



INDIANA UNIVERSITY BLOOMINGTON  
**OSTROM WORKSHOP**

## COLLOQUIUM SERIES

### **Joseph Bahati**

*Makerere University*

Monday, March 21: 12:00 – 1:00 pm ET

Via Zoom: [Click here for link to Zoom meeting](#)

Limited In Person Seating at 513 N. Park Ave.



### **Overcoming Barriers in Management of Sustainable and Regenerative Climate Smart Agriculture, Agro-Forestry and Environment Projects: The Case of the Banana Industrial Research and Development Centre, Uganda**

This paper examines how banana production has improved by using climate-smart agricultural/agronomic practices and improving resource-use efficiency at subsistence farm level. It highlights how the Banana Industrial Research and Development Centre (BIRDC) has transformed South-western Uganda through sustainable and regenerative climate smart agriculture, agroforestry, and appropriate production environment. The study was guided by three objectives: (a) examining the barriers in management of sustainable and regenerative climate smart agriculture; (b) assessing the capacity of the stakeholders; and (c) analyzing climate change adaptation measures in managing climate smart and regenerative agriculture practiced by them. Findings suggest that farm-level production barriers can be removed by, inter alia, building stakeholder capacity; appropriate site-matched on-farm integrated agroforestry; and introducing small-scale irrigation. To minimize the prevailing global climate change experienced in the study region, farmers need to adapt the use of climate information, agro-forestry, adopt soil and water conservation measures, plant the right cultivars, and update their agricultural knowledge and skills through training.

**Joe Bahati** is a Senior Lecturer at Makerere University, School of Forestry, Geographical and Environmental Sciences; and a Professional at the Banana Industrial Research and Development Centre on organic farming, plant ecologist, Environment, Social Impact Assessment, Climate Change and Agroforestry. He is registered and recognized by the National Environment and Management Authority (NEMA) in Uganda as part of the qualified and competent people to undertake environmental and social impact assessments in the country.

Ostrom Workshop  
513 N. Park Ave  
Bloomington, IN 47408  
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*This will be a hybrid event. Attend via the Zoom link above or in person. To reserve a seat please email [workshop@iu.edu](mailto:workshop@iu.edu)*