



# Institute for Capacity Development (ICD)

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## **Climate Change and Risk Management**

### ***Course Objectives***

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

- Share and learn knowledge about climate change adaption.
- Promote the concept on climate change adaption planning in the context of sustainable development.
- Understand climate change-related threats and ways in which these can be managed and mitigated.
- Understand the danger posed by climate change and its implications that call for action.
- Spearhead discussions on adaptation strategies to climate change in Africa.
- Share experiences on climate change, environment and development and the politics of global climate change.
- Gain more confidence in undertaking risk assessments, developing policy and determining planning applications in relation to climate change adaptation

### ***Target Groups***

- Development Planners
- Health Practitioners
- Disaster Management Officers
- Environmental Technicians
- Environmental and Climate Change Adaptation Consultants
- Planners and Policy Makers

### ***Course Outline***

- General Management Principles and Skills
- Understanding Climate Change
- The Greenhouse Effect and Global Warming
- The Natural Carbon Cycle
- Climate Hazards and Risk
- Pollution and Environmental Damage

- Impact of Climate Change to Selected Sectors - Agriculture, Water and Energy Sectors
- Concept of Sustainable Development
- Climate Change Impact on Sustainable Development in Africa
- Contributors to Vulnerability to Climate Change
- Risk and Vulnerability Assessments
- Stakeholder Analysis and Participation
- International Response to Climate Change – UNFCCC
- Collaboration and Mobilising Adaptation Financing
- Mitigation and Adaptation Practices
- Concept of climate change, risk, vulnerability and adaptation
- Risk and vulnerability assessment for climate change adaptation planning
- Evaluating climate risk in community context
- Integrated approach in vulnerability assessment
- Analyzing future climate projection data for change and variability
- Using climate scenario data for risk assessment
- Planning climate change adaptation
- Dynamic of social and economic condition
- Screening adaptation options
- Communicating climate risk
- Politics and legal aspect of climate change adaptation
- Monitoring, evaluation and learning for adaptation
- Clean Development Mechanism (CDM)
- Integrating Climate Change into National Plans and Budgets
- Strategic Environmental Assessment Of National Policies And Programmes
- Climate Change Policy Instruments: Standards, Taxes, Cap and Trade, Life Cycle Based Policies
- Direct regulation and incentives
- Market based policies
- Emerging markets for carbon credits
- International regimes and climate change
- Mainstreaming Adaptation into Policies, Strategies
- Action Planning

Dates: 16<sup>th</sup> – 27<sup>th</sup> January 2023

Duration: 2 Weeks

Course Costs: US\$2850/delegate

Venue: Kigali, Rwanda