

Training Programme on Post Disaster Needs Assessment (PDNA)

13–17 July 2026 | NIDM Rohini Campus, Delhi

Background

India is highly vulnerable to a wide range of natural hazards including floods, cyclones, earthquakes, landslides, droughts, heat waves, and other hydro-meteorological events. The increasing frequency and intensity of disasters, coupled with rapid urbanization, climate change, and socio-economic vulnerabilities, have resulted in significant losses to lives, livelihoods, infrastructure, and development gains.

In India, PDNA has been applied in several major disasters and is increasingly being recognized as an important tool for evidence-based recovery planning, resilient reconstruction, and risk-informed development. Effective implementation of PDNA requires trained professionals from multiple sectors who can assess damages and losses, analyze socio-economic impacts, estimate recovery needs, and contribute to the preparation of recovery frameworks. Strengthening capacities of government officials and technical professionals is therefore essential for institutionalizing PDNA processes at national and state levels.

In this context, the National Institute of Disaster Management (NIDM) is organizing a five-day National Training Programme on Post Disaster Needs Assessment (PDNA) to enhance the knowledge and practical skills of officials involved in disaster assessment, recovery planning, and reconstruction. The programme has been designed to familiarize participants with the conceptual foundations, methodology, tools, and practical applications of PDNA. It emphasizes damage and loss assessment, sectoral assessment methodologies, social and economic impact analysis, recovery needs estimation, recovery financing, and preparation of PDNA reports.

The training also seeks to build a cadre of professionals capable of contributing to state and district-level PDNA exercises and supporting resilient recovery planning based on the principles of Build Back Better (BBB).

About NIDM

The **National Institute of Disaster Management (NIDM)** was constituted under an Act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. The efforts in this direction that began with the formation of the National Centre for Disaster Management (NCDM) in 1995 gained impetus with its redesignation as the National Institute of Disaster Management (NIDM) for training and capacity development. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management.

Target Group

The programme is designed for officials and professionals who are likely to play a direct role in post-disaster assessment, recovery planning, and reconstruction processes at the national, state, and district levels. Participants may include officers from State Disaster Management Authorities (SDMAs), District Disaster Management Authorities (DDMAs), and key line departments such as Revenue, Town planning, Public Works & Engineering, Water Supply and Sanitation, Agriculture, Horticulture, Animal Husbandry, Irrigation. Following are the target ministries and departments, Agriculture; Jal Shakti; Fisheries; Animal Husbandry & Dairying; Panchayati Raj; Rural Development; Education.

Course Objectives

- To develop a comprehensive understanding of the concepts, principles, methodology, and institutional framework of Post Disaster Needs Assessment (PDNA) for disaster recovery planning in India.
- To strengthen participants' capacities in conducting damage, loss, and disaster impact assessments using standardized PDNA tools, methodologies, and field assessment techniques.
- To enhance skills in sector-specific assessments, particularly in **Education, water supply and sanitation, and agriculture sectors**, including estimation of recovery and reconstruction needs.
- To build competencies in data collection, analysis, and integration of cross-cutting issues such as gender, social inclusion, environment, climate resilience, and Build Back Better (BBB) principles within PDNA processes.
- To enable participants to prepare evidence-based PDNA reports, recovery frameworks, and financing strategies in accordance with national guidelines and emerging recovery financing mechanisms.

Course Schedule

Learning Unit 1: Foundations of PDNA and Disaster Recovery Assessment

- Concepts, evolution and global frameworks of PDNA
- Damage, loss, impacts and recovery needs: key definitions and distinctions
- Institutional framework for PDNA in India and linkages with SDRF/NDRF mechanisms

Learning Unit 2: PDNA Methodology and Assessment Processes

- PDNA process, assessment cycle and sector coordination mechanisms
- Baseline data requirements, secondary data sources, GIS and remote sensing applications
- Field assessment methodologies, sampling techniques and digital data collection tools
- Integration of cross-cutting themes including gender, disability, environment and climate change

Learning Unit 3: Sectoral Damage and Loss Assessment

- Sector-specific assessment methodologies for **Education, Water Supply & Sanitation, and Agriculture**
- Estimation of direct damages, indirect losses and recovery needs
- Application of sectoral assessment templates and calculation tools
- Group exercises, validation and presentation of assessment results

Learning Unit 4: Impact Assessment, Recovery Needs and Build Back Better

- Social and economic impact assessment approaches within PDNA
- Recovery needs assessment and prioritization of interventions
- Build Back Better principles and resilient reconstruction strategies
- Recovery financing, reconstruction planning and development of recovery frameworks

Learning Unit 5: PDNA Report Preparation and Recovery Framework Development

- Structure, components and quality standards of a PDNA report
- Preparation of sector chapters and consolidation of assessment findings
- Development of recovery and reconstruction frameworks with financing considerations
- Group preparation and presentation of a simulated PDNA report

Mode of Instruction

The primary language of instruction will be **English**. However, resource persons may use Hindi or local languages based on participants' needs.

Transport, Accommodation, and Food

- **No Course Fee:** The training programme is fully sponsored by NIDM.
- **Boarding & Lodging:** Free accommodation and meals will be provided at NIDM during the course.
- **Travel Costs:** Participants/sponsoring organizations must bear to & fro travel expenses, including local transport.
- **Meals:** Tea and working lunch will be provided during the training.

Evaluation

A dedicated session for **feedback and valediction** will be conducted. Participants will fill out an **evaluation form** to assess the effectiveness of the training.

Attendance & Certification

- Attendance **before and after lunch** is mandatory for certification.
- Participants who complete the programme successfully will receive an official **Certificate of Participation** from NIDM.

Training Methods

The training will include a mix of:

- ✓ **Classroom Lectures**
- ✓ **Case Study Discussions**
- ✓ **Group Exercises**

Organizing Team

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