Benjamin K. Mayala

Benjamin K. Mayala attended the University of Dar es Salaam, Tanzania until 2002, obtaining a Bachelor of Science in Geomatics. He was employed by the National Institute for Medical Research (NIMR) in 2003 as a research scientist with expertise in health Geographic Information System (GIS). From 2005 to 2007, he pursued a Master of Science in GeoInformatics at the International Institute for GeoInformation Science and Earth Observation (ITC), Netherland.

Benjamin has applied his GIS expertise by mapping the geographical locations of health facilities in Tanzania. He has worked on various health mapping and infectious diseases surveillance. He has worked with NGOs, government institutions and international organizations on various projects and research that utilise GIS. For the past 3 years, he was a mentor and lecturer on approaches in applying GIS in health research for Masters Studies in Field Epidemiology and Laboratory Technician at Muhimbili University of Health and Allied Science in Tanzania.

He is currently pursuing his PhD at the University of Notre Dame in the Department of Biological Sciences. His project is focusing on the impact of climate on Change on Malaria in Tanzania, whereby he is going to use various algorithms to model the distribution of malaria in relation to climate variable. He is expecting to develop models that could be used as an early warning system for diseases prediction