



Technische  
Universität  
Braunschweig



EXCELLENCE CENTER FOR  
DEVELOPMENT COOPERATION  
SUSTAINABLE WATER MANAGEMENT

Regional Expert Workshop:

## IMPLEMENTATION OF SUSTAINABLE WATER MANAGEMENT CURRICULUM AT UNIVERSITY LEVEL IN AFRICA

May 26<sup>th</sup> – June 1<sup>st</sup>, 2014 / Ouagadougou, Burkina Faso



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## Overview

Nowadays, water resources management poses an increasingly great challenge for practitioners as well as for policy makers at regional, national and local levels. These challenges include problems such as too much water or too little water, water and wastewater management including, transportation, purification and distribution of clean water, social and cultural aspect associated with water in specific area... Management of available water resources is critical in developing countries; therefore, it is crucial in developing countries to establish a critical mass of expertise with both theoretical and applied skills necessary to make significant contribution to water management. This knowledge transfer require from lecturers and teachers both in High school but mainly at university level, strong knowledge in Sustainable Water Management (SWM) area, but also some methodologies to deliver their lectures. Since 2009, the Excellence through dialogue – Sustainable Water Management in Developing Countries project, has developed MODEL MASTER CURRICULUM ON SUSTAINABLE WATER MANAGEMENT. This model includes the following 4 main categories:

1. Water Science & Engineering
2. Biological Aspects of Water, Health & Nutrition
3. Chemical Aspects of Water, Environment & Anthropogenic Aspects
4. Water Management, Social, Political & Legal Aspects

## Objective of the Expert Workshop

Hence, this Regional Expert Workshop intends to bring together lecturers from academic institutions all other the Sub Saharan Africa region, in order to strengthen their capacity on how to implement adequate Sustainable Water Management curriculum at University level in Africa.

## Methodology

The expert regional workshop consists of an introductory session with key note lectures for each of the four main categories as defined in the exceed MODEL MASTER CURRICULUM (1. Water Science & Engineering; 2. Biological Aspects of Water, Health & Nutrition; 3. Chemical Aspects of Water, Environment & Anthropogenic Aspects; 4. Water Management, Social, Political & Legal Aspects), three main lecture parts on specific topic in the area of SWM, an interactive teamwork and one visit to International Institute of water and environment engineering (2iE) located next to the capital city of Burkina Faso.

**Participants are selected between applicants who submit a summary for oral presentations in the specific field of SWM.**

The entire regional expert workshop spans over one week from the arrival on Monday, 26<sup>th</sup> of May 2014 until the departure on June, 1<sup>st</sup> 2014.

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## SCHEDULE

Date	Time	Events
<b>Monday 26/05/2014</b>	Whole day	Arrival of participants
<b>Tuesday 27/05/2014</b>	8.30 am – 5.00 pm	Introductory Session  Key note lectures, Main lectures, Interactive teamwork in the category of Water Science & Engineering
<b>Wednesday 28/05/2014</b>	8.30 am – 5.00 pm	Key note lectures, Main lectures, Interactive teamwork in the category of Biological Aspects of Water, Health & Nutrition
<b>Thursday 29/05/2014</b>	8.30 am – 5.00 pm	Key note lectures, Main lectures, Interactive teamwork in the category of Chemical Aspects of Water, Environment & Anthropogenic Aspects
<b>Friday 30/05/2014</b>	8.30 am – 5.00 pm	Key note lectures, Main lectures, Interactive teamwork in the category of Water Management, Social, Political & Legal Aspects
<b>Saturday 31/05/2014</b>	8.30 am – 5.00 pm	Visit to 2iE
Sunday 01/06/2014	Whole day	Departure of participants

### Target Audience:

The participants expected would be lecturers and scientists from academic institutions dealing with sustainable water resources management topics in their curriculum.

### Number of participants:

The number of participants will be limited to 20. The EXCEED SSA members will be given first priority. DAAD-EXCEED will cover the following costs: flight, accommodation.

### Application:

The applicants should send a summary of their oral presentation, of max 400 words. Please apply online until **March, 21, 2014**

<http://www.exceed.tu-braunschweig.de/apply/>

### Venue

The workshop will be held at: Ouagadougou, Burkina Faso

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