality in Khartoum State, Sudan. Paper no. 12, vol. 8. , *Journal of Environmental Hydrology*. (The Electronic Journal of the International Association for Environmental Hydrology, San Antonio, TX 78235, USA). [http:// www. Hydroweb.com](http://www.Hydroweb.com).

**Ahmed, A. M and W. N. Sulaiman. 2001.** Evaluation of groundwater and soil pollution in a landfill area using electrical resistivity imaging survey. *Journal of Environmental Management*, Vol. 28, No. 5 pp. 655-663, **(Nov. 2001) New York, Springer Verlag** .

**Ahmed, A. M., W. N. Sulaiman, S. Ibrahim, P. Abdul Latif and M. M. Hanafi. 2001.** Application of Electrical Resistivity Method in Assessment of Groundwater Pollution at Seri Petaling Landfill, Selangor. *Pertanika Journal for Science and Technology*, Vol. 9 (2) pp. 197 - 206 UPM. **(July, 2001)**.

**Ahmed, A. M. 2004.** Heavy Metals and Radioactivity in the Groundwater of Khartoum State, Sudan. *Proceeding of the International conference of water resources in arid and semi arid areas of africa (WRASRA)*, Taylor and Francis Group plc, London, UK.).

**Ahmed, A. M. 2004.** The role of soil as a sink for contaminants *Sudan Journal For Science and Technology Vol.5 No 1* pp. 32-41.

**Ahmed, A. M., W. N. Sulaiman 2005.** Evaluation of groundwater quality in a landfill using resistivity survey. Vol 6 No 1 Jan 2005. *Sudan Journal For Science and Technology*. Pp. 64-72.

**Ahmed, A. M., W. N. Sulaiman. 2005.** Determination of aquifer porosity using resistivity imaging technique. *Sudan Journal For Science and Technology*, Vol. (6)2, June, 2005.pp. 37-44.

**Ahmed, A. M. 2006.** Degradation processes within a sanitary landfill. (*Journal of Sudan Academy of Science*),(Accepted).

**Ahmed, A. M. and Badi, A. M. K 2006.** Determination of the groundwater chemistry of Shendi-Atbara Basin, River Nile State, *Sudan Journal of Science and Technology* (Accepted).

**Ahmed, A. M., Ibrahim.A. E., and Abbashar, A. A. 2007.** Application of electrical geophysical techniques for exploration of groundwater in crystalline rocks, Case study: El Obeid area, North Kordofan State, Sudan. *Journal of Sudan Academy of Science*. (Accepted)..

**Ahmed, A. M. and Badi, A. M. K 2008.** Detection of bacteriological pollution of groundwater in Shendi-Atbara basin, River Nile State, Sudan. *Australian Journal of Basic and Applied Sciences*, INSInet Publication (submitted, (Accepted).

**Ahmed, A. M., Ibrahim.A. E., and Abbashar, A. A. 2007.** Exploration of groundwater in a basement area using geophysical techniques. *The scientific Journal of Alzaiem Alazhari University*, PO Box 1432, Khartoum North, Sudan (under Review).

**Ahmed, A. M. 2008.** The Nubian Sandstone Formation (with reference to Sudan), (Review Paper), *Journal of Juba University for Science and Arts*, Sudan. (under Review).

## **REFEREES:**

**Prof. El Taj Fadlallah**, Vice Chancellor, Kordofan University, PO Box 160, El Obeid, Sudan.

**Dr. Wan Norazmin Sulaiman**

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