

Training of Trainers (ToT) In Integrated Water Resources Management (IWRM)

Background

Drawing from the experience of the global Training of Trainer(s) in Integrated Water Resource Management (IWRM) held at Neuchatel, Switzerland from 23-28 June 2003, SaciWATERs, as a regional network partner of Cap-Net in South Asia, conducted a similar training programme at a regional level. The aim of the ToT was to revise curriculum of the water education for postgraduate course on IWRM. These two training programmes were strengthened by the Crossing Boundaries Project (CB), a regional capacity building project on IWRM, Gender and Water, implemented through SaciWATERs. The CB Project provided fellowships, staff trainings and research support to establish/strengthen IWRM postgraduate programme in four universities in four South Asian countries. After five years of CB support, these four institutions have developed capabilities to serve as IWRM knowledge hubs in their own countries. The ToT in IWRM was organized by SaciWATERs and Cap-Net in Kandy, Sri Lanka from 15-26 September 2010

The objectives of the ToT were to a) disseminate knowledge on IWRM to academics of higher educational institutions in South Asia b) Review and reformulate IWRM curriculum c) Develop a training manual on IWRM in South Asia d) Expand the IWRM capacity building network in South Asia. The purpose of the training was to critically analyze the IWRM principles. Through the lecture/case studies/discussions, the theoretical, practical and policy challenges of IWRM were highlighted.

Coordinators

- Prof. Nimal Gunawardena, Department of Agricultural Engineering, University of Peradeniya, Kandy, Sri Lanka. (nimalgun@pdn.ac.lk)
- Dr. N.C.Narayanan, Associate Professor, Centre for Technological Alternatives for Rural Areas (CTARA), Indian Institute of Technology (IIT-Bombay), Mumbai, India. (ncnarayanan@gmail.com)
- Dr. Dibya Ratna Kansakar, Former Director, SaciWATERs, Hyderabad, India. (dib.kansakar@gmail.com)
- Dr. Jayati Chourey, Senior Fellow, SaciWATERs, Hyderabad, India. (jayati@saciwaters.org)

Modules Covered and Resource Persons

Module 1: Introduction to IWRM

- Curriculum Development Process by Prof. Deepthi Bandara, Faculty of Agriculture, University of Peradeniya, Kandy, Sri Lanka. (deepthib@pdn.ac.lk)
- Critical Analysis of IWRM by Dr. N.C. Narayanan, Associate Professor, CTARA, IIT-Bombay, Mumbai, India. (ncnarayanan@gmail.com)

Module 2: Gender in IWRM

- IWRM and Social Inclusion and Equity and Gender Equity by Ms. Seema Kulkarni, Fellow, Society for Promoting Participative Ecosystem Management (SOPPECOM), Pune, India. (seemakulkarni2@gmail.com)

Module 3: Water and Equity

- Equitable Water Distribution-Concepts and Cases by Mr. K. J Joy, Senior Fellow, Society for Promoting Participative Ecosystem Management, Pune, India. (joykjjoy@gmail.com)

Module 4: Economic and Financial Aspects of IWRM

- IWRM and Economics by Prof. Hemasiri Kotagama, Sultan Qaboos University, Muscat, Oman. (hemkot@squ.edu.om)

Module 5: Water and Ecosystems

- Concept of Ecosystem and its Components and Ecosystem Services and Environmental Flows by Prof. Brij Gopal, Vice President, National Institute of Ecology, Jaipur, India (Ex-Professor, School of Environmental Sciences Jawaharlal Nehru University, New Delhi, India. (brij44@gmail.com)
- Relevance of Ecosystems in Integrated Water Resources Management and Incorporating Ecosystem Perspective in River Basin Planning and Importance of Wetland Ecosystems by Prof. E. J. James, Director, Water Institute, Karunya University, Coimbatore, India. (ejjames1234@gmail.com)

Module 6: Water Supply, Sanitation and Health

- Water, Sanitation, Hygiene and Health by Dr. Anjal Prakash, Senior Fellow, SaciWATERS, Hyderabad, India. (anjal@saciwaters.org)

Module 7: Sewage and Waste Water Management

- Sewerage and Wastewater Management by Dr Priyani Amarasinghe, Researcher - Bio-Medical Science, International Water Management Institute, Hyderabad, India. (P.Amerasinghe@cgiar.org)

Module 8: River Basin Planning and Management

- River Basin Planning and Management by Prof. Nimal Gunawardena, Department. of Agricultural Engineering, Faculty of Agriculture, University of Peradeniya, Kandy, Sri Lanka. (nimalgun@pdn.ac.lk)
- River Basin Planning and Management by Prof. N. K. Ambujam, Director, Centre for Water Resources, Anna University, Chennai, India. (nkambuj@annauniv.edu)

Module 9: Water Rights and Laws

- Water Laws and Water Rights and International Water Laws: An Introduction to Key Documents and Principles by Prof. M.K.Ramesh, Professor of Law, National Law School of India University, Bangalore, India. (mkramesh13@gmail.com)

Module 10: Water Policy, Regulations and Governance

- Water Policy and Regulation by Mr. Sachin Warghade, Prayas, Pune, India. (sachinwarghade@gmail.com)