



Australia Awards



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CREATE CHANGE

Irrigation and Water Resources Management for Agriculture Short Course

# Symposium: Irrigation and Water Resources Management - Achieving Impact for Africa

The Symposium *Irrigation and Water Resources Management (IWRM) for Agriculture: Achieving Impact for Africa* will bring together experts and practitioners, and aims to inform leading international and national government and non-government organisations throughout West Africa on the actions required to foster the adoption of best practices in IWRM for improved food security across Africa. The expected outcomes of the Symposium are a set of recommendations to achieve Impact for Africa through tangible action in key areas:

- Economic incentives
- Social equality
- Technology transfer
- Policy intervention and governance
- Environmental requirements

**Date:** Thursday 28 March 2019

**Time:** 9am – 5pm followed by informal dinner & networking

**Venue:** Conference Center, International Institute of Tropical Agriculture (IITA) Ibadan  
PMB 5320, Oyo Road, Idi-Oshe, Ibadan, Oyo State, Nigeria

**Cost:** Free to register and attend.  
Lunch & Dinner are provided at the event

**RSVP:** Please fill out [RSVP form](#) or email [thoa.harring@uq.edu.au](mailto:thoa.harring@uq.edu.au) by Wednesday 20 March 2019.  
Places are limited, please RSVP as early as possible.



# EVENT HIGHLIGHTS

## KEYNOTE ADDRESSES

- Keynote address by **Prof. Joshua Ogunwole**, Vice-Chancellor, Bowen University
- Keynote address by **Ing. Wilson Darkwah**, Acting Chief Executive, Ghana Irrigation and Development Authority – Public Private Partnerships: Engaging the private sector in the establishment, operations and maintenance of irrigation schemes

## PANEL DISCUSSION: IMPROVING GOVERNANCE STRUCTURES OF IWRM IN AFRICA

**Moderator:** Dr Gunnar Kirchhof

**Panellists:** Representatives from Oyo State Agricultural Development Programme (OYSADEP), Federal Ministry of Water Resources (Nigeria), Ghana Irrigation and Development Authority, and Dizengoff Nigeria (private sector)

### Working Groups

- Empowering women and youth in decision making for irrigated crop management
- Enabling end-user access to irrigation technology
- Enhancing sustainable water management practices through knowledge transfer

## DR GUNNAR KIRCHHOF

PANEL MODERATOR, LEAD FACILITATOR

**Senior Lecturer, Agriculture and Food Sciences, The University of Queensland Australia**



Dr Kirchhof is a principal research fellow and senior lecturer for applied soil physicist in The University of Queensland's (UQ) School of Agriculture and Food Sciences with special interest in land resource management, in particular for developing countries. His current research projects include soil fertility management in the highlands of Papua New Guinea (PNG), soil erosion management in the mountainous regions of Laos and conducting training courses on applicability of conservation farming practices in many African countries. His key research interests are in soil fertility and soil water management practises for small holders, erosion and soil degradation reduction, impact of reduced tillage system on land use sustainability and soil organic carbon management in relation to plant water use efficiencies. Dr Kirchhof has published well over 100 papers including 35 in refereed journals, four editorials, three book chapters, two manuals, and 62 trade journals, conferences and workshops.

## PROFESSOR JOSHUA OGUNWOLE

IWRM LEAD FACILITATOR (AFRICA),  
KEYNOTE SPEAKER

**Vice-Chancellor, Bowen University Nigeria**



Prof Ogunwole is a soil physicist and vice chancellor of Bowen University Iwo, Osun State, Nigeria. He has 20 years of experience as a key researcher in soil physics and water conservation in the Savannah regions of Africa. His research focuses on understanding feedbacks between human activities and ecosystem

biogeochemistry. Prof Ogunwole's unique expertise extends across plant physiology, soil physics and water conservation and their implications to agriculture and food security in North and West Africa.

Prof Ogunwole has been a major contributor to the in-Africa component of our Dryland Farming Africa, Conservation Agriculture and Irrigation Fellowships, focusing on biophysical aspects of land and water use in Africa. Prof Ogunwole was an assessor of Australia Awards – Africa (AAA) Fellowship applications for the 2014 Conservation Agriculture programs.

## ING. WILSON KWABENA DARKWAH

KEYNOTE SPEAKER/PANELLIST

**Acting Chief Executive Officer, Ghana Irrigation Development Authority (GIDA) of Ministry of Food and Agriculture**



Ing. Wilson Kwabena Darkwah is an expert in irrigation, agricultural water management, and civil engineering with over 20 years of experience in high level positions managing and supervising the construction of irrigation projects, in policy making for irrigation development, and implementing government policies for irrigated

agriculture. In his roles as Deputy Chief Executive (Engineering) and Acting Chief Executive Officer of the Ghana Irrigation Development Authority (GIDA), Ing. Darkwah provides direction, guidance and leadership for irrigation projects, site identification, survey and mapping, design of suitable infrastructure for agricultural production and livelihoods improvement, services procurement, contract management, and project commissioning. Representing GIDA at the IWRM Symposium, Ing. Darkwah will share with those in attendance his invaluable knowledge and experience in public private partnerships in the establishment, operations and maintenance of irrigation schemes, which is one of the main triggers for reviewing the current Irrigation Policy of Ghana.

## MR EMMANUEL CHUKWUEMEKA

PANELLIST

**Sales Manager (Agriculture), Dizengoff Nigeria**



Mr Chukwuemeke brings to the panel discussion on improving governance structures of IWRM in Africa his in-depth experience from 14 years as a Sales Manager (Agriculture & Irrigation) and Senior Agronomist overseeing the sales and marketing of agrochemicals and farm machineries. His technical knowledge includes

installations of drip irrigation systems, sprinklers and centre pivot irrigation systems, from the initiating, planning to closing stages of the business across the country and beyond. Mr Chukwuemeke is also a Certified Master Trainer with CropLife Africa & Middle East on Crop Protections and Production.