

The Ugandan Story: Water, Food and Bio- wastes Research

Inaugural J.B. Davidson Lecture

Rural bioenergy is still the predominant form of energy used by people in less developed countries, and bioenergy from biomass accounts for more than 90% of the total rural energy supplies in some developing countries. Rising bioenergy demand is likely to affect nutrition and food security – if energy demand proceeds at or exceeds its current pace, calorie availability will decline and child malnutrition will increase substantially, particularly in Sub-Saharan Africa because families will have to make choices between energy and food. Bringing bioenergy production to the farm-scale therefore provides an opportunity for the agricultural sector to reduce their reliance on imported fossil fuels while improving the soil, water, and air quality. Professor Banadda Noble will discuss research that links bioenergy, biomaterials quantity and quality, and water resources in Ugandan agriculture.



Dr. Noble Banadda

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Dr. Banadda is Chair and Professor of Agricultural and Biosystems Engineering in the School of Food Technology, Nutrition and Bioengineering at Makerere University, Kampala, Uganda. Makerere University is Uganda's flagship institution of higher education. Dr. Banadda received his Ph.D. in Chemical Engineering from PhD in Chemical Engineering from Katholieke Universiteit Leuven, Belgium.

Wednesday, September 3, 2014

12:00 - 1:00 p.m.

3306 Elings Hall