

# C.V

## PERSONAL INFORMATION

**Name:** AHMED ABDELMONEIM AHMED OSMAN.  
**professional:** Hydraulic Engineering  
**Date of Birth:** 18/Nov. / 1988  
**Nationality:** Sudanese.  
**Marital status:** Single.  
**Languages:** Arabic (mother language) & English (spoken & written).  
**Address:** Hydraulic Research Center (HRC), P. Code 11111 Wad Medani, Sudan  
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## OBJECTIVE:

Seeking to take up managerial position in the field of Civil Engineering and take challenging, creative and diversified projects.

## ACADEMIC QUALIFICATIONS

<b>Primary</b>	Comboni Primary School (British School), Sudan-Port Sudan.	<b>1994-1999</b>
	Abd-Elrahman Bakhet Primary School, Sudan- Khartoum, Al-Elafon.	<b>2000-2002</b>
<b>Secondary</b>	Al-Elafon Private Secondary School ,Sudan-Khartoum.	<b>2003-2006</b>
<b>University</b>	B.Sc. in Civil Engineering–University of Khartoum, Degree of Honor, Second Class-Division One.	<b>2007-2012</b>

## TRAINING AND SHORT COURSES:

- Training course in engineering work techniques at University of Khartoum (lab zero), May ,2008.
- Training course in survey work at Elsabaloga camp, March ,2010.

- Training in A&A Company , Expansion of the Nile Street project, August,2010.
- Milestone center ,Short Course on Project Management Professional ,(PMBOK) 5<sup>th</sup> addition ,(1<sup>st</sup> – 18<sup>th</sup>)Jun ,2014, Khartoum ,Sudan.
- Hydraulic Research Center (HRC), Short Course on Hydrodynamic Modeling, development, calibration and validation (SOBEK), (21<sup>st</sup> - 23<sup>rd</sup>) April 2015, Wad Medani, Sudan.
- Dam Implementation Unit (DIU), Water Information Center, Short course on Bathymetric Survey (27<sup>th</sup>- 30<sup>th</sup>) April 2015,Soba, Sudan.
- Dam Implementation Unit (DIU), Merowe Dam Hydropower Plant-Merowe Dam, Short course on Dam Safety (2<sup>nd</sup> – 4<sup>th</sup>) May 2015, Merowe, Sudan.
- Hydraulic Research Center (HRC), Short Course on Hydrodynamic Modeling-Delft3D ,(5<sup>th</sup> –7<sup>th</sup>) June 2015, Wad Medani , Sudan.
- Hydraulic Research Center (HRC) , Short Course on Geographic Information System (GIS) and Remote Sensing (RS), (30<sup>th</sup> Aug–3<sup>rd</sup> Sep) 2015 , Wad Medani, Sudan.
- Hydraulic Research Center (HRC), Short Course on introduction to River Basin Simulation Model (RIBASIM), (11<sup>th</sup> -15<sup>th</sup>)Oct -2015, Wad-Medani, Sudan.

## COMPUTER SKILLS:

- **Microsoft office:** Excellent in using Microsoft Office (Excel, Word, power point).
- **Software associated to water:** Arc GIS, HAYPACK Survey, SOBEK, Delft3D, ADCP, Current-meter.
- **Management Software , Schedule and Planning Program:** Primavera P6, MS Project (Scheduling).
- **Programming languages:** C++ , PASCAL , FORTAN.
- **Drawing 2D&3D Modeling:** AutoCAD 2D&3D Design
- **Drawing and Analysis Model and Design:** ETABS, SAFE.

## PREVIOUS CAREER HISTORY

- **March.2015 up to date , Assistant Research in Hydraulic Research Center (HRC), Sudan, Wad Medani.**
- **Responsibilities and tasks:**
  - Involved in different ongoing projects such as:
    - Al-Rahad Irrigation scheme to Calibration of Some Hydraulic Structures, (20) Hydraulic structures, my tasks and achievements:

- Field measurements (using current-meter device).
  - Data entry.
  - Data analysis (using Excel Sheet).
  - Writing technical reports.
- River navigation project, in the reach from Barbar to Khartoum and from Khartoum to Kosti, my tasks and achievements:
- Field measurements (Bathymetric survey for the White Nile river using the echo-sounder device, land survey).
  - Data entry.
  - Data analysis using Excel Sheet and Hydrodynamic Modeling (SOBEK).
- Research on seasonal forecast for Blue Nile and Atbara rivers (metrological event),

➤ **Oct.2013-March.2015, Sudan Railways Corporation, Infrastructure administration, Building Department, Ministry of transportation, Khartoum, Sudan.**

**Responsibilities and tasks:**

- Prepare of the Bill of Quantities for the tenders.
- Prepare of workshop drawings.
- Scheduling the activities using Primavera P6.
- Handing over the site to the contractor.
- Receiving the delivery notes of activities.

➤ **Jan.2013-Sep.2013, Part-time Teaching Assistant in the Civil Engineering Department, University of Khartoum.**

**Responsibilities and tasks:**

- Preparation of tutorials and work assignments.
- Conducting laboratory experiments 'soil lab and fluid lab'.
- Marking the tests and tutorials.
- Preparation of coursework's marks from tests and tutorials.

## RESEARCH AND PUBLISHED PAPER:

A thesis submitted to the University of Khartoum faculty of Engineering in partial achievements for the Degree B.sc (Honor) in Civil Engineering, Under supervision of the Director of the Building and Road Research Institute (BRRI). Bearing Capacity on Layers System, Graduate Research, which was on the Bearing Capacity (B.C) of layers of soil laid beneath footings. The project idea was how to calculate the values of B.C from laboratory tests and equations (Theoretical), compared by the B.C estimated empirically by using the physical model considering the conditions of lab.

## PROFESSIONAL MEMEBERSHIP:

Permanent (FULL) registration as "Graduate Engineer" under the number 34434, Sudan Engineering Council, 27<sup>th</sup> of August 2013

## HOBBIES & INTEREST:

- Sports.
- Reading.
- Painting.
- Internet browsing and research.

## PERSONAL SKILLS:

- Self Confidence.
- Quickly acquires new knowledge and applies when needed.
- Detail oriented with strong analytical and problem solving skills.
- Possess strong verbal and written communication skills.
- A highly motivated and committed person who wouldn't let you down

## REFERENCES :

### **Prof. Yasir A. Mohammed (PhD),**

General Director, Head Of Hydraulic Research Center (HRC).

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### **Prof. Abdin M. A. Salih (PhD),**

Professor of civil Engineering, University of Khartoum (Former president of the intergovernmental council of the international Hydrological program of UNESCO).

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### **Prof. Gamal M. Abdo (PhD),**

Associate professor in University of Khartoum, Civil Engineering Department, and Director Water Research Center-Khartoum-Sudan.

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