

THE OPEN UNIVERSITY OF TANZANIA

DIRECTORATE OF RESEARCH AND PUBLICATIONS

Research and Development Projects (2014-2018)

Project Title & Project Period	Funding Organization	Host Department and Principal Investigators/coordinator	Project Objectives	Expected Outputs	Project impact the on socio- economic development of Tanzania
Environmental Sustainability of Hotels in Zanzibar (2019-2023)	Danish Fellowship Centre (DFC) File no: 17-040-KU	Department of Leadership and Governance Dr. Bukaza Chachage	Fostering environmentally responsible practices at hotels in Zanzibar with special reference to the management and organizational practices of wastes and mosquito control	-Evidence based research on Solid Waste Management (SWM) and -Mosquito control which will be disseminated to internal and external stakeholders to influence policy and decision making processes. -Three PhDs and one postdoc completed and increased research capacity at all partner	Established evidence based organizational and management innovations for SWM and Mosquito control that will be incorporated in the hotel sector in Zanzibar and generate research to inform sustainable development with the hotel sector in tropical and subtropical regions.

				universities (University of Copenhagen (UCPH), Open University of Tanzania (OUT), Aalborg University (AAU), and State University of Zanzibar (SUZA)).	
Partnership for Enhanced and Blended Learning (2017 -2021)	Strategic Partnership for Higher Education Innovation and Reform (SPHEIR) UKaid	Prof. Martin Victor (OUT)	To expand the range of courses offered to students enrolled on taught undergraduate and postgraduate degree programmes, and ease the teaching burden placed on their staff.	Enhance teaching quality, student outcomes, and graduate employability, helping to ensure that students graduate from East African universities with the relevant skills and knowledge needed for the workplace in a dynamic and changing economic climate	Increased skilled manpower in all economic sectors; industries, engineering commerce, medicine etc.
Science Technology and higher education Project-Additional Funding (STHEP-AF)	World Bank	Faculty of Science Technology and Environmental Studies &	Building Institutional Mechanism to apply ICT in		Increased skilled manpower in STI sectors leading to higher economic

retooling) (2014)		Faculty of Education	science teacher training		growth of the country
Assessment of the Potential for Commercialisation of Traditional Beef Feedlots (2014)	COSTECH	Dr. A. Gimbi (OUT) Prof. L.J.M. Kusiluka (SUA) Prof. E. D. Karimuribo	Promote animal feeds and feed additives production, processing and marketing	Animal feeds improved in order to increased production and productivity of livestock.	Increased high productivity in the beef industry leading to higher economic growth of the country
Development of Bioactive Products for Pest and Disease Management From Tanzanian Indigenous Wild Mushrooms (2015)	COSTECH	Dr. M. J. Mihale (OUT) Dr. J. Sempombe (MUHAS) Prof. L. Henry (DIT) Prof. V. Mugoyela (MUHAS) Dr. F. Sung'hwa (USDM)	To generate effective, affordable, naturally-derived products and medicines for pest and disease management to improve health in poor rural agrarian communities	Improve food security, contribute to greater income stability and decreased poverty for farmers, and spur economic development for the region.	Improve food security, contribute to greater income stability and decreased poverty for farmers, and spur economic development for the region.
Tracing the status and impacts of terrestrial contamination in the coastal environments of Tanzania (2015)	VLIR-UOS BELGIUM	Dr. M. J. Mihale (OUT) Dr. H. Hellar-Kihampa (OUT)	To assess the environmental quality of marine and estuarine ecosystems in Tanzania and trace the impacts of contamination from land-use	Knowledge on the current levels of endocrine pollutants and their relation to morphological and /or physiological changes in selected marine organisms.	Knowing the levels of contaminants and being aware of the effects of contaminants on exposed organisms will help to have informed decision regarding our coastal

			practices.		environments for community wellbeing
Securing Small Holder Farm Production Against Climate Induced Risks	Alliance for a Green Revolution in Africa (AGRA)	Dr. J. Saria (OUT) Prof. L.J.M. Kusiluka (SUA) Dr. N. Makula (UDSM) Mr. K. Tamadhani (SUA) Mr. T. Messo (OUT) Ms. N. Msofe (OUT) Ms. S. Shija (OUT)	To determine tradeoffs and preferences of smallholder farmers on the attributes climate smart agricultural practices, specifically modeling choices of smallholder farmers using choice experiment method.	Inform policy, more research on farmers' preference and trade off on the attributes is needed to establish a scientific and logical progression about the tradeoffs people are willing to make with regard to the attributes of climate smart agriculture practices.	
Validation of Spatial Monitoring and Reporting Tool (SMART) to promote science-based wildlife conservation in western Tanzania (2015)	COSTECH	Dr. P. wilfred (OUT), Dr C. Nahonyo (UDSM) Dr F. Magige (UDSM) Mr H. Kayeye (SUA), Dr A. Kisingo (CAWM-Mweka)	To improve management of protected areas in which poaching and illegal trade of natural resources occur and need to be controlled.	Reduced poaching and illegal Trade of natural resources	Increased natural resources and tourism leading to higher economic growth of the country
Reconciling	Rufford Small	Dr. P. Wilfred (OUT),	To assess	Reduced	Balanced relation

Conservation and Livelihoods in Western Tanzania: Challenges and Opportunities (2015)	Grants Foundation (RSGF)	Prof. E.J. Milner-Gulland & Dr. H. Travers (Univ. Oxford)	drivers of resource exploitation for better targeting of conservation interventions	conservation conflicts	between conservation and livelihoods
Improving the effectiveness of conservation enforcement in Ugalla Game Reserve, western Tanzania (2015)	Rufford Small Grants Foundation (RSGF)	Dr. Paulo wilfred (OUT)	To propose a methodology for determining the spatial and temporal patterns of illegal activity in Ugalla Game Reserve	Effective field assessment of conservation efforts	Improved conservation monitoring
Online Proposal and Research writing Skills Trainings (2015-2018)	International Network for Availability of Scientific Publications (INASP)	Directorate of Research and publications Prof. Emmanuel Kigadye (OUT)	To build upon a successful three years of embedding online courses in research and grant proposal writing at Open University Tanzania	To ensure sustainability of training in research writing and proposal writing beyond 2017.	Increased skilled manpower in STI research leading to higher social economic growth of the country