



Training of Trainers in Sustainable Sanitation and Water Management

Linking up Integrated Water Resource Management, Sustainable Sanitation and Agriculture, 26th to 30th of November 2012

Training Course Announcement

The School of Engineering at the Polytechnic of Namibia (PoN) in collaboration with seecon international gmbh, Cap-Net and WaterNet offers a 5-day Training-of-Trainers Course in Sustainable Sanitation and Water Management (SSWM). The course is now open for registration.

Dates

26th to 30th of November 2012

Venue

Hotel School - Polytechnic of Namibia, Beethoven Street - Windhoek West

Target Audience

The training course is designed for:

- The academia,
- Local government units,
- Non-governmental organisations (NGOs) and civil society groups dealing with water management and sanitation issues,
- Engineers and practitioners from the private sector as well as individuals dealing with water and sanitation issues.

An important aspect of the training is the application of the SSWM Toolbox to support own training and teaching initiatives in the field of water management and sanitation. Moreover the training course aims at increasing coordination and networking amongst the various relevant sectors and ministries (e.g. water, health, agriculture, environment) at national level.

Program/Content

The course provides:

- Basic knowledge in Sustainable Sanitation and Water Management.
- Information on SSWM planning and implementation tools and measures.
- Information on how to use the SSWM Toolbox as a learning and teaching support as well as a resource for planning and implementing SSWM measures.

The SSWM Toolbox (<http://www.sswm.info/>) is an online learning and implementation support tool linking up water management and sustainable sanitation, showing how the different activities are interlinked, throughout the project planning and implementation cycle.

This initiative is supported by:



Learning Targets

After the training course participants should be able to:

- Understand and appreciate the underlying philosophy and principles of the SSWM concept and the importance of breaking down the general approach of IWRM to the local level and linking it up with sustainable sanitation and agriculture.
- Understand what the SSWM Toolbox is and how it can be used as a support for students and researcher.
- Use the SSWM Toolbox as a planning, and implementation tool.
- Use the SSWM Toolbox as a teaching and training tool.
- Know the specific tools available within the SSWM Toolbox for trainers and how to use the SSWM
- Apply the skills for organising and facilitating training activities.
- Organise and conduct own trainings.
- Be aware of the development of the Specific Topic Entry Page to the Toolbox for Sub-Saharan Africa. (STEP Africa)
- Be aware of on how challenges in the water sector can be addressed as opportunities for SSWM business development.

Specific Objectives:

- Allow participants to fully understand the importance and the principles of breaking down integrated water resources management to the local level and to bring it in relation with sustainable sanitation and agriculture.
- Allow participants to fully understand the underlying philosophy and principles of the concept of SSWM.
- Introduce planning, process and implementation tools (hardware and software) as the backbone of initiatives in the field of sustainable sanitation and water management.
- Allow the participants to learn how to find specific information regarding planning, process and implementation tools (hardware and software) within the SSWM Toolbox online and offline version.
- Allow participants to learn about the "Training-of-Trainers "Toolbox and adult learning.
- Allow participants to learn how to prepare and facilitate trainings and workshops (including following main areas: pre-training preparations, facilitation, training methods, and post-training methods).
- Develop action plans at the end for the participants' home organisations in order to apply the new learning methods and tools directly in the home organization (e.g. the Polytechnic of Namibia will familiarise the MSc in IWRM students to the Toolbox and its utility).
- Understand regional and thematic aspect of SSWM related to Sub-Saharan Africa.
- Allow participants to assess future challenges in SSWM and to identify business opportunities.

Certification

Participants who have completed all requirements will receive a "Certificate of Participation" issued by the PoN School of Engineering, CapNet, seecon international gmbh and WaterNet.

Facilitators

The training course will be run by experts in the field of Water, Sanitation and Agriculture. These will be drawn from the WaterNet membership, Polytechnic of Namibia and seecon international gmbh with the support of Cap-Net.

This initiative is supported by:



Why SSWM Training Courses?

Though IWRM takes into consideration the entire water cycle from source to sea, and recognizes that the different uses of water are interdependent, it is often looked at on a scale that local actors cannot influence. Moreover, at this overarching scale, wastewater management and sanitation were often not given enough importance. On the other hand, approaches on the local level are often sectoral. They frequently lack the synergies and efficiency of holistic approaches that try to consider the water cycle as a whole. With such a state of affairs, it is difficult to achieve sustainable change in the field of water management and sanitation. Hence, to save and recycle water, regain resources and to protect aquatic ecosystems:

- The whole water cycle needs to be taken into account in an integrated, holistic approach.
- The general approach of IWRM, where water management is seen as a trans-sectoral problem that needs to be tackled in an integrative manner, needs to be transferred down to the local level.
- This approach has to be brought in relation to food security and agriculture, recognising that the management of wastewater and sanitation is inherently linked to the management of nutrient and water cycles.

Skilled people who are able to put innovative solutions into practice and can tackle water management and sanitation issues on the local level in an integrative and systemic manner are fundamental to ensure long-term sustainability in sanitation and water management.

Based on the Sustainable Sanitation and Water Management (SSWM) Toolbox, seecon international gmbh and its partners offer training courses that are designed to specifically tackling these challenges.

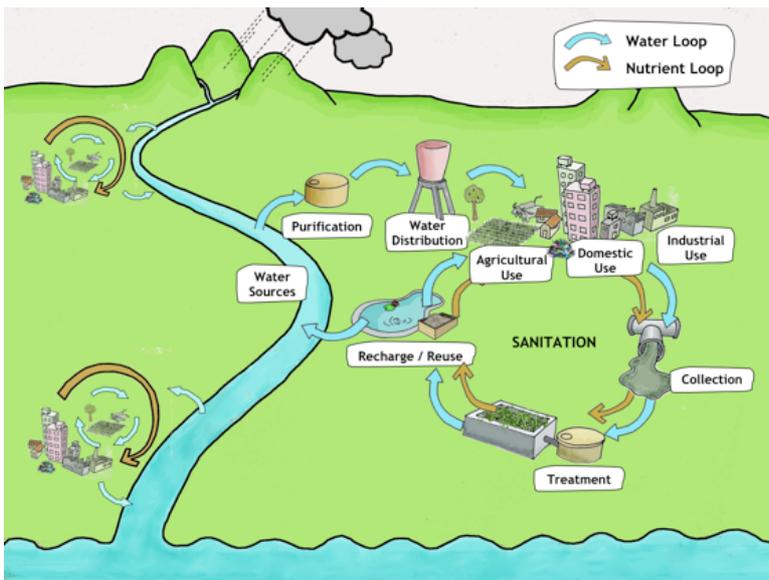


Figure 1: The SSWM Toolbox considers the whole water and nutrient cycle from source to sea and back again and puts a specific focus on the coordination of different water uses and on the sustainable use and reuse of water resources on a local level. Source: seecon international gmbh (2010)

The SSWM Training Approach

SSWM Training Courses follow a participatory, cross-institutional and interdisciplinary approach. While outlining the training programme, great emphasis is laid on participants' interaction: besides face-to-face lectures, group works and case studies, visits to existing projects and role-plays reveal creativity and make participants think in a holistic way. With the different courses offered and the broad scope of target groups, SSWM trainings bring the knowledge on sustainable sanitation and water management to different levels of society: from decision and policy makers to practitioners. This approach is based on the postulation that you can only successfully root a new concept in a given environment if you build capacity at different levels, so that throughout these levels, people "speak the same language" and understand the same approaches.

Contact and Registration

For more information, course registration and further inquiries please contact:

At the Polytechnic of Namibia:

Mr Liberty Moyo

Lecturer
Polytechnic of Namibia (PON)
Civil Engineering Department,
Private Bag 13388, 13 Storch Street
Windhoek, Namibia
Mobile: +264 61 207 25 57
libertiemoyo@yahoo.com
lmoyo@polytechnic.edu.na

Prof. Damas Alfred Mashauri

SADC-WaterNet professional chair of IWRM at PON
and associate Dean School of Engineering
Polytechnic of Namibia (PON)
Civil Engineering Department,
Private Bag 13388, 13 Storch Street
Windhoek, Namibia
Mobile: +264 81 620 42 18
dmashauri@polytechnic.edu.n
damas.mashauri@gmail.com

At seecon:

Dorothee Spuhler

Environmental Engineer
seecon gmbh
Dornacherstrasse 192
CH-4053 Basel, Switzerland
Mobile: +41 79 949 05
53dorothee.spuhler@seecon.ch

At WaterNet:

Rennie Chioreso Munyayi

Programme Officer
WaterNet Secretariat
Harare, Zimbabwe
+263 4 33 67 25 or 33 32 48 / +263-4-336740
Mobile: +263736960352
rchioreso@waternetonline.org