## Title

**E-Learning for Integrated Watershed Management in East Africa**

## Institution

United Nations University Vice Rectorate in Europe (UNU-ViE)

## eLearning activity / project / programme

EU-Project “Capacity Building for Integrated Watershed Management in Eastern Africa - IWMNET

## Short Description

- Introducing eLearning into the teaching and learning practices in 4 East African universities in the area of Watershed Management Education
- Develop online modules for an International Master Course in Integrated Watershed Management in a blended learning format

## Target Group

East African Universities

## Goals

- Providing access to education and enriching existing educational opportunities
- Strengthen capacity on the institutional and individual levels
- Facilitating the take up of e-learning as a cultural and organisational innovation
- Build a team of e-competent key university educators (multipliers)

## Methodology/ Approach

- Participative approach
- 6 workshops in the course of 3 years to build the capacities of a core e-learning experts team, develop a common knowledge base, set up regional networks of expertise, and develop and deploy own tailor made e-learning solutions in the participating universities
## Main strengths

- Team is drawn from an existing network of universities already collaborating on Integrated Watershed Management
- Using web 2.0 tools for the development team to create the e-content
- Multiplying effect

## Main challenges

- ICT infrastructure
- Faculty: Inducing the necessary change in the education paradigm at the university
- Management: organizational change in order to integrate e-learning practices at the university

## Partners

- University of Duisburg-Essen, Germany
- Siegen University, Germany
- Makarere University, Uganda
- Dar es Salaam University, Tanzania
- Addis Ababa University, Ethiopia
- Kenyatta University, Kenya
Welcome to the e-IWM WIKI!

The WIKI for Integrated Watershed Management and E-Learning!

"We are beginning to get somewhere. What we need is real practise. We shall make it friends"

— We are thinking about restructuring the WIKI in order to have a better overview of partners, logos, content and so on —

In this WIKI we are collecting information on E-Learning and Integrated Watershed Management.

What is Integrated Watershed Management? A definition can be found here!

Where does the project come from? Please, visit "Capacity Building for Integrated Watershed Management in Eastern Africa (WHIRF)".

We are a group of scientists from East Africa working in the field of Integrated Watershed Management. [Get more info on the group] We are happy to work together and like to go to the beach... like here in Dar es Salaam where we had our first workshop!

A tip: You are looking for a page an can not find it anymore? [Here you see all pages!]

Welcome & Rejoice!!

The Workshop and the Materials

- The current project: development plan for the four courses
- E-Learning scenario template
- Quick Links to the four teaching modules:
  - MWM 76: Policy, Law and Institutions in Watershed Management
  - MWM 77: Socio-economic Aspects in Watershed Management
  - MWM 78: Watershed Degradation and Rehabilitation

Illustrations
Future Plans

- develop a roadmap for the next three years
- build a community of east African experts in the field of Integrated Watershed Management and to foster innovative transboundary cooperation

Additional Information

Changing Faces of E-Learning

From Distribution...

Learning Management Systems
Information
Presentation
Materials online

Transmissive Learning
Expansive Learning

Communication
Weblogs
Communities

Collaboration
E-Portfolios
WiKis

...to Collaboration and Reflection