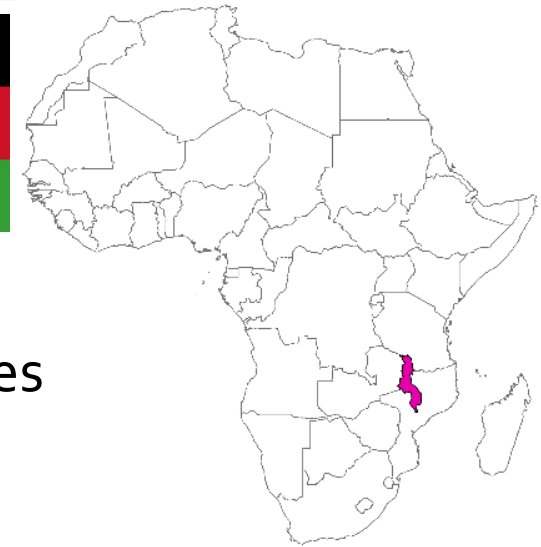


Estiner Walusungu Katengeza



Malawi



Lecturer in Physics:

Malawi University of Business and Applied Sciences

PhD Environment Studies

- March 2022, **limoto Lab**, The University of Tokyo
- **PhD Thesis:** The behavior of radiocesium in reservoirs of Fukushima and its impact on decontamination
- **Research Collaborator:** Japan Atomic Energy Agency (JAEA)

MSc Medical Physics

University of Surrey, United Kingdom (2013)

BSc Environmental Science and Technology (Physics)

University of Malawi (2009)



Music on

YouTube: <https://www.youtube.com/channel/UC8dMk3i81Yipoj5dI4F49kw>

Semi-professional singer

Music Also on:
Amazon, Spotify,
Itunes, Apple music

Current Activities/Plans

Research on Naturally Occurring Radioactive Materials (NORM)

Background

- Radiation protection for NORM varies regionally (e.g. EU, Asia) and from country to country
- Most African countries do not have data on NORM
 - Only 3 African countries had radon data and maps in 2014 ^[1]

Motivation

- Uranium mining in Malawi since 2009
- Plan to increase (3% → 20%) contribution of *extractive industry* to economy
 - potential for increased NORM & its residues

Research Purpose

To establish background radioactivity and radiation levels in Malawi for the assessment of impact of developmental activities and the development of practical radiation protection system for NORM in developing countries.