



## CALL FOR APPLICATIONS

### TWAS-SAREP Regional Young Scientists' Conference 2019

Theme: **Water-Food-Climate/Energy Nexus and Policy in Africa**

Closing date: **23 August 2019**

#### 1. Introduction

The **Kenya National Academy of Sciences (KNAS)** in partnership with the **World Academy of Sciences Sub-Saharan Africa Regional Partner (TWAS-SAREP)** will be hosting the Annual Regional Young Scientists' Conference from **23-25 October 2019** in Nairobi, Kenya. The theme for the conference is **Water-Food-Climate/Energy Nexus and Policy in Africa**.

KNAS and its partners invites emerging/young scientists from sub-Saharan Africa to apply to participate in this multilateral conference. The conference is envisaged to bring about experts/senior scientists as key speakers, policy makers and young scientists to deliberate on topical issues affecting Africa.

#### 2. Background

The theme of this year's conference is aligned with Sustainable Development Goal (SDG) 6: Water and sanitation, while the sub-themes are aligned to Science, Technology and Innovation Strategy for Africa (STISA 2024), an African Union policy and strategy document for leveraging science, technology and innovation to accomplish development goals. Its mission is to "accelerate Africa's transition to an innovation led, knowledge-based economy".

The conference will seek to address critical issues pertinent to Africa's development challenges as identified in STISA 2024 through rigorous scientific debate and interrogation of policy dimensions in the four sub-themes, namely: **Food Security in Africa; Climate Change and environmental protection; Water resources exploitation and management; and Energy and Sustainable Development in Africa**. The young scientists will also get to be trained on science diplomacy and sustainable development goals with the objective of exposing to the real world of the complex interaction between the scientists, the policy makers and the implementers.

#### 3. Conference sub-themes

The conference is aimed at exploring in detail the following sub-themes and they are aligned to STISA 2024 priority areas as indicated against each sub-theme.

##### (a) Food Security in Africa

- Priority 1: Eradication of hunger and achieving food security: agriculture/agronomy in terms of cultivation technique, seeds, soil and climate; industrial chain in terms of conservation and/or transformation and distribution of infrastructure.



## **(b) Climate change and environmental protection.**

- Priority 4: Protection of our space: environmental protection including climate change studies, biodiversity and Atmospheric physics, space technologies, maritime and sub-maritime exploitation, knowledge of the water cycle and river systems as well as river basin management.

## **(c) Water resources exploitation and management in Africa; and (d) Energy and Sustainable Development in Africa**

- Priority 6: Wealth creation: Education and human resource development; exploitation and management of natural resources, forests, aquatics, marines etc; management of water resources.

### **4. Eligibility**

The 2019 call for applications is open to emerging/young scientists and early career researchers from sub-Saharan Africa. Consideration will be given to applicants who meet the following criteria:

- Be from or working in sub-Saharan Africa
- Be under the age of forty (40)
- Be in possession of at least a Masters degree and enrolled for PhD
- Have research interests in the conference sub-themes
- Submit an abstract (online form) that is relevant to the conference theme
- Be willing to present and share current research results at the conference
- Applications from [STLCs and LDCs](#) are highly encouraged

### **5. Conference**

KNAS and TWAS-SAREP invites submission of abstracts for oral and poster presentations in one of the aforementioned subthemes. Applicants are advised to clearly articulate their focus and argumentation as well as demonstrate how their abstract will contribute towards critical understandings and further interrogation of their chosen subtheme. The conference will be delivered in an inter-disciplinary approach and will go beyond recitation of scientific findings.

All applications inclusive of abstracts must be submitted online by **23 August 2019** at **16h00 Central African Time (CAT)** using this link: [Application Form](#). Kindly note that there is no registration fee to attend the conference. Further communication about the conference will only be limited to the successful applicants.

### **6. Queries**

All the queries about this call must be submitted to [secretariat@knascience.org](mailto:secretariat@knascience.org); quoting **RYSC2019** as your subject of the email. No application/abstract/cv will be accepted if received by email, mail or fax.