

# DIA INTEGRATION WITH EIA

## National Training Workshop

18-20 December 2018 New Delhi

(Revised Date)

Organized by the

National Institute of Disaster Management (NIDM), New Delhi

In Collaboration with the

Ministry of Environment, Forests & Climate Change

### INTRODUCTION

Environment, disasters and development are inextricably linked and, hence, the paradigm shift in disaster management from 'response and relief' to 'mitigation and resilience' centric approach aims at harnessing this understanding in efficient and prudent ways. This calls for identifying, developing and/or customizing suitable tools existing or proposed, for applications, viz. assessment, planning, appraisal, auditing, evaluation etc.

Environmental Policy Instruments (EPIs) comprise the set of well developed, practiced and tested tools /methods that offer significant potential for their application in disaster risk management. This becomes pertinent while the discussion / proposals of an anticipatory tool like EIA with the proposed title 'DIA (Disaster Impact Assessment) kept in abeyance with objection of being additional burden of excess of clearance / appraisal process already being faced by the developers or entrepreneurs. EPIs include the tools like EIA, SEA (EIA of policies and programmes), HIA (Health Impact Assessment), ERA (Ecological Risk Analysis), Eco-Audit/Environmental Audit, LCA (Life Cycle Analysis), Risk Analysis (PRA or QRA), Damage and Loss Analysis (DALA), Environmental law and Environmental economics including CBA).

***EIA is an anticipatory mechanism of assigning quantitative values to the parameters indicating the quality of environment before, during and after a major project (or policy/programme) to enable appropriate measured to ecological compatibility and economic efficiency in decision making regarding the project (or policy/programme). In the same line the DIA is proposed as an integral component of EIA process as anticipatory mechanism to identify, assess and evaluate the impact of a major project (or policy/programme) on the level of (extent, severity & frequency) or hazards and levels of vulnerability (physical, environmental, socio-economic and systemic). The environmental clearance process includes major aspects, viz. air, noise, water, land, biodiversity/ecology and socio-economic/quality of life). Purpose is to ensure disaster risk/vulnerability aspects are accounted throughout the entire process of project appraisal process.***

Potential for using the EIA/SEA process as a vehicle for mainstreaming Disaster Risk Reduction into developmental process and related decisions/clearance process is, therefore, a critical point of discussion and actions at prominent policy-planning tables

of disaster management over the past more than 10 years. However, evolving and testing a practical mode of integration of disaster risk and vulnerability related issues and assessments into the EIA process are still awaited. Gupta and Nair (2012, 2013) have already attempted techno-strategic efforts in this direction. While implementing Sendai Framework in consonance with Climate Actions and SDGs, the integration of disaster resilience issues into EIA and, therefore, into environmental / project appraisal process is important.

EIA is well established and well tested tool of environmental appraisal process, with clear methodologies, and scheme of professional actions under various stages of EIA. Financial institutions like the World Bank, ADB, etc. have their own set of guidelines for EIA and project appraisal. In India the Government in the Ministry of Environment Forests and Climate Change have developed and issued, besides EIA notification under EPA, the sectoral EIA guidelines. This offers direct nexus with the Prime Minister's Agenda 10 on DRM (Agenda 1 – imbibe the principles of disaster risk management in all the sectors of development).

### **THE TRAINING WORKSHOP**

The first ever programme on DIA (Disaster Impact Assessment) into EIA process/tools is a noble attempt with innovations and ambitions of detailed deliberations, case studies, illustrations, methodological discussions and coming out with solid recommendations for integration of DIA process into EIAs, with example of certain specific sectors (to begin with). Objectives of the training workshop, therefore, includes the following:

- (a) Clarity on the objective, process and approach to DIA (as anticipatory process like EIA),
- (b) Analysis and case study discussions for DIA integration into EIA - opportunities, scoping and process framework for select sectors,
- (c) Developing recommendations for policy planning and legislative measures for DIA integrated EIA process and infusion of resilience centric planning and decisions into environmental / project appraisal process, and
- (d) Review and analysis of various sectoral developmental projects /major activities for DIA integration with EIA.

### **TARGET PARTICIPANTS**

Workshop/training would be attended by a range of experts and stakeholders, as following:

- (a) Experts / resource persons (on invitation only) on specific aspects of EIA / Disaster Management,
- (b) Nominated officials of Central Ministries – dealing with major developmental projects including infrastructure and enterpreneurships and major public decisions, SDGs, climate actions, project management – appraisal/EIA or related process,
- (c) Nominated officials (Senor level) of State / UT Governments - dealing with (i) disaster management – mainstreaming process and DM planning process, and (ii) EIA/environmental policies/laws, environmental clearance, etc. under the State/UT departments like Urban development, Industries, Rural development,

Housing, Highways/Road, Irrigation, Environment, Forests, Planning/ Land-use, Power, Agriculture, Water Resources, PWD, etc.

- (d) Faculty Members/Scientists/Professionals in the State ATIs, State Forest Institutes, WALMI, Environment related Institutes, Universities/Colleges, Research Institutes, IIM/IITs/NITs/etc. (Government/ Semi-Government, Government owned Autonomous), and
- (e) Members/Officials of State/ UT Disaster Management Authority and Offices of the MOEFCC (Zonal Offices, Attached Offices, Institutes, etc.)

### **FEES OF THE COURSE REGISTRATION**

Course is free for the participants nominated / invited as mentioned in the previous section. There is no course fee. Training course, accommodation and food, would be arranged by NIDM. However, travel cost has to be borne by the participant's organization.

### **NOMINATION/REGISTRATION**

Nominations are invited from the organizations/departments / agencies for participations in the programme latest by **26<sup>th</sup> November** 2018 (on email: [anilg.gov.in@gmail.com](mailto:anilg.gov.in@gmail.com) with cc to [santosh.yogita@gmail.com](mailto:santosh.yogita@gmail.com) ) along with the duly filled in nomination form (suffixed herewith) with filling of the google form using the link below:

[https://docs.google.com/forms/d/e/1FAIpQLSccviS3dWMV\\_XE6vGM\\_YvocofQbqF-Op6kOAGDoHJiNjeE69\\_A/formResponse?pli=1](https://docs.google.com/forms/d/e/1FAIpQLSccviS3dWMV_XE6vGM_YvocofQbqF-Op6kOAGDoHJiNjeE69_A/formResponse?pli=1)

**Please use the Subject Line "DIA Integration into EIA" National Course Participation 2018.**

### **PROGRAMME TEAM:**

#### **Executive Director NIDM**

Shri B H Anil Kumar, IAS  
(ed.nidm@nic.in)

#### Programme Director

**Dr. Anil K Gupta**, Head, Environment & Climate DRM Division and International Cooperation, ([anilg.gov.in@gmail.com](mailto:anilg.gov.in@gmail.com))

Members:

**Ms. Santosh Mishra**, Training Assistant ([santosh.yogita@gmail.com](mailto:santosh.yogita@gmail.com))

Ms. Shruti Bansal , Research Associate (Climate Change \_ NIDM Project)  
([ccdm.nidm@gmail.com](mailto:ccdm.nidm@gmail.com))

Ms. Taniya Gupta, Research Assistant (Climate Change \_ NIDM Project)  
([ccdm.nidm@gmail.com](mailto:ccdm.nidm@gmail.com))

#### **Logistic and Coordination Support**

Mr. Anil Shekhawat, Deputy Commandant (Training)

## **PROGRAMME FORMAT**

### **Day 1:**

#### **Inaugural Session**

NIDM, NDMA, MOEFCC and DM Division MHA

Keynote Address: Dr P K Mishra, Addl Principal Secretary PMO (TBC)

Chair/Inaugural Address: MOS Home Sri Kiren Rijiju (TBC)

#### **Familiarization and Ice-Breaking Session**

- Sectoral Approach to Disaster Risk Management – Risk Analysis, Mitigation, Response and Capacity Building
- Introduction and Discussion
- Environment- disaster-development Nexus – Significance in Sustainability and Change Management
- Issues in Business Continuity and Disaster Risk Management – Anticipatory Approach

#### **Brainstorming Session/ Round-table on Approach to DIA**

- Approach to DIA: Concept and Procedural Framework
- Tools, Techniques, Expertise and Resources for DIA
- Objectives, Scope and Approach of Integrating DIA to EIA process
- SWOT of DIA Integration to EIA/Project Appraisal Process

Selected Experts would be presenting thematic issues/case studies and would lead the discussion.

### **Day -2**

#### **Contextualization of EIA / Environmental Policy Instruments Application in DRM**

- Changing Face and Contexts in Disaster Risk Management: Contexts of Climate, SDGs and Inclusiveness
- Project Appraisal Process and Role of EIA/SEA and other Environmental Policy Instruments in DRM

Sectoral Customization / Scoping Exercise: For example, for –

Airport, Housing Complex, Mining project, Highways, Industrial complex/unit, Port/Harbour, Hydropower, Flyower project, Major Tourism project, STP, Waste Dumping / Landfill project, Railways/Metro line project, Bridge, Dam, etc.

### **Day - 3**

- EIA/ SEA applications in DRR:
- Rapid EIA of Disasters
- PDNA (Environment and NRM Sectors – including Agriculture, Water, Land resources, Biodiversity/ecosystems, related industries and businesses, and their economic valuation)
- Strategic Environmental Assessment (SEA) of Developmental Projects – to address DRR/DRM and CCA.
- Site / example of development project for exercise on understanding, grasping and identifying the impact of development project / project cycle stages on disaster risk (hazard – risk), vulnerability, capacity and need / ways to integrate into the project appraisal process, as anticipatory tool.
- Options/approach to scaling and formalizing the process for treatment throughout the EIA/SEA process.
- Disaster Management Plan for Environment/NRM Sector Projects.

PLEASE WRITE IN CAPITAL LETTERS

**National Institute of Disaster Management**  
(Ministry of Home Affairs, Govt. of India)

Website: [www.nidm.net](http://www.nidm.net), [www.nidm.gov.in](http://www.nidm.gov.in)

**Nomination Form**

**National Programme on "DIA Integration with Environmental Impact Assessment (EIA)"**

Date & Venue: **18-20 December 2018 at NIDM, New Delhi**

Name of Participant: \_\_\_\_\_

Designation: \_\_\_\_\_ Age \_\_\_\_\_

Name & Address of the Organization \_\_\_\_\_

\_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

\_\_\_\_\_

Tel: STD Code: \_\_\_\_\_ Office: \_\_\_\_\_ Residence: \_\_\_\_\_

Mobile: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Blood group \_\_\_\_\_

Academic Background: \_\_\_\_\_

Experience/Roles related with EIA/Environment Policies/Law \_\_\_\_\_

Experience/Roles related with Project Management \_\_\_\_\_

Experience/Roles related with Disaster Risk Management \_\_\_\_\_

**Whether accommodation required: Yes/ No**

**Date:**

**Signature of nominee**

**Signature & Seal of Nominating Authority**

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**PR:** Send filled in form to (anilg.gov.in@gmail.com) copy to [santosh.yogita@gmail.com](mailto:santosh.yogita@gmail.com).

Fax: 011-23438298, 23438288

**Submit through google forms at:**

[https://docs.google.com/forms/d/e/1FAIpQLSccviS3dWMV\\_XE6vGMYvocofQbqF-Op6kOAGDoHJiNjeE69\\_A/formResponse?pli=1](https://docs.google.com/forms/d/e/1FAIpQLSccviS3dWMV_XE6vGMYvocofQbqF-Op6kOAGDoHJiNjeE69_A/formResponse?pli=1)