

Managing Pollution

Training course in Colombo Sri Lanka, 2-6 May 2011

Introduction

Pollution is a serious and neglected aspect of water resources management, having multiple health and environmental consequences and effectively reducing water resource availability by making it unfit for use. For example a recent report on the state of wastewater treatment facilities in South Africa showed that the bulk of the plants can be described as poor to non-functional and require more than R100 billion (about US\$13billion) to bring up to standard. <http://www.watersolutions.co.za/2010/04/29/green-drop-report-released/>)

The situation is by no means unique and repeats itself in many countries where a focus on development, a lack of capacity, funds or willingness to apply the regulations results in widespread water quality issues.

Water sector reforms, driven by the desire for more sustainable water resources management and the commitment to the principles of IWRM are resulting in change in many aspects of water management. However pollution, often managed separately from water resources, seems to be slipping by with little attention and only weak linkages to the principles of IWRM and the water resources management system.

The focus on water quality of both the 2010 World Water Day and World Water Week suggests that a change is taking place. Cap-Net, UNEP, UNEP-DHI Centre for Water and Environment and capacity building networks Nile IWRM Net and Cap-Net Lanka have developed this course as part of a collaborative programme addressing pollution management. Water managers and capacity builders working on pollution management are invited to apply.

Purpose and Anticipated Outcomes:

The purpose of the course is to promote management of water pollution in the context of the IWRM approach and to scale up attention given to water quality in water resources management.

1. The course program will strengthen the capacity of participants with a variety of skills and tools for managing water pollution, including integration of

water quality management into surface and ground water management systems.

2. Participants will promote water quality management within their own institutions and within their national water resources institutions / sector.

Pollution management training materials will be used widely in educational and training programmes stimulated by actions of capacity building networks and water partnerships.

Course structure

The training program is based on the draft training manual for Managing Water Quality within an IWRM approach developed by Cap-Net, UNEP and the UNEP/DHI centre. It is designed to be an interactive exercise between facilitators and participants, with a significant portion of the program being allocated to feedback discussions, group work, role play and presentations by participants. Experienced facilitators will be drawn from Cap-Net, UNEP, Nile IWRM-net, Cap-Net Lanka and UNEP/DHI.

The course will be conducted in ENGLISH.



A more detailed course outline is available from the organisers. See contact details below.

Topics:

- Water pollution: issues and concerns.
- Pollution management as part of Integrated Water Resources Management.
- Water and the environment
- Policy, legislative and institutional framework
- Strategic framework for water pollution management
- Water quality management: objectives, guidelines and standards
- Financing pollution management
- Working with stakeholders
- Water pollution licensing

A maximum of 25 participants will be selected from applicants who will be a mix of managers responsible for pollution management systems and capacity builders actively working in the field.

Course Objectives

1. Introduce up to 25 capacity builders from partner networks in the concept and methodologies for the development and application of Water Quality Management in IWRM.
2. Stimulate a scaling up of action on water quality by

encouraging the implementation of similar training activities in other regions.

3. Exchange knowledge and best practices for knowledge transfer and skill development among the participants.
4. Promote a Community of Practice in the field of Pollution Management in IWRM.
5. Finalise the training module with inputs from participants.

Target group

The purpose of the ToT course is to promote water quality management in the context of the IWRM approach. Participants are expected to return to their countries and through their organisation promote improved water quality management by organising training courses or implementing the knowledge gained. To help follow up at country level with further training the target group for the course is therefore:

- Water managers with a responsibility to carry out water quality management, and
- Members of capacity building networks affiliated to Cap-Net

Sponsorship

Funding will be available for a limited number of candidates. Applicants are encouraged to seek for full or partial sponsorship elsewhere as this will improve their chances of attending. Applications should state whether or not they

Application

Applications (CV and attached application form) should be submitted to Nick Tandri nick.tandi@cap-net.org. The subject of the email should contain the words **pollution course**.

Applicants should indicate below how they plan to use the training received and selection will be made on the basis of

- the curriculum vitae;
- the description of how the applicant and her/his organization plan to use the capacity gained as a result of this training; and
- a consideration of the gender and regional balance

Application deadline 11 April