

Germana William Mlay

Assistant Lecturer in Physics

Ms. Germana William Mlay is an Assistant Lecturer (AL) in the Department of Physics at Mkwawa University College of Education (MUCE), a Constituent College of the University of Dar es Salaam (UDSM), Tanzania. She received a B.Ed.(Science) degree and M.Sc. degree in Physics major in Nuclear Physics from UDSM, in 2009 and 2014, respectively. She joined academic staff at MUCE as a Tutorial Assistant (TA) in the Department of Physics in the year 2009 after completing undergraduate course in the same College. In 2014 she was promoted to AL in the Department of Physics after completed her master's studies. As a part of her master course she did her dissertation on "Assessment of Indoor Radon-222 Concentrations in the Vicinity of Manyoni Uranium Deposit, Singida". She is doing different researches in her areas of specializations. Her research interests include Environmental Radioactivity Measurements, Radiation Protection and Detections.

Contacts

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Ms. Germana William Mlay' CV

Areas of Specialization and Research Interest

Environmental Radioactivity Measurements, Radiation Protection and Detections.

Selected Publications

1. **G.W. Mlay** and I.N Makundi (2018). Assessment of Indoor Radon Concentrations in the vicinity of Manyoni Uranium Deposit, Singida. *Tanzania Journal of Science (Tanz. J. Sci.)* 44(1): 191-206
<https://www.ajol.info/index.php/tjs/article/view/171597>
2. **G.W. Mlay** and I.N Makundi. Determination of Annual Effective Dose rate and Annual Equivalent Dose rate from Indoor Exposure in the vicinity of Manyoni Uranium Deposit, Singida. Under review in *Tanzania Journal of Science (Tanz. J. Sci.)*

PROFESSIONAL MEMBERSHIP

1. Member of UDASA-MUCE {University of Dar es salaam Academic Staff Association} October 2009 to date:
2. Member of Tanzania Physical Society (TPS)- From 2009 to date