



Institute for Capacity Development (ICD)

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Integrated Water Resources Management (IWRM)

Course Objectives

On completion of the course, participants should be able to:

- Identify the fundamental links between community development and effective water resources management
- Design community based participatory strategies in water resources management
- Come up with IWRM strategic plan
- Design IWRM based data base
- Adopt better reforms in water management.
- Select and design indicators to measure progress with IWRM
- Empower communities to decide on their level of access to safe water and hygienic living conditions.
- Manage water use so as to conserve quantity and quality of freshwater and terrestrial ecosystems

Target Groups

- Educators
- Community leaders
- Water and sanitation Officers
- People involved in community watershed issues,
- Leaders of community opinion,
- Non water professionals such as lawyers,
- Planning department directors,
- People interested in water issues.

Course Outline

- General management principles, skills and practises
- Surface Water and Groundwater sources
- Setting National Goals and Policies for Water Use, Protection and Conservation
- Key Issues in Water Management
- Water Management Principles
- Basic Functions for Water Resources Management
- The domestic water cycle and IWRM
- Fundamental principles of community management of water resources
- Need for community water resources management
- Technical, social, economic, legal, institutional and environmental aspects of community water management
- Ambient water quality
- Ecosystem and human health.
- Wastewater
- The urban water cycle
- Why IWRM is important for WATSAN

- Governance and Community-Based Approaches and arrangements of IWRM
- WATSAN as an entry point to increased participation
- Rights-based approaches and WATSAN
- Public education and community involvement.
- Tailoring IWRM to meeting capacities and contexts
- Efficiency in Water Use – Managing Demand and Supply
- Resources, infrastructure, demand and entitlements (RIDe)
- Organizational Infrastructure and Management
- Building and maintaining water management infrastructure
- Water audits
- Moving forward - IWRM as a process
- Action planning: IWRM strategies and plans
- Allocation and Water Use Limits
- Encouraging a Water-Oriented Society
- Managing Disputes and Ensuring Sharing of Water
- Legal and Regulatory Framework
- Water Permits
- Planning for Pollution Control
- Monitoring of Water Resources, Use, Pollution and Quality
- Information Management Process, Tools and Outputs
- Action Planning

Dates: 14th – 25th May 2018

Duration: 2 Weeks

Course Costs: US\$2850/delegate

Venue: Windhoek, Namibia