



Network
Member of



EXPERT WORKSHOP ON

“SUSTAINABLE USE OF WATER RESOURCES”

July 3rd – 8th, 2016

Kisumu Hotel; Maseno University
Kisumu - Kenya



Funded by



Federal Ministry
for Economic Cooperation
and Development



DAAD

Overview

According to the Sustainable Development Goals (SDGs), water is the limiting agent in sustainable development and is critical to all socio-economic aspects of human welfare, including security, energy, food, and health. It is central to the production and preservation and a host of benefits and services for people and can play a key enabling role in strengthening the resilience of social, economic and environmental systems in the light of rapid and unpredictable changes. However, water can also pose serious challenges to sustainable development if not managed efficiently and equitably.

Several water related workshops and meetings have been held all over the world, however the proposed one will be the first experts' workshop to integrate social-economic scientists, practical sciences, engineering, and policy makers in water research in Sub-Saharan Africa region. In addition, the theme of the workshop "**Sustainable Use of Water Resources**" addresses the challenges outlined in the Kenyan Vision 2030 programs. Additionally, Africa's rising population is driving demand for water and accelerating the degradation of water resources in many countries on the continent. Recent research has projected that almost all countries in Africa would face either absolute or economic water scarcity by 2025.

Objectives

The workshop's main objective is to share experiences, knowledge, and research results among the water management experts and to discuss main problems and challenges in the field of water management in Sub Saharan Africa Region. It aims to:

- Increase understanding of the interrelationship between Sustainable Development Goals and the Integrated Water Resources Management (IWRM).
- Identify the current trends in water management practices and their shortcomings.
- Establish a Sub-Saharan Africa network of water experts.
- Identify areas of future research useful for SSA region.
- Identify potential funding agencies and their conditions for awarding grants.

Topics

Discussions are expected in the fields of climate change, integrated water management, modeling methods, sanitary engineering, urban water supply, biodiversity, micro and macro pollutants, floods and droughts control, sewer treatments and protection of inland and coastal waters to share their research and academic experiences

Workshop Organization

The workshop will take place at Kisumu Hotel, Maseno University in Kenya. The workshop is organized within the framework of Exceed-Swindon project at Technical University of Braunschweig in Germany that is funded by the German Academic Exchange Service (DAAD) and the Federal Ministry for Economic Cooperation and Development (BMZ). The workshop will be held during the week of 3rd – 8th July 2016.

SCHEDULE

Day	Date	Time	Activity
Sunday	3 July		ARRIVAL
Monday	4 July	09:00 – 09:30	Opening ceremony
		09:30 – 17:00	Lectures Oral presentation of participants
Tuesday	5 July	08:30 – 12:00	Lectures Oral presentation of participants
		13:30 – 17:00	Working groups
Wednesday	6 July	08:30 – 12:00	Lectures Oral presentation of participants
		13:30 – 17:00	Working groups
Thursday	7 July	08:30 – 12:00	Excursion
Friday	8 July		DEPARTURE

Target Audience:

The participants expected are preferably expert, post-docs and practitioners within the field of **Use of Water Resources**.

Number of participants:

The number of participants is limited to 30. Candidates from the Exceed-SWINDON SSA partner universities are to be given first priority. Practitioners, decision-makers and trainers intending to transfer the acquired knowledge and skills will also be considered. Selected candidates shall be inspired to submit contributions for oral presentations in their specific fields. Selected candidates shall be encouraged to share their expertise.

Application:

Please apply online at <http://ssa.exceed-swindon.org/apply-for-a-workshop/>. Submit your CV, motivation and an abstract (one page) regarding your research experience and other necessary documents. The deadline for application is the 15th of April 2016.

The workshop is being organised by the following:

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|---------------------|----------------------------|------------------------------|
| 1. Prof. D. Onyango | - Department of zoology : | dvdonyango7@gmail.com |
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