



African Economic Research Consortium (AERC)

CALL FOR EXPRESSION OF INTEREST (PARTICIPANTS)

TECHNICAL WORKSHOP ON AGENT-BASED MODELING OF EDUCATIONAL AND SOCIAL SYSTEMS

Established in 1988, African Economic Research Consortium (AERC) has grown to be a premier capacity building institution for the advancement of research and graduate training to inform economic policies in Africa. The consortium's mandate and strategic mission is built on the basis that sustained development in Sub-Saharan Africa requires well trained, locally based professional economists. A highly integrated knowledge organization spanning research, training, and policy outreach, AERC is now a vast network of universities, policy makers, researchers, educators, and international resource persons. The principal mission is to strengthen local individual and institutional capacity to conduct independent, rigorous inquiry into problems pertinent to the management of Sub-Saharan African economies through synergistic programmes combining economic research with postgraduate training in economics.

The Bill and Melinda Gates Foundation (BMGF) signed a grant agreement with AERC to support rigorous research on human capital development in the following seven (7) Sub-Saharan African countries: ***Nigeria, Ethiopia, Kenya, Uganda, Burkina Faso, Senegal, and Madagascar***. The Project is designed to improve generation and management of knowledge on Africa's human capital and address key constraints on human capital accumulation, such as weak public financial management (PFM) and service delivery systems.

Call for expression of interest undergo training on Agent-Based Modeling of Educational and Social Systems Under the Collaborative Research Programme

In line with its mission to build and strengthen capacity, as well as generating policy relevant economics research for informed policy making on the continent, guided by rigor and evidence and with support from BMGF, AERC is organizing a three-day **physical/in person** training workshop on Agent-Based Modeling of Educational and Social Systems from **October 17 - 19, 2022 to be held in Kenya**. The workshop is aimed at equipping potential researchers and technical staff with analytical skills, tools and software in order to develop research proposals and research capability to be able to carry out research and policy analysis/development using the tools learnt. Participants will learn theory and practice related to content of the course using some econometric software to estimate and interpret the results and make presentations to the rest of the participants. This is therefore a call for expression of interest by participants to take part in this course.

Participants in this workshop are researchers and technical personnel from the following seven (7) Sub-Saharan African countries: ***Nigeria, Ethiopia, Kenya, Uganda, Burkina Faso, Senegal, and Madagascar***. Interested Individual and institutional researchers involved in Human Capital Development are hereby invited to respond to the call for expression of interest. A 5-page CV (including gender, nationality, title, institution of affiliation, telephone and email address), plus a brief motivational statement (1 page) should accompany the expression of interest, saved as one document titled with the researcher's Nationality and two names. Individual and institutional researchers and the institutions participating in this project can also apply.

To be eligible, one must satisfy the following criteria:

- i) Must have at least a master's degree in economics or a relevant field from a recognized university.
- ii) Must be researcher or technical personnel from the following countries: ***Nigeria, Ethiopia, Kenya, Uganda, Burkina Faso, Senegal, and Madagascar***. Having an ongoing AERC research paper or thesis at analysis stage in the relevant area will be an added advantage
- iii) Must briefly demonstrate how the course will be beneficial to them and/or their country/institution they are working in (one page).
- iv) Eligible females are encouraged to apply.
- v) The title of the email must be ***“Trainees EOI – HCD Agent-Based Modeling of Educational and Social Systems”***.

The deadline for receiving the expression of interest is **August 30, 2022**. Your expression of interest will be evaluated by AERC, and we will let you know the outcome in a period of three weeks after August 30, 2022. The expression of interest should be sent by email to cresearch@aercafrica.org addressed to

The Director of Research
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