



UNITED REPUBLIC OF TANZANIA

MINISTRY OF EDUCATION, SCIENCE AND  
TECHNOLOGY



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DIRECTORATE OF POSTGRADUATE STUDIES,  
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**NOTICE OF RESEARCH PROJECT AWARD UNDER THE  
SUA RESEARCH AND INNOVATION SUPPORT (SUARIS) 3<sup>RD</sup> PHASE  
COMPETITIVE RESEARCH AND INNOVATION GRANTS FOR YEAR 2022/2023 FOR  
SUA STAFF**

**LIST OF SUCCESSFUL PROJECTS**

<b>Commissioned Grants</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
1	Reconstruction and Performance Evaluation of the SUA Waste Stabilization Ponds to Improve In-Campus Waste Water Treatment	Douglas Werasimbo Mushi	CoNAS	<b>80,000,000</b>

<b>Standard Grants</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
1	Surveillance and Molecular Characterization of African Swine Fever Virus in Soft ticks and domestic pigs in Nyerere National Park for improvement of food security, and income of farmers.	Abel Severin Lupala	CVMBBS	<b>30,000,000</b>
2	The potentiality of mushrooms as animal feed additive for reducing pathogenic bacteria colonization and improving the health of food animals.	George Janke Sanga	CVMBBS	<b>30,000,000</b>

<b>Standard Grants</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
3	Molecular Characterization, Incidence And Distribution Of Southern Bean Mosaic Virus (Sbmv) In Common Bean In Tanzania	Beatrice V. Mwaipopo	CoA	<b>30,000,000</b>
4	Improving Growth and Meat Quality of Broiler Chickens through Photo-thermal Stimulation	Luckas Obanda Malachy	CoA	<b>29,900,000</b>
5	Farm-Oriented Open Data (FOOD) to Improve Swahili Agricultural Information Search Using Knowledge Graph	Joseph Philipo Telemala	CoNAS	<b>29,990,000</b>
6	Spatial temporal assessment of human development and eco-environmental consequences at Ngo	Mariam Nguvava	CoNAS	<b>29,500,000</b>
7	Assessing the potential and sustainability of shallow groundwater wells in expansion of irrigated area for small scale farmers	Festo Richard Silungwe	SoET	<b>28,000,000</b>
8	Cutting-edge ICT tools for enhancing multi-stakeholder linkages to foster sustainable fish farming in the Kilombero Floodplain (Cute-fish)	Abdulbastwa Hassan Athuman	CoNAS	<b>30,000,000</b>
9	Quality of Scientific Research Works: Determinants, Measurement, and Challenges in Higher Education in Tanzania	Job Wilson Mwakapina	CSSH	<b>29,990,000</b>
10	Exploring Antiparasitic potential of medicinal plants: Case of ecto and endoparasites management in pigs	Gwakisa Mwasikili Aroni	CVMBBS	<b>30,000,000</b>
11	Developing environmentally friendly organic fertilizer using coal ashes to improve soil productivity and crop production in Tanzania	Hilda Gerald Sanga	CoA	<b>27,490,000</b>
12	Molecular detection of Taenia solium porcine cysticercosis in meat juice samples from pork entering the food chain	Noel Mark Makwinya	SoE	<b>30,000,000</b>
13	Climate-smart Agriculture- documentation of emerging neologisms in ethnic Community languages in Mbeya Tanzania	Edwin Clemence Msigwa	CSSH	<b>29,900,000</b>

<b>Standard Grants</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
14	Strengthening Governance Interplay between Formal and Informal Institutions for Optimization of Water Resources Management in Pangani River Basin in Tanzania	Halima Omari Mangi	CSSH	<b>29,500,000</b>
15	Towards Royal Tour Success: Sentiment Classification And Opinion Mining Approach For Tanzanian Tourism Destinations Websites Evaluation	Peter Marwa Ezra	CFWT	<b>30,000,000</b>
16	Linkages of Energy Sector to the Tanzania National Economy and Implications to Greenhouse Gas Emissions: Application of the Input-output Methodology	Beatus John Temu	CFWT	<b>30,000,000</b>
17	Assessing The Impact Of Fire On Forest Structure And Restoration Using Advanced Remote Sensing Techniques	Amina Amri Hamad	CoNAS	<b>29,500,000</b>
18	Promoting Efficient Sharing of the Agro-mechanization (PESA)	Anna Geofrey	CoNAS	<b>30,000,000</b>
19	The Paradox of Climate Change on Future Paddy Productivity in Mvomero District: The nexus of Spatial-Modelling of Climate Change and Paddy Productivity	Angela Mcharo Jesse	CSSH	<b>29,500,000</b>
20	Developing Student-Farmers Centred Innovative Extension Prototype for Producing Entrepreneurs and Innovators in Tanzania	Philbert S. Nyinondi	CoNAS	<b>30,000,000</b>
21	The Influence Of Cultural Heritage And Creative Industries On Tourism And Coastal Economy	Maria E.S. Mngulwi	CFWT	<b>29,500,000</b>
22	Agriculture Insurance for Sustainable Production in Tanzania	Christopher Godlove Magomba	CoEBS	<b>29,900,000</b>
23	Matching spatial scale, pattern, carrying capacity and human home range to improve village land use planning in Tanzania	Nelson Richard Makange	SoET	<b>30,000,000</b>

<b>Standard Grants</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
24	Documentation of endangered Ethnic Community languages of Tanzania: The case of Zinza	Nichodamus Robinson Mwasakilali	CSSH	<b>30,000,000</b>
25	Comparative Economic Analysis of Avocado Production and Timber Growing in Southern Highlands of Tanzania	Michael Lucas Kadigi	CSSH	<b>29,500,000</b>
26	The role of knowledge and information intermediaries in mitigating resource-based conflicts between farmers and pastoralists in selected districts in Tanzania	Ester Ernest Mzava	CoNAS	<b>29,500,000</b>

<b>Standard Grants (Commissioned Grants Application Considered for Standard Grants)</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
1	Enhancing food security and livelihood through Effective and Sustainable Diagnosis and Management of Emerging Major Plant-Parasitic Nematodes Affecting Maize and Potato crops in Tanzania	Yasinta Beda Nzogela	CoA	<b>30,000,000</b>

<b>Standard Grants</b>				
<b>SN</b>	<b>Research Topic</b>	<b>Principal Investigator (PI)</b>	<b>College/ School/ Institute</b>	<b>Recommended Amount (TZS)</b>
1	Determination of oxytetracycline levels in the cattle meat and awareness of antimicrobial residues in the cattle meat production and supply chain in Kilosa district, Morogoro	Frida Richard Mgonja	CVMBS	<b>20,000,000</b>
2	Gender-oriented Community-Based Ranking and Prioritization of Determinants for Development Project Sustainability during and post implementation phase in Morogoro region, Tanzania.	Judith Samwel Kahamba	CSSH	<b>20,000,000</b>
3	Exploring the influence of Agro-pastoralists' practices on Human-Wildlife interactions in the Katavi-Rukwa ecosystem	Happiness Charles Bupamba	MPCC	<b>20,000,000</b>

Additional information on the next steps will be communicated to the Project Investigator (PI).

The SUA Management acknowledges all who showed interest to apply. Feedback to all applicants will be shared with you all in the coming few days.

*Issued by:*

**The Directorate of Postgraduate Studies, Research, Technology Transfer and Consultancy (DPRTC)**

**Date: 16<sup>th</sup> February 2023**