ZIMBABWE

MINISTRY OF HIGHER AND TERTIARY EDUCATION, SCIENCE AND TECHNOLOGY DEVELOPMENT

RIO-SET EXPO 2017

First Call for Papers

THEME: CULTURAL DIVERSITY IN RESEARCH AND INNOVATION FOR SUSTAINABLE DEVELOPMENT

Preamble

The Research and Intellectual Outputs – Science, Engineering and Technology (RIO-SET) Expo is a Zimbabwean initiative by the Ministry of Higher and Tertiary Education, Science and Technology Development that was set up to showcase the best research and intellectual work by Zimbabweans both at home and in the Diaspora. It seeks to harness the very best research and intellectual work by Zimbabweans for national development. It therefore provides a platform for sharing knowledge, networking and collaboration for all Zimbabweans and other stakeholders.

The Expo will address a range of important topics under various sub-themes. Plenary speakers will include some of the country's leading luminaries in various disciplines, as well as numerous paper, workshop and poster presentations by researchers.

The theme for the seventh edition of RIO-SET is *"Cultural diversity in research and innovation for sustainable development"*. The Expo is scheduled to take place in September 2017 (exact dates will be confirmed) at the Great Zimbabwe University (GZU). It will bring together Zimbabweans from all disciplines to share latest research findings and brainstorm new research ideas across disciplines. The Expo is a unique forum for academics, professionals, students, industrialists, investors and entrepreneurs with cross-disciplinary interests to meet and interact with each other. We are therefore inviting papers on sub-themes that will deal with issues around this year's theme.

Through research and innovation aligned with the ZIM-ASSET perspective, RIO-SET Expo seeks to understand research-oriented innovative development outputs that could be commercialised for purpose of growing the economy.

Researchers wishing to submit papers for RIO-SET Expo 2017 are invited to do so. The deadline for submission of abstracts is Friday the 3rd of March 2017. Authors with abstracts that are selected for presentation at the RIO-SET Expo will be notified by the 4th of April 2017 and will be expected to submit full papers by the 21st of July 2017. In particular, we invite them to address sub-themes relating to how research and innovation promote sustainable development.

Papers to be presented can cover, but will not be limited to the following sub-themes:

1. Arts, Culture and Humanities	- Innovative Value Systems (Ubuntu/Unhu) for sustainable development - African Philosophy and governance - African indigenous knowledge systems for sustainable development - Creative industries and sustainable development - Culture, identity and sustainable development - Empowering youths through arts and culture - Growing the economy through humanities - Indigenous languages, innovation and sustainable development - Puncturing imperial discourse through African Critical Theory - Heritage and sustainable development - African religion and sustainable development - Harnessing African values from foreign religions - Zimassetising Africa-centred metaphysics - Religion and gender: An African perspective - Africa – centred metaphysics and economic development - Interreligious dialogue for national development

		• Religion, peace and conflict
2.	**Social Sciences**	• Innovation for sustainable development • Culture and population dynamics • Intra-trade; Common market • Entrepreneurship for sustainable development • Public-Private partnerships • Indigenization and gender empowerment for sustainable development • Early and child marriages • Gender and media • Youth empowerment
3.	**Agriculture, Environment, Natural Resources and Tourism**	• Agricultural production, environment and sustainable development • Climate change: Implications and opportunities • Conservation of natural resources for sustainable development • Promoting agriculture and tourism linkages • Policy issues in Agriculture and the environment • Tourism and economic development • Biotechnology for sustainable development • Promoting agricultural niche markets for economic growth • Greening the environment for sustainable development • Gender, environment, agriculture and economic growth • Land-tenure and sustainable development • Water and sanitation
4.	**Education**	• Education for sustainable development • Innovative Technical Vocational Education and training • Inclusive Education • Early Childhood Education • Cultural diversity and Education • Quality Assurance in education • Gender and diversity in education • Unhu/Ubuntu, language and sustainable development • Leadership development for sustainable development • Continuing Education for sustainable development
5.	**Science, Technology, Engineering and Mathematics**	• Innovative value addition and beneficiation • ICTs for sustainable development • Biotechnology • Nanotechnology • Energy Development and power management • Green technologies • Ethno-sciences

	• Emerging technologies • Food Product development • Mining and Metallurgy • Manufacturing/Engineering technology • Transportation and Logistics • Infrastructure development and Services • Materials Science and Engineering • Intellectual Property and Technology Commercialisation • Product Design and Development • Process Engineering • Mathematical Modelling and Ethno-mathematics • Artificial intelligence and machine learning

6. **Health and Well being**	**Category A : Biomedical Research and Development**
	• Evidence Based Health Practice
	   ✓ Diseases Diagnostic Tests
	   ✓ Diseases Modelling/Biostatistics
	• Medicines and vaccines Therapeutic Development
	• Prostheses Development (Artificial Limbs, Pace Makers etc.)
	• Scientific Medical and Industrial Equipment Maintenance and Repair
	
	Category B : Public Health
	• Nutrition and Diet Food Security at Household Level
	• Lifestyle Diseases
	• Reproductive Health
	• Water, Sanitation and Environmental Health
	• Climate Change and Health
	• Application of Framework for Sanitary Safety in Trade
	• Health Policy and Legislation Frameworks
	• African Spiritual Health/healing
	• Medical Tourism
	• Occupational Safety and Health
	• Health care Financing
	• Access to Health Care/community participation
	• Private Partner Participation
	• Ethics in Health Practice
	• The Food Value Chain and Food Safety
	• Biosafety and biosecurity Regimes
	• Bioterrorism
	• Health information systems
	• Quality Assurance/Patient Satisfaction
	• Alternative Medicine (homeopathy, acupuncture, religion)

	Category C : Management of Diseases, Pests and Vectors • Zoonotic Diseases and Pests • Diseases, Diagnosis and Technologies • Emerging and Re-Emerging Diseases • Human-Domestic Animal-Wildlife Interface • Epidemiology and Diseases Control Category D : Sports • Sports Medicine • Physical Exercise • Physical Health • Physiotherapy
7. Management, Leadership and Governance	• Corporate Governance • Innovative leadership • African leadership behaviour and management • Citizen Participation • Social Justice • Corporate Social Responsibility • Formulating creativity in leadership and Corporate Governance • Gender in Governance and Leadership • Management for sustainable and economic development

Guidelines for papers

The length of the abstract should be between 150 and 200 words. A maximum of five key words should accompany the abstract. Papers must be between 4000 and 6000 words including tables, figures and references. Papers must be on double spaced A4 paper, tables, graphs, pictures must be camera ready. All copyrighted material must be cleared by the author. References and notes must be cited in the paper as author and date, full reference to be given at the end of paper.

Only those authors who submit full papers by the given deadline will be allowed to present at the Expo. After the presentations at the Expo all papers will first be subjected to antiplagiarism software before being sent for peer review. Papers accepted by the peer reviewers will be published in the two journals namely: *Journal of Zimbabwe Studies: Science, Technology and Health* and *Journal of Zimbabwe Studies: Arts Humanities, Education.*

Abstracts showing institutional affiliation and contact details should be submitted to research@gzu.ac.zw