

List of Africa Regional Subject Matter Experts (Af-RMSE) in Biological Waste Management



Geoffrey Odhiambo Jagero

Professional Title: Senior Technical Advisor - Diagnostics
Nationality: Kenyan
Institution: Ministry of Health-Kenya
Area of Expertise: Biological Waste Management
Certified as African Regional Subject Matter Expert: 2023

Geoffrey is a senior technical advisor on diagnostics to the ministry of health. He is certified by IFBA as a Biorisk Management expert. Geoffrey is a certified Global Mentor with IFBA and a member of Kenya TWG on Biosafety and Biosecurity. Geoffrey currently serves as a member of Certification Body of the International Federation of Biosafety Associations (IFBA) as well as an expert to the Health Security Interphase - Technical Advisory Group (TAG) at the WHO. Geoffrey is a recipient of the Center for Global Health International Public Health Epidemiology and Laboratory Research Award and a nominee for the CDC/ATSDR Charles C. Shepard Science Award both for scientific publications and for lifetime scientific achievement.



Mmashela Kgole

Professional Title: Manager: Waste Assurance
Nationality: South African
Institution: National Health Laboratory Services (NHLS)
Area of Expertise: Biological Waste Management
Certified as African Regional Subject Matter Expert: 2022

Mmashela Kgole currently serves as Manager - Waste Assurance in the National Health Laboratory, Safety Health and Environment Department. She holds a Diploma in Environmental Health, BTech in Environmental Health, BA Honours in Environmental Management, and a Postgraduate Diploma in Public Health. She also has completed short courses in business management, project management, environmental law, and environmental compliance enforcement.

Mmashela is a registered with the Health Professions Council of South Africa as an Environmental Health Practitioner with 22 years of work experience. As a Manager - Waste Assurance, she is responsible for the national waste management program in the organization, and ensuring that laboratories comply with the relevant waste management legislation and standards.

Prior to joining the NHLS Mmashela worked for the National Department of Environmental Affairs in the Chemicals and Waste Management Branch for five years as an Assistant Director where she was responsible for investigating waste treatment technologies and alternative waste management interventions, and participated in the development of national regulations for waste management. She also worked for a local municipality for nine years as an Environmental Health Practitioner, where she was responsible for environmental health promotion and compliance monitoring and enforcement of laws relevant to environmental health. Mmashela has been trained and recommended by the Africa CDC in collaboration with the African Society for Laboratory Medicine (ASLM) as a trainer for the Recognition and Certification Framework for Institutions Handling High Risk Pathogens Training workshops



Rumbidzai Ndungwani

Professional Title: Trainer - Qualifying the Workforce for AMR Surveillance in Africa and Asia (QWArS)

Nationality: Zimbabwean

Institution: College of Medicine and Allied Health Sciences, Sierra Leone

Area of Expertise: Biological Waste Management
certified as African Regional Subject Matter Expert: 2022

Rumbidzai Ndungwani is a Biomedical Scientist with over 16 years of experience working in Public Health Laboratories and lecturing Medical Laboratory Science and AMR courses across Africa. She holds an Honours Degree in Medical Laboratory Sciences (UZ), Master of Science in Biomedical Sciences (Ulster, UK), MPH (Texila, USA) and is currently pursuing a PHD in Public Health. In her career, she is a University of Columbia Health Research Fellow through which she has received experience in Good Laboratory Practice (GCLP) and Good Clinical Practice (GCP).

Additionally, as a lecturer and QWArS trainer, Rumbidzai has mentored, advised, and implemented biosafety, biosecurity, and waste management subject matters across Africa. As a technical advisor, Rumbidzai has helped set up a Waste Management technical working group in Swaziland. She has also driven the national roll-out of the COVID-19 and Ebola vaccines in Sierra Leone including the management of expired vaccines. She is also an exam writer for the American Society for Microbiologists. Rumbidzai has also rendered her expertise across a broad spectrum of Ministries of Health (MOH), Non-Governmental Organizations (NGOs), private institutions, and industry in Africa, Europe, and the Middle East.



Sandra Matinyi

Professional Title: Project Officer – SynBio Africa's Global Catastrophic Biological Risks Initiative

Nationality: Ugandan

Institution: SynBio Africa

Area of Expertise: Biological Waste Management
certified as African Regional Subject Matter Expert: 2022

Sandra holds a Bachelor's degree in Medical Laboratory Science and a Post Graduate Diploma in Project Planning and Management. She has 10 years experience in laboratory science, biosafety, biosecurity, and quality management systems based on various international standards, including ISO 15189:2012, ISO 35001:2019, and ISO 15190:2020.

Sandra supported the Ministry of Health of Uganda with the development of a healthcare waste management policy and implementation guidelines. She currently works as a Project Officer with SynBio Africa's Global Catastrophic Biological Risks Initiative, where she focuses on developing and implementing biosafety and biosecurity training programs. She is certified in Biorisk Management by IFBA, and is also a certified Biosafety and Biosecurity trainer and auditor. Recently during the BWC RevCon 2022, she was listed among the "women making the world safe from Biological and Toxin Weapons" at 50 years of the Biological Weapons Convention.



Tšaletseng Siimane

Professional Title: Lecturer –Environmental Health Sciences

Nationality: Mosotho

Institution: National University of Lesotho

Area of Expertise: Biological Waste Management

Certified as African Regional Subject Matter Expert: 2022

Tšaletseng Siimane is a Lecturer in Environmental Health Sciences at the National University of Lesotho (NUL). She has 9 years experience in the teaching courses such as Solid and Hazardous Waste Management and Communicable Disease Control. She holds a Bachelor of Science in Biology and Chemistry, BSc (Hons) in Environmental Technology and an MSc Environmental Technology.

Tšaletseng has worked as a National Focal Person for Healthcare Waste Management in the Ministry of Health and as a Medical Waste Management Specialist under the Millennium Challenge Account-Lesotho's Health Sector Project, where focus was on building healthcare waste policy, legislation, strategy, guidelines and procedures for Lesotho. She has also overseen a healthcare waste management implementation project for transportation, treatment and disposal of healthcare waste in the private sector.

Tšaletseng is a Trained Trainer in Biosafety and Biosecurity and Integrated Disease Surveillance