



Orientation Programme on Disaster Risk Reduction and Resilience

(FOR JOINT SECRETARIES (NODAL OFFICERS FOR DISASTER MANAGEMENT)
IN ALL MINISTRIES/DEPARTMENTS OF GOVERNMENT OF INDIA)

15 -16 May, 2023

Kalam Hall, Indira Bhawan Campus

Lal Bahadur Shastri National Academy of Administration, Mussoorie



Organised by

Centre for Disaster Management (CDM),
Lal Bahadur Shastri National Academy of Administration, Mussoorie

In collaboration with



National Disaster Management Authority (NDMA),
Government of India, New Delhi

About Lal Bahadur Shastri National Academy of Administration

The Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie is a premier research and training institution on administration and policy for the civil services in India. It is located in Mussoorie, 2000 meters above sea level in the foothills of Himalayas. It is headed by a director (an officer of the level of Secretary to the Government of India) and is an attached office of the Department of Personnel & Training (DoPT), Government of India. The LBSNAA represents an interesting confluence of academic facility and intellectual freedom. It is a place where participants from every state of our diverse country, speaking different languages, with diverse qualifications and socio-educational backgrounds meet, interact and learn from each other.

It conducts a common Foundation Course for entrants to the All-India Services; Indian Foreign Service; Group 'A' services of the Union and the Royal Bhutan Service followed by professional training for the regular recruits of the Indian Administrative Service (IAS) and members of the Royal Bhutan Service. The Academy also conducts in-service and Mid-Career Training Programmes (MCTPs) for members of the IAS and Induction Training Programme for officers promoted to the IAS from State Civil Services. In addition, workshops and seminars on policy and governance-related issues like in Disaster Management, Gender Issues, Sanitation, Quality Management and Urban development are held from time to time.

Centre for Disaster Management (CDM):

Centre for Disaster Management is a research and training centre under the aegis of Lal Bahadur Shastri National Academy of Administration (LBSNAA), Mussoorie, Department of Personnel & Training (DoPT), Government of India. It was established in the year 2003 Ministry of Home Affairs, Government of India, and later registered as autonomous society under Societies Registration Act (Reg.No-199/2007-2008 Dt. 26-05-2007).

The Centre has is involved in training of civil service officers (the IAS and other Group - A civil services) at induction as well as at Mid-Career level in various aspects of disaster

mitigation (policy, planning, programme formulation and implementation), besides undertaking action research projects, documentation of best practices, development of case studies and IEC materials. The Centre for Disaster Management (CDM) in collaboration with National Disaster Management Authority (NDMA), Government of India annually organising a series of customised training programmes for IAS Officers under the NDMA Scheme “Capacity Building on Disaster Management for IAS/ Central Civil Services Officers”. The CDM has sensitized over 1000 central civil services officers from F.Y. 2012-13 to F.Y. 2020-21 under this capacity building programme through various training programmes and created a strong network of trained officers.

About National Disaster Management Authority (NDMA)

Emergence of an organization is always through an evolutionary process. NDMA has also gone through the same stages. The Government of India (GOI), in recognition of the importance of Disaster Management as a national priority, set up a High-Powered Committee (HPC) in August 1999 and a National Committee after the Gujarat earthquake, for making recommendations on the preparation of Disaster Management plans and suggesting effective mitigation mechanisms. The Tenth Five-Year Plan document also had, for the first time, a detailed chapter on Disaster Management. The Twelfth Finance Commission was also mandated to review the financial arrangements for Disaster Management.

On 23 December 2005, the Government of India enacted the Disaster Management Act, which envisaged the creation of National Disaster Management Authority (NDMA), headed by the Prime Minister, and State Disaster Management Authorities (SDMAs) headed by respective Chief Ministers, to spearhead and implement a holistic and integrated approach to Disaster Management in India.

The National Disaster Management Authority (NDMA), headed by the Prime Minister of India, is the apex body for Disaster Management in India. Setting up of NDMA and the creation of an enabling environment for institutional mechanisms at the State and District levels is mandated by the Disaster Management Act, 2005.

India envisions the development of an ethos of Prevention, Mitigation and Preparedness. The Indian government strives to promote a national resolve to mitigate the damage and destruction caused by natural and man-made disasters, through sustained and collective efforts of all Government agencies, Non-Governmental Organizations and People's participation. This is planned to be accomplished by adopting a Technology-Driven, Pro-Active, Multi-Hazard and Multi-Sectoral strategy for building a Safer, Disaster Resilient and Dynamic India.

NDMA Vision

"To build a safer and disaster resilient India by a holistic, pro-active, technology driven and sustainable development strategy that involves all stakeholders and fosters a culture of prevention, preparedness and mitigation."

Functions and Responsibilities: NDMA, as the apex body, is mandated to lay down the policies, plans and guidelines for Disaster Management to ensure timely and effective response to disasters. Towards this, it has the following responsibilities: -

- Lay down policies on disaster management.
- Approve the National Plan.
- Approve plans prepared by the Ministries or Departments of the Government of India in accordance with the National Plan.
- Lay down guidelines to be followed by the State Authorities in drawing up the State Plan.
- Lay down guidelines to be followed by the different Ministries or Departments of the Government of India for the Purpose of integrating the measures for prevention of disaster or the mitigation of its effects in their development plans and projects.
- Coordinate the enforcement and implementation of the policy and plans for disaster management.
- Recommend provision of funds for the purpose of mitigation.
- Provide such support to other countries affected by major disasters as may be determined by the Central Government.

- Take such other measures for the prevention of disaster, or the mitigation, or preparedness and capacity building for dealing with threatening disaster situations or disasters as it may consider necessary.
- Lay down broad policies and guidelines for the functioning of the National Institute of Disaster Management.

Policy: The National Policy framework has been prepared after due deliberation and keeping in view the National Vision to build a safe and disaster-resilient India by developing a holistic, proactive, multi-disaster and technology-driven strategy for DM. This will be achieved through a culture of prevention, mitigation and preparedness to generate a prompt and efficient response during disasters. The entire process will centre-stage the community and will be provided momentum and sustenance through the collective efforts of all government agencies and Non-Governmental Organizations. In order to translate this vision into policy and plans, the NDMA has adopted a mission-mode approach involving a number of initiatives with the help of various institutions operating at the national, state and local levels. Central ministries, States and other stakeholders have been involved in the participatory and consultative process of evolving policies and guidelines. This Policy framework is also in conformity with the International Strategy for Disaster Reduction, the Rio Declaration, the Millennium Development Goals and the Hyogo Framework 2005-2015. The themes that underpin this policy are:-

- Community-based disaster management, including last mile integration of the policy, plans and execution.
- Capacity development in all related areas.
- Consolidation of past initiatives and best practices.
- Cooperation with agencies at the national, regional and international levels.
- Compliance and coordination to generate a multi-sectoral synergy.

Programme Overview

Development and disasters need to go hand in hand and the prime concern being to build disaster resilience for all physical, social, economic and environmental infrastructures, without waiting for a disaster to strike. In the post 2015 developmental agenda, India has undertaken a series of initiatives and is emerging as a global leader in the field of disaster risk management. With Government's sustained efforts, significant improvement in the preparedness and response structure of the country to natural calamities has been accomplished. Effective handling of all these disasters is a direct outcome of well-coordinated efforts, policy initiatives, enhancement of early warning capabilities, advance preparation, training, capacity development and synergy between and amongst the Central Government Ministries/Departments with their counterparts in State Governments. There is a strong need to keep up these efforts on a continuous basis for further improvement of disaster risk reduction mechanism in our country.

It is important for every Ministry / Department of the Government of India to understand the concepts of disaster management and also their roles and responsibilities. NDMA is continuously pushing this agenda with all Ministries/Departments through various initiatives and programmes from time to time. NDMA prepared the first National Disaster Management Plan (NDMP) in 2016 and revised it further in 2019. The National Plan has clearly defined roles and responsibilities of all the Ministries and Departments of Government of India in a time-bound manner which is in sync with the Sendai Framework for DRR, to which India is also a signatory. NDMA is focusing on India's commitment towards achieving the targets set under Sendai Framework for Disaster Risk Reduction (SFDRR) 2015-2030.

As per Section 37 (1) (a) of the DM Act, 2005, every Ministry or Department of the Government of India is mandated to prepare a DM Plan. NDMA is approving authority for the Disaster Management Plans prepared by Ministries/Departments. It is very important for Ministries/Departments to have a disaster management plan, with national perspective and which covers all aspects of disaster management cycle, like prevention, mitigation, preparedness, response, recovery & rehabilitation, capacity building etc.

Aim: The aim of the programme is to sensitize Nodal Officers on Disaster Risk Reduction and Resilience and to build their capacities to prepare departmental/ministerial disaster management plans in a time bound manner. This programme will also attempt to build the capacities of nodal officers to understand their specific roles and allied functions in disaster management clearly, and to perform their tasks and responsibilities efficiently in striving to achieve the national goals.

Thematic areas:

- Understanding Risk; Inter-Agency Coordination; Investing in DRR – Structural Measures & Non-Structural Measures; Capacity Development; Climate Change Risk Management
- Conforming to the National legal mandates—the DM Act 2005, NDMP 2019 and the NPDM 2009
- Work towards realising the global goals as per agreements to which India is signatory-Sendai Framework for DRR, Sustainable Development Goals (SDGs) and Conference of Parties (COP21) Paris Agreement on Climate Change
- Prime Minister's Ten Point Agenda for DRR articulating contemporary national priorities
- Social inclusion as a ubiquitous and cross-cutting principle
- Mainstreaming DRR as an integral feature

Objectives: The key objectives of this programme are:

- to sensitize the Nodal Officers on disaster management framework for disaster risk reduction; coherence between Sendai Framework, Sustainable Development Goals and Paris agreement; PM's 10 Point Agenda on DRR; and Global Perspective on Disaster Risk Reduction
- to provide orientation on different dimensions of disaster risk and resilience, tools and strategies aiming at enabling the Nodal Officers from various ministries and departments to understand the process of developing and implementing their Disaster Management Plans

- to discuss the issues of climate change adaptation, ecosystem-based resilience, housing and structural safety, man-made disasters, governance and financial instruments, early warning system, capacity building, participatory approach and integration of disaster management into plans and schemes of the government
- to encourage Nodal Officers of ministries/departments to prepare and periodically update their disaster management plan of ministry/department in line with the National Disaster Management Plan (NDMP) and also to inculcate suitable measures for mitigation, risk reduction, capacity building, preparedness and response, recovery and reconstruction, etc. for effective management of disasters and for effectively implementing the disaster management plan on ground
- to orient them on mainstreaming disaster risk reduction into development policy and practice i.e., development programs and projects, ongoing flagship programs of Government of India

For countries like India, DRR is particularly challenging. On one hand, India has to pursue its development agenda, grow our economy and improve the lives and livelihoods of our people and on the other hand, it needs to effectively manage disasters and climate risks that inevitably accompany the development process. Disasters can dislocate our developmental gains but at the same time development processes too can increase the risks of disasters. Therefore, there is a need for balance between these two so that we can achieve sustainable development.

Training Methodology: Flipped classroom sessions, panel discussions, individual presentation and discussion, group work will be part of pedagogy.

Target Group: The Joint Secretaries (Nodal Officers for Disaster Management) in all Ministries/ Departments of Government of India.

Outcome of the training programme: This orientation programme will be able to build the capacities of nodal officers on Institutional Framework for Disaster Management, Hazard, Risk, Vulnerability & Capacity Analysis (HRVCA); Hazard specific Prevention and Mitigation Measures; Mainstreaming DRR; Inclusive DRR; Coherence of Disaster Risk Management across

Resilient Development and Climate Change Action; Capacity Development & Communication; Coordination - Horizontal and Vertical Linkages; Preparedness and Response; Recovery and Reconstruction; Plan Management and the nodal officers will become competent to formulate the Disaster Management Plans of their respective Ministry/ Department at Government of India as per specifications mentioned in Section 37 of the Disaster Management (DM) Act 2005, aligning with national priorities, national commitments to international commitments and priorities of NDMP (Post-2015 Global Frameworks; SDG; Climate Change; PM's Ten-Point Agenda for Disaster Risk Reduction; Social Inclusion and Mainstreaming DRR).

Agenda of the programme

| Day – 1 (15 May, 2023) | | |
|------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------|
| INAUGURAL SESSION | | |
| Time | Topic | Speaker |
| 0930-1000 | Registration | - |
| 1000-1010 | National Anthem and Lighting of Lamp | - |
| 1010-1020 | Welcome and Introduction to the workshop | Shri Abhiram G. Sankar Deputy Director, LBSNAA & Director, CDM |
| 1020-1030 | Opening Remarks | Shri Kunal Satyarthi Joint Secretary (Policy & Plan), NDMA |
| 1030-1040 | Special Address | Shri Hitesh Kumar S. Makwana Additional Secretary (DM), MHA |
| 1040-1055 | Key Note Address | Shri Rajendra Singh Hon'ble Member, NDMA |
| 1055-1100 | Vote of Thanks | Ms. Rakhee Sadhu Deputy Secretary (PP), NDMA |
| 1100-1130 | Tea Break | |
| TECHNICAL SESSION I – 1130 – 1300 | | |
| OVERVIEW OF DISASTER MANAGEMENT IN INDIA | | |
| 1130-1145 | Disaster Risk Management System | Shri Hitesh Kumar S. Makwana Additional Secretary (DM), MHA |
| 1145-1200 | Disaster Response by NDRF | Shri Sudesh Kumar Drall Commandant, 15th Bn. NDRF |
| 1200-1215 | Capacity Development for Disaster Management by NIDM | Shri Rajendra Ratnoo Executive Director, NIDM |
| 1215-1230 | Early Warning Systems (including CAP) | Dr. D. R. Pattanaik Scientist F, IMD |
| 1230-1300 | Discussion & Q&A | |
| 1300-1400 | Lunch Break | |

| TECHNICAL SESSION II – 1400 – 1600 DISASTER MANAGEMENT PLANNING IN INDIA | | |
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| 1400-1415 | Disaster Management Planning in India | Shri Kunal Satyarthi Joint Secretary (Policy & Plan), NDMA |
| 1415-1430 | Preparation of DM Plan by Ministries / Departments | Shri Anuj Tiwari Consultant (PPM), NDMA |
| 1430-1445 | Analytical Presentation on DMPs of Ministries / Departments (Strengths of Good DMPs / Common Weaknesses) | Shri Priyank Jindal & Dr. Vazeem Iqbal, Consultants, NDMA |
| 1445-1500 | HRVCA | Prof. Anil Gupta Professor, NIDM |
| 1500-1520 | Presentation by Ministries / Departments (Approved Plans) (10 Min each) – I. Ministry of Panchayati Raj (MoPR) II. Department of Promotion of Industry and Internal Trade (DPIIT) | |
| 1520-1540 | Discussion & Q&A | |
| 1540-1600 | Briefing on Planning Exercise | |
| 1600-1630 | Tea Break | |
| TECHNICAL SESSION III – 1630 – 1730 EXPERIENCE SHARING ABOUT DISASTER MANAGEMENT PLANNING | | |
| 1630-1730 | Experience Sharing about Disaster Management Planning by Ministries / Departments from following groups: I. NEC Ministries and Departments | - |

| | II. Critical Infrastructure Ministries & Depts. III. Development Service oriented Ministries/Depts. IV. Other Ministries / Departments | |
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| Day – 2 (16 May, 2023) | | |
| TECHNICAL SESSION IV – 1000 – 1130 HANDS ON GROUP EXERCISE ON PREPARATION OF DM PLANS | | |
| Time | Topic | Speaker |
| 1000-1010 | Recap of Day-1 | Shri Kunal Satyarthi Joint Secretary (Policy & Plan), NDMA |
| 1010-1130 | Group Exercise by Ministries / Departments 4 broad groups: (total no. of groups formed in these 4 broad categories – 8) (Each of 8 group will make one draft DM Plan) I. NEC Ministries and Departments II. Critical Infrastructure Ministries & Depts. III. Development Service oriented Ministries/Depts. IV. Other Ministries / Departments | Facilitators – From LBSNAA, NDMA & NIDM NDMA 1. Ms. Rakhee Sadhu, DS (PP), NDMA 2. Shri Anuj Tiwari, Consultant (PPM), NDMA 3. Shri Priyank Jindal, Consultant, NDMA 4. Dr. Vazeem Iqbal, Consultant, NDMA |
| 1130-1145 | Tea Break | |

| GROUP PRESENTATION – 1145 – 1255 | | |
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| Chair: Shri Alok, AS, NDMA; Co-Chair: Shri Hitesh Kumar S. Makwana, AS (DM), MHA | | |
| 1145-1245 | Group wise Presentation by Ministries / Departments of the draft DM Plan (4 groups – 15 min each) & discussions. | Moderators – Shri Rajendra Ratnoo Executive Director, NIDM & Shri Abhiram G. Sankar Deputy Director, LBSNAA & Director, CDM |
| 1245-1255 | Discussion and Q&A | |
| VALEDICTORY SESSION – 1255 – 1330 | | |
| 1255-1305 | Key Issues in Disaster Management Planning | Shri Kunal Satyarthi Joint Secretary (Policy & Plan), NDMA |
| 1305-1315 | Special Address | Ms. Sowjanya Joint Director, LBSNAA |
| 1315-1325 | Way Forward & Valedictory Address | Shri Alok Additional Secretary, NDMA |
| 1325-1330 | Vote of Thanks | Shri Abhiram G. Sankar Deputy Director, LBSNAA & Director, CDM |
| 1330-1430 | Lunch | |
| Departure: 1430 Onwards | | |

List of Participants

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