

Mohammed Yasir Abbas

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Summary

A Civil Engineering graduate from University of Khartoum with First Class Honors pursuing Master's study in Water Resources Engineering, with particular interest in Hydraulics and Hydrological Modelling. Currently working as Research Assistant at Hydraulic Research Center – Sudan.

Education

University of Khartoum, Sudan

Civil Engineering, First Class Honors — 2011-2016

Gained extensive knowledge in Fluid Mechanics, Hydraulics, Irrigation Engineering, Hydrology, Soil Mechanics, Theory of Structure, Sanitary Engineering and Numerical Analysis.

Gained a particular interest in Hydraulic Modelling through a final year thesis in 'Simulation of the Operation of Atbara Dams Complex for Water Use Optimization', grade A+.

Cumulative Grade Point Average 8.42, 1st Class Honors. Achieved ranking of 1st in Faculty, out of 140 students.

Al Sheikh Mustafa Al Amin School, Sudan

Sudanese National Exam, 97% — 2009-2011

Achieved ranking of top 10 in Sudan, out of 450,000 students.

Andinet International School, Ethiopia

Grade 9 — 2008-2009

Awarded Student of the Year.

Achieved 1st Prize in Annual Andinet International School Science Fair.

Khartoum International School, Sudan

Grade 8 — 2007-2008

British International School, Ethiopia

Grade 7 — 2006-2007

Experience

Training program, Ministry of Water Resources, Irrigation, and Electricity (MoWRIE) of Sudan

Khartoum, Sudan— June 2014

I achieved a certificate in Flood Management and Dams Operation through attending a thorough two-week training course at the Ministry, which included:

- Operating of Hydrology Stations
- Hydrological Data Analysis & Flood Early Warning System
- Dams Operating and Safety
- Crop Water Requirement, and
- Co-operating Program for the Roseires and Sennar Reservoirs.

Training Program, Hydraulics Research Center

Wad Madani, Sudan— August-October 2016

I completed a two-month training course at the Center, gaining extensive practical experience in:

- Hydrological Data Analysis
- Water Balance Method, and
- Brief knowledge of RIBASIM - River Basin Simulation Model.

As part of the program, I was required to undertake an independent study: 'Hydrological Analysis for the Atbara River Stations', for which I submitted a written report.

Volunteering

Takaful Charity Organization

Khartoum, Sudan — 2012-present

Vice President, 2013-2014

Volunteer, 2012-present

Tafakul is a non-profit charity organization in Khartoum that helps orphans. I have volunteered for the charity for four years now, arranging and helping in different tasks. For example: gathering warm clothes and blankets for the children in winter and distributing them; fundraising at Ramadan time and collecting and distributing the food; holding a crafts and clothes shopping event in University of Khartoum so that they can come and choose clothes for Eid, and generally trying to think of new ways of making them feel valued.

Skills

- **Teamwork** - I completed my Bachelor's Thesis in a team of four and through successful cooperation and pooling of resources, we managed to achieve an A+.
- **Leadership** - through a British Council programme called International Climate Champions, I was selected to be Representative of the School and speak in a panel about Climate Change awareness in schools and the community.
- **Modelling** - attended a short course in Hydrological Modelling using the software HEC-HMS, and became familiar with its models' concepts and theories.

Interests

- **Volunteering**
- **Tennis** - I have played ground tennis for two years and I participated in Addis Ababa Tennis Tournament twice.