

*Full Name :Anuor Abdelmonem Taha Ayoub*

## PERSONEL INFORMATIONS

Nationality:	Sudanese
Date Of Birth / Place:	21/07/1985, River Nile State-Sudan
Marital Status	Married
Language Spoken:	Arabic: Mother Tongue English: Very Good

## CONTACT INFORMATION

Permanent Address	Elamilaien - Port Sudan - Sudan
Current Work Address	Faculty of Applied Science – Medical Physics Department- Red Sea University- Sudan
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Google scholar	<a href="https://scholar.google.com/citations?user=wHbA_2wAAAAJ&amp;hl=ar">https://scholar.google.com/citations?user=wHbA_2wAAAAJ&amp;hl=ar</a>
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## EDUCATION

1- University/Institute/College: Harbin Engineering University  
Country: China.

Degree Awarded: Ph.D of Engineering Nuclear Sciences and Technology.

Year of Award: (October 2024).

Major: Nuclear Sciences and Technology

2- University/Institute/College: Sudan Academy for Sciences  
Country: Sudan.

Degree Awarded: M,Sc in Nuclear Sciences and Technology

Major: Nuclear Sciences and Technology

Year of Award: (March, 2013).

3- University/Institute/College: Omdurman Islamic University  
Country: Sudan

Degree Awarded: B,Sc in Physics, Excellent degree

Major: General Physics

Year of Award: (Feb, 2008).



### Executive Summary

I have been a part of the Medical Physics Department at the Faculty of Applied Science, Red Sea University, Sudan, since 2008, starting immediately after obtaining my B.Sc. I began my career as a Teaching Assistant and advanced to the position of Lecturer in 2013. My role involves extensive work with radiation applications in medical physics, where I have developed significant expertise. I have also served as the head of the department, gaining valuable leadership experience. My professional journey includes a strong focus on radiation protection, radiological hazard assessment, and the highest levels of training in radiation protection techniques. Currently, I hold a Ph.D. and specialize in radiological hazard assessment.

## Employment

- 1-2008-2013 Teaching assistant in Red Sea University faculty of applied science – medical Physics department.
- 2- 2013-to 2021 Lecturer in Medical Physics Department - faculty of applied science - Red Sea university-Sudan.
- 2021 to now Assistant Professor in Medical Physics Department- faculty of applied science - Red Sea university-Sudan.

## PROFESSIONAL EXPERIENCE

- Head of Applied Physics Department until (Faculty of Applied Science -Red Sea University) from 2015 to 2016.
- Secretary of the Examinations Committee at the College of Applied Sciences -Red Sea University, from 2015 to 2017.

## PROFESSIONAL CERTIFICATES

- Nuclear and Radiological Commission (RSO) -Saudi Arabia (2025)

## RESPONSIBILITIES & DUTIES

### Teaching and Instruction

#### Main Duties:

- Develop and deliver lectures on various topics in physics and medical physics.
- Prepare and update course materials, including syllabi, assignments, and exams.
- Conduct laboratory sessions and provide practical demonstrations.
- Provide constructive feedback to students to support their learning.
- Develop and grade exams, assignments, and projects.

### Research and Scholarly Activities

#### Main duties:

- Conduct original research in nuclear technology ,radiation protection and related fields.
- Publish research findings in peer-reviewed journals and present at conferences.
- Supervise undergraduate and co-supervise for postgraduate research projects.
- Attend workshops, seminars, and conferences to enhance teaching and research skills.

## TRAINING/CERTIFICATION

### Date Attended Course Title

### Training Institution

2011-2013	Training in gamma spectroscopy devise and survey meter detector.	Institute of safe radiation -Sudan atomic energy commission.
2011	Radiation protection and health physics.	Sudan atomic energy commission.
2015	Training Course on Radiography, Nuclear Medicine and Radiotherapy	Department of Medical Physics Faculty of Applied Sciences - Red Sea University - Sudan
2015	Radiation protection and radiobiology-The International Conference on Radiation Medicine (ICRM2015)-	King Faisal Specialist Hospital & Research Center (KFSH&RC)-Saudi Arabia.
2021	Online training course in radiotherapy from traditional techniques to advanced three-dimensional treatment-	Arab Atomic Energy Agency (AAEA)-.

### **Publications and presentations**

- 1- A review about radioactivity in TENORMs of produced water waste from petroleum industry and its environmental and health effects(2019).
- 2- Radioactivity measurement in glacier and Polar ice-caps: An overview(2019).
- 3- Calculation of Beam Hardening in Industrial X-ray Computed Tomography and its Correction using Filtration and Linearization Methods.(2020)
- 4- Radionuclide migration in fresh water from nuclear power plant liquid effluent discharged: (Hypothetical case study)(2020).
- 5- Study and assessment of (FeCrAl) and (SiC) as candidate materials for accident tolerant fuel cladding in LWRs. (2020).
- 6- Investigation of Natural Radioactivity in Building Materials Commonly used In Red Sea State and Radiation Hazard Assessment (2022).
- 7- Investigation of Radon Concentration in Port Sudan Houses (2022).
- 8- Radiological hazard assessment for human from nuclear power plant effluent released under normal operation scenario (hypothetical case study) (2023)

### **REFERENCES:**

- 1- Prof. YuShou Song, Department of Nuclear Science and Technology, Harbin Engineering University, China. E-mail: songushou80@163.com
- 2- Prof. Isam Mohammed Salih (Director of the Institute of Radiation Safety – Sudan Atomic Energy Commission) Email : isamsalih@gmail.com Tel :- 00249123666557
- 3- Dr. Fathi Awed Taha –Faculty of Applied Science- Medical Physics Department–Red Sea University Email : fathi01@gmail.com Tel:- 00249912810964