

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

C.V

SALAH ABDALLA AHMED

PERSONAL INFORMATION

Nationality : Sudanese

Date and Place of Birth: Khartoum North- 1960

Social Status : Married and Father of Three Sons

Occupation : Civil Engineer

Employer : Federal Ministry of Water Resources & Electricity

Language : Arabic
English
Russian

Qualification:

B.Sc and. M.Sc - Tashkent Institute of Engineers of Irrigation & Mechanization of Agriculture –USSR - June 1985.

- Ph.D. (Hydraulics Structure) Tashkent Institute of Engineers Irrigation and Mechanization of Agriculture Uzbekistan Republic-July 1993

MEMBERSHIP: -Fellow Member of the Sudan Engineer Society.

-Registered as CHARTER Civil Engineer in the Sudanese Engineering Council.

EXPERIENCE:

1985 -1987: Ministry of Irrigation (Projects Directorate) Design Office as Irrigation Designer Involved in the designing –Lay-out Scheme Design.

-Design of Canalization System including Upper and Lower System. Design –Design of Hydraulic Structures e.g. Pump houses, Discharge basin, Culverts, Roads Bridges, Crossing the Canals Regulators, Off -Takes. Design of small dams for water harvesting projects.

1987 -1988: (Projects Directorate) - Supervision and Flow up Section, Assistant Resident Engineer for White Nile Irrigation Scheme Rehabilitation. Work including – Rehabilitate and maintenance the irrigation upper system, also lower system, the construction and maintain the Pump Station House and maintenance some Hydraulic structure.

-Resident Engineer for North Gezira Farm Scheme:- Responsibilities includes Supervision and Flow up all construction of the structures done by the Irrigation Works Cooperation for example ,Execution of the scheme ,the construction of pump house, System of Irrigation and Drainage System, Hydraulic Structure , discharge- basin and Residential houses.

1988 – 1990:

- Dams & Water Control Directorate- (Jeb Aulia Dam)- as operational Engineer for Jebel Aulia Dam..

-Secondly I worked as Maintenance &operation engineer Sennar dam – responsible for:
-Follow up maintenance program of the dam body.

Reservoir embankments, dam road - the two main canals, (Gezira and Managil Main Canal) the Bridges.

1990 To 1994

Post graduate study (Uzbekistan Republic)

1995-2003:

Ground and Surface Water Department (Director of Wades Section).

During this period I occupied the post of the Director of the (Wades Section Surface Water Hydrology, at the above Department.

The responsibilities and activities of the Director of the Wades Section are as follows.

- a. Assessment of surface and ground water potentials in the catchment area of the different Khors and Wadies basin .
- b. Establishment, erection operating, maintenance of different gauging and water measuring stations.
- c. Hydrological field data collection and record keeping.
- d. Evaluation and analyses of data.
- e. Planning and implementing of field studies and processing of the data collected.
- f. Planning and proposed projects for water use in different wades, Khor and aquifers in an integrated approach.
- g. Planning and implementing training for the new engineers and technicians with the modern techniques. (remote sensing and GIS)
- h. Participation in different technical committees and teams. To carry out and design new water harvesting (small Dams, Haffirs and other water harvesting projects.

- 2004- 2010.

-Irrigation Affairs Directorate- North Gezira Irrigation Operation Department- My post is Director of North Gezira Irrigation Scheme with Total Irrigated Area of 800.000 Fadden, North Gezira Scheme consist of six sub- divisions. My responsibility is supervision of all (6) sub-divisions on the North Gezira Scheme to fulfill the irrigation requirements for all the crops in the planned area.

Many activities have been carried out to achieve the duties associated with this responsibility they include:

- Preparing Layouts and Designing & Remodeling, Supervising Rehabilitations Main System &Hydraulics structure system &lower irrigation net works.

- Operation and Management Water in the (upper – lower) system to fulfil and satisfy the crop water Requirement needs.
- Planning and Supervision of silt clearance and weed removal
- Management and operation of the canalization system to satisfy the irrigation needs proper ok of canalization network by maintenance and renovation when possible.

- Follow up and supervising the silt clearance and weeds removal program
- Follow up the preparation and execution of the summer maintenance program including the upper system (main canals, majors, hydraulics structure) and lower system networks. & Drainage system.

May 2010 up to Decembar2011:

Appointed as Assistant Country Manager SMEC International. For varies Task Technical and others activities Follow up the implementation of the engineering Contracts, Participation in preparing Technical proposal & competent Expertise to carry out different engineering work for different clients.

December2011 Up to Now;

Ministry of Water Resources & Electricity. my job Director of Water Resources Planning Directorate..-Participation on Planning of Sudan Water Resources including Surface &Ground Water .

-Supervising The (WATER Harvesting Unit)Activities Using Modern Techniques Remote Sensing &GIS & WMS Software to carryout &Identificaticaion The suitable place for construction the Water Harvesting Projects(Small Dams,Haffirs) .

Other Assignments: 2009-2010

Design &Supervision Work-Project Manager for Client –Khartoum State Water Corporation.

Contractor- Piomak

Project Name- Khartoum Bahri Transmission Pipe Line Project –DN 700 mm.

Implementation Period- One Year

Supervision Including:- Review Water net work Design

- Topographic Work
- Excavation and Trench Covering .
- Valve Chambers and civil work.
- Safety & Quality Control for Material & Pipe.
- Welding
- Testing

Also For Khartoum State Water Corporation I have carried out and Supervised below mentioned Water Supply Network:- Elgerief WEST – Block No -15,16,17,18

-Khartoum North Water Net Work- includes Elmazad, Elshabia, Elmogtarebien Network.

Also Replacement and Rehabilitation Omdorman Water Network.

2007 Up to Now- Member of Technical Committee for (SSMO) – Sudan Standard & Metrological Authority) for Environment and Sanitary.

In addition I carried out the following assignments and duties as indicated below.

IFAD Missions:

Project coordination unit in the Sudan, I worked for the above Two Studies As a Member of a Consultant Team:-

- 1- South Kordofan projects: Range management Strategy
 - Preparation of term of reference (TOR) to carry out studies for;
 - a) South Kordofan range management strategy study.
 - b) Khor Abu Habil catchments basin planning and water development studies

- 2- Supervision and evaluation of the consultancy firm to carry out the above projects including :
 - a) Design and supervision of construction of 4 earth dams
 - b) Design and supervision of construction of 20 new Haffirs
 - c) Design and supervision of rehabilitation of 100 existing Haffirs.

- 3- Contributed to the organization and participated in the national workshop in which the result and outputs of the two studies was presented in Kadugli, South Kordofan State.

January 2007 up to Now

Part – Time Lecturer

I have been a part time lecturer:

1- at the University of EL- Zaim EL Azharry – Faculty of Engineering in the fields of:

- a) Hydraulics
- b) Hydrology
- c) Fluid Mechanics
- d) Irrigation and Drainage Engineering

2 Unesco Chair of desertification studies institute. The Institute of Desertification and Desert Agriculture Studies, U of K.

- MSC Student supervision

October 2007 up to 2009

Ministry of Interior

I am working on part time basis

- as technical irrigation advisor for application of modern irrigation methods in new projects and schemes; including
 - drip irrigation
 - sprinkler irrigation etc

August 1996 -2008 Yam CDC Private Consultancy firm

- In collaboration with this firm I have been associated with the proposed study for the 2nd phase of an agricultural Irrigation Scheme in Tajikistan Republic, including;
 - a) Design of the Scheme
 - b) Supervision of the construction of the proposed irrigation infrastructure.

Date 2000 – 2004:

Missions appointed by the Minister and the Under-Secretary of the Ministry of Irrigation.

- 1- Team leader of a mission appointed by the Minister to Kassala Welia for new water harvesting projects (assessment of water resources potential & Design a new water harvesting projects
 - 2- Mission to Red Sea Welia to Evaluate & study water potentials and identification of new water harvesting projects in different localities.
 - 3- Mission to Study Delta Taker Irrigation scheme and Design New Irrigation Scheme & Preparation rehabilitation program for Valley and Delta.
 - a- Rehabilitation study of Delta Toker scheme
 - b- Water resources assessment and studies including;
 - I. Hydrology of the Wades and Khor.
 - II. Stream Identification
 - III. Proposed Programmed for Rehabilitation of existing water scheme and projects.
- Missions to greater Darfur and Kordafan for;
- a- Hydrological study for surface water.
 - b- Water harvesting studies which include;
 - Identification of new projects
 - Design and construction programmed and schedules for existing construction projects.

-Study and Renovation of Sonowet Dam.

Member of Steering Technical committee to carry out the design & the studies.

_ Member of the National Technical Working Group in IPC(Integrated Food Security Phase Classification) .

Meeting and Conferences:

- The National Working Group on “Water Harvesting &Artificial Recharge in the Arabian Region. Organized by Arab Agricultural Development Organization. Muscat Oman .15 -17 December 2012.

- Seminar on “Agricultural Irrigation Management for Developing countries. Organized by China Agricultural University from 08-To - 28 June 2012. - Beijing –China.
- Consultative Meeting on the Inventory of Shared Water Resources in Western Asia (Shared Rivers Basins in Western Asia). Organized By UN- ESCWA&BGR –Beirut December- 2011.
- Training Workshop on “Economic & Financial Instruments for (IWRM). Ismailia, Egypt 08-12 Sep 2008.
- Training Workshop on “Watershed Management , Water Harvesting & Small Scale Irrigation” From 04-14 June 2007 –Addis Ababa, Ethiopia
- Training Workshop on “Gender & Integrated Water Resources Management” Entebbe –Uganda 06-10 November 2006.
- Training on “Using Software & Computer in Designing Irrigation Network & Modeling. Organized by Arab Agricultural Development Organization. Khartoum 15-27 July 1997.

The National Working Group on Water Harvesting & Artificial recharge in the Arabian region. Muscat- Oman. 15-17 December 2011 .

Consultative Meeting on the Inventory of Shared Water Resources in Western Asia (Shared River Basins in Western Asia

UN-ESCWA & BGR Federal Institute for Geo sciences and Natural Resources .
Lebanon Beirut December 2011.

Conference on Irrigation Management in Cairo Scheme (HRS) of MOI and FORD FOUNDATION 15th – 17th May 1989 Khartoum Sudan

Workshop on Irrigation Water Management in Gezira Scheme organized by HRS of MOI 24th April 2004. Wad Mandeni Sudan

Workshop on Re-Launching Sudan Water partnership

Org: by MOI in Collaboration with Water Technology Society with support
Of WP: E Africa Region 11th – 12th Dec 2004 Khartoum Sudan

Workshop On: the Implementation of the Gezira ACT 2005 Organized by Ministry of Agriculture and Forestry Ministry of Finance and National Economics and the World Bank 20th – 22nd August 2005 ; – Khartoum, Sudan.

International Sediment Initiative Conference (ISIC) Organized by : UNESCO Chair in Water Resources in Collaboration with Omdurman Islamic University and Others 12th – 15th Nov. 2006, Khartoum, Sudan.

Kassala Protection from River GASH Flood Workshop Organized by Ministry of Irrigation and Water Resources. In Collaboration with Kassala State Government 29th Oct 2007, Khartoum – Sudan.

Participation in implementation of Gezira Act 2005, especially in training the farmers and the water users association within the minor canals.

Planning, programming and follow up the rehabilitation work for the minor canals.

Reports and Publication

- Hydrology study (surface water) Red Sea State- 2003.
- Hydrology study – assessment potential surface water for greater Darfur- 2000.
- Development of Umm Biada Valley Study- 2002.

Publications:

Water Policy and Legislation in Sudan 2004.

Water Harvesting for Sustainable Development and Food Security.

Strategy and Methods of Research on Water Resources in Sudan
2004.