



Training Program

on

POST DISASTER NEEDS ASSESSMENT (PDNA)

For Officials
of

Social Sector (Education, Health, Culture &
Heritage, Housing, Environment)

Date- 20-21 Sep 2024

Venue: GIDM, B/h PDEU, Raysan, Gandhinagar,
Gujarat



Background

Disasters, can strike at any moment, posing significant threats to the safety of office occupants, the continuity of business operations, and the integrity of assets. The nature of disaster risk is changing. This is due to rapid urbanization, increased digitalization, interconnection of economies and decline in biodiversity. We are learning to recognize how risks that we thought we understood are interlinked and influenced by emerging and new threats. These present compound challenges to our familiar approaches to disaster risk reduction (DRR). Risks are more systemic and more complex than ever before, contributing to greater losses, and an increased number of people displaced and lives lost.

Gujarat is highly prone to a wide range of natural and human-induced hazards, including cyclones, floods, earthquakes, droughts and industrial accident which often disrupts the normal life of people and affect the development gain during all these years. As a result, disaster management, is not just a matter of emergency response but also involves proactive measures for risk reduction, preparedness, and resilience building

Disaster disrupts development and the dividends of development get seized. For regaining the growth gaps, created due to disasters, long term recovery becomes the only choice. In the light of understanding the disaster impact on economy Post Disaster Need Assessment is required to be done. Over the last twenty years, the practice of post-disaster recovery has undergone significant transformation. This change is characterized by three features: first, there is much greater focus on multi-sectoral, comprehensive recovery; second, there is much greater focus on “building back better,” not only in physical terms but also in terms of better socio economic conditions; and third, there is much greater focus on recovery outcomes rather than on inputs.

The assessment of disaster effects needs to be conducted in a bottom up approach that involves the estimation of the value of destruction of physical, durable assets and of the value of the disaster-induced disruption of production flows in all affected sectors of economic and social activity, and their subsequent aggregation to ascertain total disaster effects and impacts.

MHA, Government of India has developed PDNA tool to establish a standardized mechanism based on scientific approach for conducting post disaster needs assessment for long term recovery and reconstruction. The newly developed tools are based on the existing damage assessment system in India and an internationally-accepted methodology which has been used worldwide.

Objective

The programme has following objectives:

- Develop understanding on Risk, Hazards, Exposure, Vulnerability and Capacity
- Raise awareness about potential risks to Social Sectors
- Enhance the ability of officials to assess the sectoral damage and losses
- Provide understanding on standard procedure for Post Disaster Needs Assessment
- Encourage participants to undertake PDNA exercise periodically.

Pre-requisite

There are no pre-requisites for this training course, but prior knowledge on basics of Disaster Risk Management may be beneficial.

Expected Learning Outcome

- Participants understand the basics of disaster risk management
- Participants can assess sectoral damage and losses
- Participants can adopt regular practice of PDNA in their respective sector to understand sectoral needs

Targeted Participants

The course is targeted for the officials of the following organizations:

- Samagra Shiksha Abhiyan (SSA)
- Directorate of Archeology & Museums
- Commissionerate of Health
- Forest & Environment Department (PCCF-HoFF)
- Commissionerate of Rural Development
- Commissionerate of Municipalities Administration

Training Pedagogy

The training will be held at Seminar Hall, GIDM, facilitated by Subject Matter Experts (SME). The training will include active learning techniques such as presentations, group discussions, interactive exercises, case studies, simulations, exposure visits and hands on experience which will encourage participants to engage actively with the training content

Further, quizzes, tests and skill demonstration will also be included in the program for monitoring learners' progress, identifying areas for improvement, and reinforcing learning outcomes.

Training Certificate

Certificate of participation will be given to participants who attend all the sessions during the 2-days training program

Tentative Schedule

Day – 1: 20 th Sep 2024			
Time	Session	Session Details/ Objectives	Resource
8.30-10.00	Breakfast		
9.30-10.00	Registration	<ul style="list-style-type: none"> Online registration of participants Training kit distribution Facility briefing Safety briefing 	GIDM
10.00-10.30	Pre-Test & Introduction of Participants	<ul style="list-style-type: none"> 15 Question online Test on DRR Establishment of Ground rules Introduction of participants 	GIDM
10.30-10.45	About GIDM	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> History & Establishment of GIDM Governance mechanism Core areas of GIDM Programs and Achievements 	GIDM
10.45-11.45	Basics of Disaster Risk Management	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> 'Disaster Risk' through Hazards, Exposure, Vulnerability and Capacity components Disasters are NOT natural and need for intervention and planning Disaster Management Cycle Conceptual framework of Disaster Risk Reduction 	GIDM
11.45-12.00	Tea break		
12.00 -13.00	Disaster Risk Governance	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> NDM Act 2005 and GSDM Act 2003 Institutional arrangements for disaster risk management Global frameworks for Disaster Risk Reduction Risk financing mechanism for DRR 	GIDM
13.00-14.00	Lunch break		

14.00-15.30	Overview of Post Disaster Needs Assessment	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Post disaster scenarios • Past post disaster assessment process in Gujarat, India • Evolution of PDNA • PDNA framework • Deliverables and Limitations of PDNA • Disaster impacts & recovery needs • Sectors for assessment • Cross cutting issues • Recovery strategies 	NDMA/NIDM
15.30-15.45	Tea break		
15.45-16.45	Standard Procedure for undertaking PDNA	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Operational activities and protocols for PDNA in Gujarat state • Summary Process of the PDNA methodology • Baseline information • Identification and costing of disaster effects • Impact Analysis • Standard procedures for macro-economic impact assessment • Standard procedures for social impact assessment • Standard procedure for post disaster recovery needs 	NDMA/NIDM
16.45-17.45	Fire Safety Hands on Exercise	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Types of Fire • Procedure to use fire extinguisher • Fire risk assessment • Hands on use of fire extinguisher 	Shri S M Sheikh, GSFA, Gandhinagar
Day -2: 21st Sep 2024			
9.00-10.00	Breakfast		
10.00-11.00	Group Activity-1	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • How damage assessments are carried out • Information collection • How needs are quantified. 	UNICEF/GIDM
11.00-12.00	Group Activity-2 (Sector wise):	At the end of the session participants would be able to understand:	UNICEF/GIDM

	Education, Health, Culture & Heritage, Environment and Housing	<ul style="list-style-type: none"> • Recommended assessment team and sub-sectors • Baseline information and sources • Estimation of damages and losses (disaster effects) • Summarization of damages and losses in the state • Estimation of disaster impacts • Estimation of recovery and reconstruction needs • Prioritization of Needs • Sector Report 	
11.30-11.45	Tea break		
12.00-13.00	Group Activity-2 (Sector wise)	Continued	UNICEF/GIDM
13.00-14.00	LUNCH break		
14.00-15.15	Group Activity-2 (Sector wise)	Continued	UNICEF/GIDM
15.15-15.30	Tea break		
15.30-16.45	Discussion & Evaluation of Group Activity-2 outcomes	At the end of the session participants would be able to understand: <ul style="list-style-type: none"> • Discuss the outcome of the group activity through group presentations • Evaluation of outcomes of each group • Discuss the way forward for PDNA 	UNICEF/GIDM
16.45-17.00	Valedictory Session	<ul style="list-style-type: none"> • Post-test • Feedback • Certificate distribution • Group photo 	GIDM
