

National Level Orientation programme

On

Climate Change Impacts in Water, Sanitation & Health Sector

26 -27 June, 2013

for

Practitioners Working in Water, Sanitation, and Health Sector

Sponsored by



सत्यमेव जयते

MINISTRY OF DRINKING WATER & SANITATION
RAJIV GANDHI NATIONAL DRINKING WATER MISSION

**Ministry of Drinking Water and Sanitation
Government of India**

Organized by

National Key Resource Centre (Water & Sanitation)

&

Centre for Climate Change and Environment

National Institute of Administrative Research

LalBahadurShastri National Academy of Administration

Mussoorie-248179

Overview:

Climate change is a phenomenon containing both environmental as well as health dimensions. Water is considered to be the primary medium through which early climate change impacts will be felt by people, ecosystems and economies. Safe and reliable access to clean water and sanitation is crucial for good health. With changing patterns of disease, water and food insecurity, dense human settlements, extreme climatic events, population growth and increasing migration, challenges faced by the Water, Sanitation and Hygiene (WASH) Sector have multiplied. Besides, climate change related impacts like melting glaciers, extreme floods and droughts can affect water availability and water quality.

India is considered particularly vulnerable to climate change due to its geographical position and a large rural population having limited or no access to safe drinking water and sanitation. With large sections of the population migrating to cities and urban areas and given weak basic infrastructure- like drainage, sewage disposal, sanitation etc., water contamination and water borne diseases are increasing. The related vulnerabilities can be attributed to factors like Systems, Agents and Institutions and therefore resilience actions are needed around these factors. It is thus crucial to equip Government officers working in the WASH sector with the necessary knowledge and skills to meet the above challenges arising out of climate change.

In view of the above, a National level training workshop will be held on 26-27 June, 2013 at the National Institute of Administrative Research (NIAR), Lal Bahadur Shastri National Academy of Administration, Mussoorie. The Training Workshop will aim to sensitise Government officers working in WASH sector on impacts and vulnerability arising out of climate change by providing best practices and case studies on adaptation and mitigation options.

Methodology:

The Workshop will have resource persons from research institutions and international organisations working in the field of Climate Change and WASH. The training methodology will include lectures, case studies and group exercises.

Objectives:

- To orient the participants to the challenges of climate change in the WASH sector;
- To expose them to best practices and approaches for successful adaptation to Climate Change in the WASH sector;
- To understand from the field practitioners the grassroot challenges they face in the WASH sector due to climate change;
- To explore opportunities for strengthening the existing mechanisms at the technological, policy, institutional, social/community levels; and
- To undertake capacity building of practitioners in the WASH sector to meet the challenges arising due to climate change.

Tentative Agenda:

Day 1 (26 June 2013)

Session 1: Introduction to Climate Change and its Impacts on WASH

- Understanding Climate Change – Shri Srinivasan Iyer, UNDP
- Impacts of Climate change on Water – Dr. R.D. Singh
- Impacts of Climate Change on Health – Dr. R.C. Dhiman
- Impacts of Climate Change on Sanitation – Dr. Anjal Prakash

Session 2: Planning in WASH Projects and Programmes and Mainstreaming Climate Change Adaptation

Session 3: Community based Climate Change Adaptation with a Short Documentary on “Tales of Gorakhpur” By Gorakhpur Environmental Action Group- Dr. Shiraz Wajih

Session 4: Climate Change Screening and Proofing of WASH Projects and Programmes

Topics/cases: Rural Water Supply, Urban Water Supply, Sanitation, Technologies

Day 2 (27 June 2013)

Session 5: Integrated Water Resources Management and WASH by IRC

Topics/cases: Community-based Water Resources Monitoring and Management, Flooding (prevention and warning)

Session 6: Case Studies of CCA in two Situations (floods/water logging and droughts) and Best Practices on Adaptation by Prasad Babu, UNDP

Session 7: Group Exercise & Discussions

Developing your Climate Resilience Action Plan

Session 8: Climate Change and WASH Sector: Capacity Issues (Group Discussion)

- Technical Issues and Awareness among Officials on Climate Change and WASH sector
- Institutional and Financial and Policy Issues in Capacity Building of Officers Working in WASH Sector on Climate Change Issues

Expected Outcomes:

- Key policy makers and water resource managers will be sensitized on Issues of Climate Change in the WASH sector;
- About 100 Government Officers/Practitioners in the WASH sector will be trained on Impacts, Vulnerability and Adaptation measures to Climate Change;
- Learning from Peers and Practitioners in developing better Capacity Building in Climate Change and WASH sectors.
- The Workshop proceedings will be published and circulated among practitioners working in the WASH sector

Resource Persons:

The resource persons will be practitioners and experts working in Climate Change and WASH sectors from premier Indian Institutions and international organisations like UNDP, IRC, etc.

About the National Institute of Administration Research:

The National Institute of Administration Research (NIAR), established in 1994, was conceived as the research wing of LBSNAA. Its mandate is to carry out research activities on major national policies and programmes with a view to disseminate knowledge and provide actionable policy inputs to the concerned Ministries in the Government of India. The Institute's vision is "To become the country's leading think tank on Governance".

The National Key Resource Centre (Water and Sanitation): Drinking water supply and sanitation have not been given the priority they deserve, particularly their linkage to a healthy and disease free population. While both the State and Central Governments have invested large sums of money in providing safe water supply and sanitation systems, the results have been far below expectations. In this perspective, Government of India, Ministry of Drinking Water and Sanitation (MoDWS) has identified the National Institute of Administration Research, Lal Bahadur Shastri National Academy of Administration, Mussoorie as a National key Resource Centre (KRC). The KRC at NIAR aims to apprise the senior management personnel and key policy makers working in this sector with the latest developments in the field and to equip them with knowledge to enable them to make more effective interventions.

Centre for Climate Change and Environment (CCC&E) was established at NIAR with the objective of enhancing capacity of Civil Service and Government officers on Climate Change and Environmental issues.

Organizing Committee

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