



# Institute for Capacity Development (ICD)

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## Environmental Impact Assessment for Sustainable Development

### Objectives

At the end of the programme, participants should be able to:

- Appreciate the purpose and role of EIA in the decision-making process;
- Plan formal environmental impact assessment along given guidelines
- Understand the strengths of EIA in regard to environmental management;
- Know the options for estimating environmental and social impacts
- Know the format of an EIA report
- Understand the technical and social/political limitations of EIA;
- Describe and apply the role and scope of social impact assessment (SIA) in relation to the EIA
- Apply principles, procedures and methods that are used to assess and mitigate social impacts.
- Recommend ways to Safeguard valued resources, natural areas and ecosystem components
- Identify appropriate measures for mitigating the potential impacts of the proposal
- Understand the participatory elements of the SIA process and the relationship between SIA and public involvement.

### Target audience:

- Planners;
- Government agency personnel;
- Environmental consultants,
- Development workers for domestic and international donor organizations,
- Extension and community development workers;

### Programme content

- Scoping and the initial identification of social impacts
- Principles of environmental assessment and management
- Fundamental principles and basic methods of environmental impact assessment
- Examining the theory and practice of the core stages of environmental assessment
- Scope, purpose and aims of EIA

- Land use planning and the EIA
- EIA and sustainable development
- Functional stages of the EIA system
- Experiences in the management of EIA systems
- Data information and analysis systems for environmental variables
- EIA administration and practice
- The costs and benefits of undertaking EIA
- Understanding of the strengths and limitations of EIA.
- Contents of the strategic environmental assessment
- Methodological guidelines for the study implementation
- Environmental impact assessment methodologies
- Specific methods for some environmental variables
- Follow-up and control program
- Participation in the EIA process
- Formal and informal participation
- Participation techniques
- Resolution of conflicts in the environmental impact assessment
- Ecosystem degradation and management
- Methods for assessing the magnitude and significance of impacts.
- Procedures of environmental impact assessment
- Methods of environmental assessment and management
- Environmental management tools
- Environmental performance evaluation
- Action planning

Dates: 06<sup>th</sup> – 17<sup>th</sup> February 2023

Duration: 2 weeks

Course Costs: US\$2850

Venue: Pretoria, RSA