



Nazik Abdullahi Mohamed Ahmed Abdulla

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Professional summary

A motivated and highly ambitious researcher in the water sector field that is seeking for every opportunity to learn, and to enhance my career and gain experience through education, workshops, conferences, trainings..etc.

Personal Information:

Date of Birth: 7/4/1985

Place of Birth: UK

Original country: Sudan

Sex: Female

Material status: Single

Religion: Muslim

Work Experience

1/8/2020 – now **Hydraulic Research Center (HRC) – Ministry of Irrigation and Water Resources.**

Position

Researcher

- Coordinating and managing the WaPOR Project
- Conducting two training batches from different institutes and other ministries
- Conducting two workshops and seminars
- Conducted three farmers in order to spread the awareness among farmers.
- Evaluating the core team results and making sure the component of the project are done on time
- Writing and submitting all the reports according to the FAO and making sure that all the deliverables are according to the TOR

4/8/2019 –
21/4/2020
Position

American university of Ras Al khaimah Ras Al Khaimah UAE
Instructor

- Initiated new learning methods, in teaching lectures and conducting the lab experiments
- Educate first year students on the basics of how to be a successful engineer through the course of Introduction to Engineering.
- Educate third year students on the area of heat transfer, mass transfer and fluid mechanics by applying them practically through the fluid lab and thermal lab also using the soft wares with the equipment
- Educate fourth year students on the area of reaction of chemicals, control separation and distillation processes by applying them practically through the chemical engineering lab and using software to collect data.
- Optimized learning plans, quantifying student progress through test administration.
- Assist and monitor graduates and research students in there research projects
- Using the DASPA and Course file to show the methods of teaching and evaluating the students at the end of the semester apply the accreditation of the ABET and the SACSOC and CAA

9/3/ 2015 -1/7/ 2019

Hydraulics research center (HRC) – Ministry of Irrigation and water Resources Khartoum Sudan

Position

Researcher

- Head of the Hydraulic research center laboratory.
- Conducting applied researches that are related to the water issues.
- Supervising and making sure that the samples are taken according to the proper procedure and in time.
- Collecting and analyzing data in the optimal and standard methods.
- Team leader of the Sediment Monitoring and water quality Programs.
- writing proposals for water issues and how to solve them by applied researches.
- writing final reports for the applied researches.
- participating in different researches, workshops and courses conducted by the HRC according to its mandate.

- Teaching different kind of student such as: field engineers, engineers from other ministries, graduated students...etc. in the courses that are conducted by the HRC
- participating in workshops, conferences, courses that are conducted nationally or internationally or regionally.

17/2/2019-19/5/2019 **Eastern Nile Technical Regional Office (ENTRO) Addis Abba Ethiopia**

Position **Internship program**

- Water Quality and reservoir sediment management

1/1/2018–30/1/2019 **Hydraulics research center (HRC) – Ministry of Irrigation and water Resources Khartoum Sudan**

Position **Assistant for Human Resources and Financial**

- Daily administrative and financial activities
- Solving the arising issues
- Ensuring the work is done according to the governmental procedure.
- Responsible for providing the needs for the teams in field projects

2012- 2013 **University of Khartoum Khartoum Sudan**

Position **Teacher Assistant**

- Taught the unit operation lab with different kind of equipment such as the gas chromatography (GC), High Performance/Pressure Liquid Chromatography (HPLC), centrifuges ...etc.
- Taught the Organic Chemistry lab
- Taught the principle of chemical engineering tutorials
- Material and Energy Balance

5/2012 – 7/2012 **Omdurman English School Khartoum Sudan**

Position **Part time teacher**

- Teaching science, Technology, and math

9/2012 – 6/2013 **Al Rahma for mineral water factory Khartoum Sudan**

Position **Chemical Engineer**

- Production
- Quality Control
- Lab Analysis
- Distribution

1/7/2008 –16/7/2011 **Tiga Plastic Factory Khartoum Sudan**

Position **Shop Supervisor**

- Interacting with customers
- Solving there issues
- Issuing invoices
- Purchasing chemical substances for the production

Education

14/7/2014	University Of Khartoum	Khartoum	Sudan
	Master of Science: Chemical Engineering Master Degree obtained by courses and research the research title is: <i>Computational Fluid Dynamics Simulation of a Fluid Catalytic Cracking Regenerator</i>		
16/3/2008	University Of Gezira	Wad-Medani	Sudan
	Bachelor of Science: in Chemical Engineering		
8/2015 – 10/2016	International Language Center	Wad – Medani	Sudan
	Diploma in English		
30/8/2015- 3/9/2015	Hydraulics Research Center	Wad Medani	Sudan
	Introduction to Geographic Information System (GIS) and Remote Sensing (RS)		
7/5/2009 – 7/8/2009	The Sudanese National Federation for UNESCO	Khartoum	Sudan
	Diploma in Computer		

Accomplishment

- Participated in Consultation Workshop On Framework For The Design Of Basin Wide Sediment And Water Quality Monitoring System October 18 - 19, 2015, in the Dire International Hotel Adama, Ethiopia
- Participated in Advancing the Nile Cooperation through Increased Awareness and Visibility Workshop which was held in Wad-Medani Sudan 07/06/2016

- Coordinating and participating in the best site selection for the water harvesting projects workshop which was held in Al-Obied 25-26 July 2016.
 - Participated in the EU-AU-IIASA Evidence and Policy: Water- Energy- Food Nexus held in Ispra, Italy From the 30th of August to the 2nd of September 2016
 - Coordinating and Participating in the annual seminar of the Hydraulics research center – Ministry of water resources irrigation and electricity in 2015 & 2017 & 2018
 - Participated in the Integrated Water Resources Management training in Wad- Madani 2325/12/2017 –Global Water Partnership Eastern Africa (Sudan Water Partnership).
 - Participated in Toker Delta: Revitalizing the bright history for a brighter future in Delta Toker agricultural Scheme.
 - Participated in applying the international specifications in the soil analysis in the university of Gezira- development of university education center 7-10/5/2017.
 - Participated in the hydrological and sediment training course in Budapest an Baja – Hungary from the 30/9/2018 to 7/10/2018
 - Participated in the validation workshop of the draft document on national action plan for the implementation of the Great Green wall for the Sahel and Sahara initiative August 24-25, 2015 in the Grand Holiday Villa Hotel in Sudan.
 - Participated in the Sudanese society for safety, health and environment, a member of committee in the Sudanese society for safety health and environment.
- Presenting seminars in safety that are related with chemical pollutions and accidents

Projects

- Technical and financial proposal for a Joint Venture between HRC and the University of Applied Science Van Hall Larenstein in Field of Water Harvesting in Sudan.
- Report for the best site selection for the water harvesting projects, the national second workshop on water harvesting.
- Sediment monitoring report for 2015.
- Sediment monitoring report for 2016.

- Sediment monitoring report for 2017.
- Sediment monitoring report for 2018.
- Study for water quality in Wad Medani wells.
- Proposal for Integrated Water Resources Management Training Course.
- Participated in the report of the assessment of the return flow of the Gezira Scheme
- Improve Water Productivity using the (WaPOR) Portal for Gezira Irrigation Scheme in Sudan Remote Sensing and field-based analyses of crop and water Productivity in Gezira Irrigation Scheme, Sudan (Wheat crop) and Sorghum crop.
- Participated in the Compendium list of issues and possible solutions to improve productivity in Gezira Irrigation Scheme.
- Capacity Building and farmer events reports.

Skills & Training

- Leadership currently as the head of the Hydraulics research center laboratory
- Team leader of many projects Coordinator of workshops, Seminars and course worked for one year as the managing director
- Mentoring skills, as I am responsible of the technicians and assistant researchers.
- Teaching skills gained through teaching different kind of students in the university.
- Excellent communication skills gained through my experience from working as a researcher in the field with different kind of people such as technicians, labors, Engineers ...etc.
- Ability to perform multiple tasks.
- Work under pressure.
- Communicate well with others.
- Ability to work in team.
- Computer programs: Microsoft Office, Ansys.13, Fluent, Gambit, Sobek, Delft3D and GIS and Remote Sensing.
- Khartoum Refinery 24/2/2008 – 24/3/2008
- Elie pharmaceuticals 19/11/2004 – 1/12/2005
- Al Nasr for Leather Products 22/12/2005 – 5/1/2206

- Very good in computer skills and browsing the internet.

Publications and Awards

- Computational Fluid Dynamics Simulation of a Fluid Catalytic Cracking Regenerator (Nazik Abdullahi, M. Ahmed, Mustafa Abbas Mustafa, Ali M. Ali Seory) in University of Khartoum Engineering Journal,2016
- Registration certificate for Specialist Engineer from Sudanese Registration Council on 7/1/2018