

An invitation is
extended to all
interested parties
to attend the

6th UKULINGA HOWARD DAVIS MEMORIAL SYMPOSIUM



THEME: SUSTAINABILITY AND INNOVATIVE TECHNOLOGIES IN AGRICULTURE

DATE: 22 & 23 May 2024

VENUE: Ukulinga Research Farm,
University of KwaZulu-Natal, Pietermaritzburg

The theme of **SUSTAINABILITY AND INNOVATIVE TECHNOLOGIES IN AGRICULTURE** is intended to bring together stakeholders driving research and practice across southern Africa to focus on the challenges and opportunities of establishing a circular economy for the improved resilience of agricultural systems.

We encourage you to attend if you work or study within this area in academia, research, practice, civil society, farming organisations, processing, policymaking, and local government as the event speaks to enhanced sustainability to bolster food systems against threats that include climate change, biodiversity loss, environmental degradation, water scarcity and pollution, pesticide and herbicide resistance, loss of traditional knowledge, market pressures, and more.

The food system, from farm to processors to retail to consumption, is driven by markets, consumer preferences, the environment, geopolitics, and more. Governed by policy and informed by research, the outcomes of the food system and how it is run include human health, food and nutrition security, economic development, social equity, food waste, environmental impact, and more. Transforming food systems for improved resilience and sustainability requires engagement across the value chain for integrated solutions.

The diverse programme will include discussions from climate change adaptation and mitigation to the circular economy, innovative technological advances, local and regional food systems, food loss and waste reduction, biological control, sustainable supply chains, digitisation and technology, big data, impact science, the water-energy-food nexus, food and nutrition security, and the science-policy interface.

We gratefully acknowledge funding from the Howard Davis Farm Trust in their endeavour to see communities benefit from knowledge integration between higher education institutions and agricultural stakeholders.

KEYNOTE SPEAKERS



Professor Linda Godfrey : *“Rethinking the South African agriculture sector – The role of the circular economy”*

Professor Linda Godfrey is a Principal Scientist at the CSIR and Extraordinary Professor at North-West University, South Africa, and holds a PhD in Engineering. With over 25 years of sector experience, she manages Circular Innovation South Africa and the Waste RDI Roadmap Implementation Unit on behalf of the Government. She has provided strategic input to several local, regional and international waste and circular economy initiatives for the United Nations, European Union, World Bank, South African Government, business and academia. She lectures internationally on solid waste management and the circular economy in the context of developing countries. She has published extensively in the field.

Professor Alfred Odindo : *“Rethinking human excreta management as central to nutrient recycling; why, how, and so what?”*

Professor Alfred Odindo is a Crop Scientist with over 20 years of experience in teaching and research. His current research focuses on understanding the interactions between engineering (sanitation innovations), agriculture and social systems and their application in seeking practical solutions to the global challenges of water, energy, food security and environmental pollution. He is a recipient of the Water Research Commission's Research Knowledge Tree Award in the category “Human Capital Development in the Water and Science Sector” in recognition of his contribution to human capital development in the water sector.

Click here  to RSVP by 13 May 2024

If you would like to exhibit at the event or have any other queries, please get in touch with
Mrs Christine Cuénod on cuenod@ukzn.ac.za or +27 33 260 6557