



## TIDINGS

NIDM NEWSLETTER-26/2025 JAN-MAR 2025



#### **National Institute of Disaster Management**

(Ministry of Home Affairs, Government of India)

Website:

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## About NIDM

The National Institute of Disaster Management (NIDM) was constituted by 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 re-designation 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.

NIDM has performed a crucial role in bringing disaster risk reduction to the forefront of the national agenda. The Institute believes that disaster risk reduction is possible only through promotion of a "Culture of Prevention" involving all stakeholders. The Institute works through strategic partnerships with various ministries and departments of the central, state and local governments, academic, research and technical organizations in India and abroad and other bi-lateral and multi-lateral international agencies.

NIDM takes pride in having a multi-disciplinary team of professionals working in various aspects of disaster risk reduction. In its endeavour to facilitate training and capacity development, the Institute has state-of-the-art facilities like class rooms, seminar hall, video-conferencing facilities etc. The Institute has a well-stocked library exclusively on the theme of disaster risk reduction and management.

NIDM also provides capacity building support to various National and State level agencies in the field of Disaster Risk Reduction. The Institute's vision is to create a Disaster Resilient India by building the capacity at all levels for disaster prevention and preparedness.

## NIDM NEWSLETTER 26/2025

#### **JAN-MAR 2025**

# Editorial Board

#### Editor-In-Chief

**Shri Rajendra Ratnoo**, IAS Executive Director, NIDM

#### **Editor**

**Dr. Ajinder Walia**Associate Professor

#### **Editorial Assistance**

(Design & Presentation)

Ms Nazia Khan

Senior Consultant, Information and Public Relations Officer

#### **Technical Support**

Sh. S.K. Tiwari, Librarian Ms Karanpreet Kaur Sodhi Junior Consultant

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राष्ट्रीय

आपदा प्रबंधन

संस्थान



International Training Programme on Comprehensive Disaster Risk Management, 17-28 March 2025. Delhi





Roundtable Discussion on 'Resilient Communities, Stronger Nations: An India-Australia Collaborative Approach to Disaster Management', 07 March 2025, Delhi





# PIVOTAL MILESTONE FOR DISASTER RISK REDUCTION







The Hon'ble Union Home Minister & Minister of Cooperation, Shri Amit Shah inaugurated the National Institute of Disaster Management (NIDM), Southern Campus on January 19, 2025, in the gracious presence of Hon'ble Minister of Civil Aviation, Shri K. Ram Mohan Naidu; Hon'ble Chief Minister of Andhra Pradesh, Shri N. Chandrababu Naidu; Hon'ble Dy. Chief Minister, Shri Pawan Kalyan; Hon'ble MoS, MHA, Shri Bandi Sanjay Kumar; Home Secretary, Shri Govind Mohan; Additional Secretary, MHA, Shri Sanjeev Kumar Jindal; Member & HoD, NDMA, Shri Rajendra Singh; Hon'ble Minister of Information Technology, Electronics and Communications, Human Resource Development, Government of Andhra Pradesh, Shri N. Lokesh; Hon'ble Minister of Home Affairs and Disaster Management, Govt. of Andhra Pradesh, Smt. V. Anitha and other dignitaries.

Shri Rajendra Ratnoo, Executive Director, NIDM showcased the campus's eco-friendly design and innovative facilities. The event displayed NIDM's achievements, a tree plantation ceremony, and the launch of the National Disaster Response Force (NDRF) 10<sup>th</sup> Battalion.

# From the NIDM Executive Director's Desk



Dear Readers.

As we enter this new year, let's come together with renewed commitment to our goal of building a disaster-resilient nation. It is a pleasure to connect with you in this edition of TIDINGS, our newsletter dedicated to sharing valuable insights and updates on disaster risk reduction (DRR) initiatives.

In recent months, we've actively pursued various endeavours aimed at enhancing resilience across multiple sectors. From collaborative workshops to specialized training programs, each initiative significantly contributes to our shared mission of cultivating a safer, more resilient community.

Our National Annual Training Conference served as a dynamic platform for learning and collaboration. With distinguished speakers sharing their expertise, we engaged in an enriching exploration of the latest trends and best practices in disaster risk reduction. The passion and dedication displayed by participants fueled our collective determination to face challenges with resilience and foresight.

I am excited to announce the launch of the year-long "National Capacity Building Programme on Earthquake Risk Reduction" (ERR), inaugurated on March 4, 2025, with a 'Curtain Raiser Event.' This vital initiative aims to bolster our national resilience to seismic risks through targeted training, knowledge sharing, and collaborative efforts. These initiatives will culminate in a national workshop to unify insights into a comprehensive strategy, alongside a landmark event celebrating 25 years since the Bhuj Earthquake, during which we will unveil a National Capacity Building Plan. By emphasizing collaboration, practical training, and sectoral best practices, this program will establish a strategic roadmap to enhance earthquake resilience nationwide.

Let us continue to embrace this spirit of collaboration and innovation in this year. By fostering a culture of preparedness and resilience, we can not only minimize the impacts of disasters but also unlock new potential for growth and development. Together, we can create a future where disaster risks are minimized and communities are empowered to thrive, even in the face of uncertainty.

Rajendra Ratnoo, IAS

## Face to Face Training Programmes

**NIDM Delhi Campus** 

Incident Response System (IRS) 07-10 January 2025, Rajasthan



#### Key Takeaway/Recommendations

- a) Necessary to standardise response mechanisms.
   b) Strengthen coordination, clear roles and responsibilities and safety of responders.
- c) Resources should be carefully selected based on their capabilities to ensure the right support reaches the site, making the response more effective and efficient.
- d) Need to learn lessons from incident and improve future responses.

## Public Health Emergency and Disaster Management-Professional Development Programme (PHEDM-PDP) Tier-III, 16-18 January 2025, Jharkhand



#### Key Takeaway/Recommendations

- a) Addressing psychological and social factors during emergencies to ensure holistic disaster response.
- b) Explored organizational models and response structures to build efficient and effective emergency management systems.
- c) Integrated key frameworks such as the Sendai Framework, Disaster Management Act 2005, and International Health Regulations (IHR) 2005.
- d) Strengthened local resources, systems, and infrastructure to improve disaster readiness and response capabilities.

## Integrating Disaster Risk Reduction (DRR) into Corporate Social Responsibility (CSR) Initiatives, 20-22 January 2025, Odisha



- Social Responsibility a) Integrate Corporate (CSR) and Disaster Risk Reduction (DRR) to enhance community resilience, infrastructure preparedness, and risk reduction initiatives. Strengthen Community-Based Disaster Risk b) Reduction (CBDRR) through participatory risk assessments and local preparedness initiatives to build long-term resilience. c) Enhance disaster preparedness through early warning systems, community task forces
- and proactive planning, as demonstrated by Odisha's cyclone response model.

  d) Ensure sustained corporate engagement in DRR through long-term partnerships, policy alignment, and continuous improvement in CSR strategies focused on disaster resilience.

  e) Prioritize scientific risk assessments, hazard mapping, and vulnerability analysis in CSR initiatives to ensure sustainable and disaster-resilient development.

## Emergency Operations Centre Management & Incident Response System (IRS) 20-23 January 2025, Maharashtra



#### **Key Takeaway/Recommendations**

- a) Need to significantly strengthen coordination among stakeholders which will enhance the effectiveness of Emergency management where IRS plays an important role.
- b) Emergency Operation Center (EOC) must operate as thick tank and nerve center for emergency management to cater emergency needs.
- c) VIP movements must be handled by EOC without disturbing the ongoing response.
- d) Close linkage must be established between Incident Response System (IRS) & Emergency Operation Center (EOC).

## Resilient Rural Development (RRR) in the Changing Climate 22-24 January 2025, Andhra Pradesh



- a) RRR facilitates communities in the villages to tailor make solutions and utilize them during emergencies. Hence, it becomes imperative to integrate Disaster Risk Reduction (DRR) into Gram Panchayat Development Plan (GPDP).
- b) Need to ensure that disaster preparedness and risk reduction strategies align with community needs.
- c) Collaboration between government bodies, civil society organizations, and/or international agencies to provide Panchayats with the resources, training, and support they need to fulfil this critical role.
- d) Need to adopt best practices empowered by the right knowledge and resources, where Panchayats have implemented local-level disaster preparedness plans, improved water management, and safeguarded agricultural practices against climate risks.

#### Fire Safety for City Resilience, 06-08 February 2025, Delhi



- a) Leverage technology for fire risk management and Integrate AI, GIS mapping, and satellite monitoring for real-time risk assessment, develop mobile apps for incident reporting, and allocate funds for technological upgrades under modernization schemes.
- b) Establish regional training centers, procure advanced firefighting equipment (e.g., aerial ladders, drones), and train personnel in medical first response and hazardous material (HAZMAT) management, thereby enhancing firefighting infrastructure.
- Need to integrate fire safety into urban planning and retrofitting of old buildings with fire exits and sprinklers while ensuring better coordination between fire departments, urban planners, and infrastructure agencies.
- d) Secure funding and strengthen collaboration for infrastructure improvements, promote inter-agency coordination, and establish a national platform for sharing best practices.

## **Crowd Management at Large Congregations 27 February-01 March 2025, Himachal Pradesh**



#### Key Takeaway/Recommendations

a)	Strengthen coordination among stakeholders which significantly enhances the effectiveness of crowd management.
b)	Address crowd-related issues and conduct regular mock drills.
c)	Manage with an emphasis on participants' behavioral dynamics, thereby, making

	the inclusion of behavioral experts in the management team crucial.
d)	Engage leaders from within the crowd in order to improve crowd management effectiveness.
e)	Necessary to involve the relevant community before making any decisions or implementing actions.

## Tackling Urban Flood: Exploring Synergies between Geospatial Tools and Community-Based Approaches, 17-21 March 2025, West Bengal



a)	Need to stress on the role of local communities in risk identification, preparedness and response, sharing successful case studies and participatory models from across India.
b)	Promote a multidisciplinary and intersectoral approach by integrating technological innovation with community wisdom and institutional coordination for flood management.
c)	Exposure to advanced techniques like flood hazard and risk assessment, urban flood

	modeling using machine learning and data science and strengthen analytical capabilities.
d)	Evolve risks of urban flooding due to rapid urbanization, climate change and infrastructural challenges and comprehend its causes and patterns.
e)	Provision of practical field visit on-ground insights into flood mitigation measures, urban planning practices and institutional responses in real-time settings.

## International Training Programme on Comprehensive Disaster Risk Management 17-28 March 2025. Delhi



Under the prestigious ITEC Training Programme on 'Comprehensive Disaster Risk Management', participants from Belize engaged in an intensive learning experience organized by the National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, in collaboration with the Ministry of External Affairs, Government of India. The training covered key aspects of Disaster Risk Management, including institutional frameworks, preparedness and mitigation strategies, policy and legal aspects, funding mechanisms, and cross-sectoral integration of disaster risk reduction (DRR).



Participants gained firsthand insights into cyclone risk mitigation during their visit to the India Meteorological Department (IMD), they also visited NCS (National Centre for Seismology) where they observed monitoring of earthquake activity and explored emergency response mechanisms with an interaction at the National Disaster Response Force (NDRF). The programme also emphasized health and DRR, emerging technologies, climate change, and innovative tools for disaster resilience. The training was enriched by distinguished experts, including Shri Rajendra Ratnoo, ED, NIDM, Shri Pradeep Kumar Jena (Former Chief Secretary Odisha), Shri Lov Rego (Formerly

(Former Chief Secretary, Odisha), Shri Lov Rego (Formerly with Asian Disaster Preparedness Center [ADPC], Bangkok), Dr. Ravikant Singh (NCS), Dr. H.S. Mandal, Dr. Shasikant, IMD, Dr. Ananda Das (IMD), Prof. K. Sekar (Professor, National Institute of Mental Health and Neuro. Sciences [NIMHANS]), Shri Nisar Ahmed Envisions (Director, Institute), Dr. Hari Kumar (Regional Director, Geohazard International, South Asia, Delhi, India),

Shri Rakesh Kashyap (Chief Engineer & Project Director, NDMA), ShriAmit Tripathi (Advisor, CDRI), Shri C. Patanjali Kumar (Scientist, INCOIS), Dr. Babita (NCS), Dr. O. P. Mishra (NCS), Ms. Aishwarya Raj (CDRI), Prof. Surya Parkash (NIDM), Shri Randeep Rana (Sr. Advisor, NIDM), Dr. Amir Ali Khan (NIDM), Dr. Ajinder Walia (NIDM), Dr. Sushma Guleria (NIDM), Shri Shekher Chaturvedi (NIDM), Dr. Gagandeep Singh (NIDM), Dr. Amarjeet Kumar (NIDM), Dr. Pankaj Kumar (NIDM), Dr. Manjeet Singh, Dr. Arkaprabha Sarkar (NIDM), Dr. Rohit Kumar, Dr. Prerna Joshi (NIDM), Ms. Nazia Khan (IPRO, NIDM), Shri S. N. Sidh (NIDM), Shri Dharmendra Yadav (NIDM).



Their collective expertise provided participants with a holistic perspective on disaster risk management and resilience-building strategies. Participants gained a comprehensive understanding of catastrophe preparedness, response tactics, and resilience-building at the operational and policy levels. Besides academic learning, participants experienced a rich cultural and historical immersion through an academic tour to iconic landmarks, including the Taj Mahal, Fatehpur Sikri, Red Fort, and India Gate. Adding to the cultural experience, a vibrant cultural evening was organized, culminating in the Director's Dinner.



The highlight of the evening was a mesmerizing Kathak performance by Pt. Abhimanyu Lal and Varsha Lal Ensemble, leaving the attendees captivated by India's artistic heritage. The program concluded with a valedictory ceremony, graced by Shri Rajendra Ratnoo, ED, NIDM, Col. P.S. Reddy, JD, NIDM and Shri Randeep Kumar Rana, Senior Advisor, NIDM marking the successful completion of this transformative learning journey.

## **SOUTHERN CAMPUS**

ToT programme on 'Child Protection and Child Rights in Disasters and Emergencies' 06-09 January 2025, Andhra Pradesh



#### **Key Takeaway/Recommendations**

a)	Strengthening emergency care systems as medical needs and emergency protocols is crucial for saving lives.
b)	Safeguarding mechanisms and legal frameworks ensures children's safety and response capabilities.
c)	Strong partnerships leverage local resources and expertise.

	Enhancing collaboration skills strengthens community resilience.
d)	Expand access to the services that supports emotional recovery and well-being as skilled counsellors help address trauma and foster resilience in children.
e)	Access to education and healthcare is critical for recovery.

## Faculty Development Programme on Empowering Educators for Climate Resilience, Well-being, and Leadership, 17 January 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

a)	Discussed the role of the 15 <sup>th</sup> Finance Commission funding, financial constraints and gaps in fund utilization in disaster risk management.
b)	Encouraged improvement of utilization of the National and State Disaster Risk Management

	Funds.
c)	Highlighted the need for states and ministries to integrate DRR initiatives into development policies and planning.

d)	Stressed the need for capacity-building programs at both national and state levels.
e)	Emphasized greater financial autonomy for local governments to implement DRR initiatives.
f)	Highlighted the role of Corporate Social Responsibility (CSR) in DRR initiatives.
g)	Recommended collaboration among government institutions, academia and private sector to develop advanced DRR strategies.

#### Training Programme on Disaster Risk Reduction, 27-29 January 2025, Andhra Pradesh



a)	Provision of a framework for integrating disaster risk reduction into development planning.
b)	Need to create a network of line departments that can support each other in disaster risk reduction.
c)	Ensure that line departments are well equipped

	to respond to disasters effectively in rural areas.	
d)	Recognize the importance of community participation in disaster risk reduction.	
e)	Develop and regularly update emergency response plans, ensuring clear communication protocols and procedures for seasonal hazards.	

## Training Programme on Disaster Risk Reduction 30 January-01 February 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

a)	Aware the officials about the significance of disaster risk reduction for safeguarding lives and infrastructure.  Provision of technical knowledge and practical skills for disaster preparedness and response.	
b)		
c)	Ensure a multi-sectoral approach for coordinated	

	disaster management and mitigation.		
d)	Need to encourage inter-departmental collaboration for resource-sharing and effective action.		
e)	Implement risk-informed policies and frameworks for sustainable disaster resilience.		

## ToT programme on 'Child-Centric Disaster Risk Reduction' 03-07 February 2025, Andhra Pradesh



a)	Need to ensure children receive age-appropriate information, disaster funding at the school level, provisions for developing IEC (Information, Education, and Communication) materials.
b)	Collaborate among governments, communities,

- Collaborate among governments, communities, organizations, and individuals to share resources and responsibilities.
- c) Establish mechanisms to hold governments and responders accountable for safeguarding children's rights during emergencies.
- d) Comprehend the basics of coronavirus disease (COVID-19), including its symptoms, complications, modes of transmission and its preventive measures.

## Training Programme on Disaster Risk Reduction (DRR) 10-12 February 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

a)	Assess and identify various disaster risks specific to Andhra Pradesh, including natural and man-made hazards, and how to prioritize them based on vulnerability.
b)	Develop comprehensive disaster preparedness plans tailored to the needs of different

events.

c) Emphasize the needs of more vulnerable groups, such as women, children, and persons with

departments, ensuring readiness for disaster

- disabilities, into disaster risk management efforts.
- d) Focus on enhancing coordination among line departments and stakeholders during disaster responses, ensuring streamlined operations and resource management.
- e) Integrate disaster risk reduction into existing policies and development plans, ensuring that DRR becomes part of routine governance and administration.

## ToT programme on Health and Nutrition of Women and Children in Disasters and Emergencies, 10-12 February 2025, Goa



a)	Conduct t	imely and	daccurate	assessments
	which helps	s identify n	eeds, priorit	ize responses,
	and allocate resources effectively.			

- b) Engage local communities, women's groups, and other stakeholders and ensuring that responses are tailored to specific needs and contexts.
- c) Need to address mental health and psychosocial needs to mitigate the trauma and stress associated with disasters.
- d) Build the capacity of healthcare workers, community volunteers, and other stakeholders to ensure that responses are effective and sustainable.

## Training Programme on Disaster Risk Reduction (DRR) 13-15 February 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

a)	Utilize hazard mapping, vulnerability analysis, and other techniques to conduct effective disaster risk assessments for informed decision-making.
b)	Develop comprehensive, department-specific disaster preparedness plans to ensure readiness for various disaster scenarios.
c)	Strengthen collaboration among government

	departments and stakeholders for efficient disaster response and resource management.
d)	Implement disaster risk reduction measures tailored to key sectors such as agriculture, health and infrastructure for holistic resilience building.
e)	Promote inter-departmental cooperation and networking to enhance disaster risk management practices.

## ToT programme on Engaging Youth and Adolescents in Disaster Risk Management (DRM) and Climate Change Adaptation (CCA), 17-21 February 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

- a) Empower youth and adolescents for effective disaster risk management and climate change adaptation.
- b) Need to adopt Child-centered disaster risk reduction approaches which helps in reducing the impact of disasters on children.
- c) Collaborate and coordinate among stakeholders to uphold effective disaster risk management and climate change adaptation.
- d) Enhance disaster risk reduction efforts, including early warning systems and emergency response and to ensure that communities are resilient to disasters.

#### Training Programme on Disaster Risk Reduction (DRR) in Andhra Pradesh 27 February - 01 Mar 2025, Andhra Pradesh



a)	Foster col departments disaster resp	and stal	keholders	for	efficient
b)	Institutionalizinto govern planning.				
c)	Promote	grassroots	s-level	parti	cipation

	in disaster risk reduction initiatives.
d)	Need to utilize advanced techniques like hazard mapping and vulnerability analysis for effective disaster risk assessments.
e)	Recognize the link between climate change and disaster risks and advocate for climate-smart development.

## ToT programme on 'Child-Centric Disaster Risk Reduction' 03-07 March 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

a)	Recognize children as a vulnerable group and integrate their needs into disaster preparedness, response, and recovery.		
b)	Align disaster risk reduction with the UN Convention on the Rights of the Child (UNCRC) to ensure protection and participation.		
c)	Identify physical, emotional and social risks that children face and develop targeted interventions.		

d)	Implement school safety plans, conduct drills and ensure education continuity during disasters.	
e)	Strengthen local participation, empower caregivers and building child-friendly communities.	
f)	Need to equip the trainers with skills and methodologies to implement CCDRR effectively.	

#### Training Programme on Disaster Risk Reduction in Andhra Pradesh 10-12 March 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

a)	Need to identify potential hazards, understanding community vulnerability and determining existing capacity for DRR.
b)	Effective early warning systems can save lives and reduce the impact of disasters.

Strengthen collaboration among government departments, stakeholders and grassroots-level participation is essential for efficient

	disaster response and resource management.		
d)	Integrate the needs of women, children and persons with disabilities into DRR strategies which can ensure equitable risk reduction.		
e)	Resilience can be increased by implementing policies that are specific to important industries like infrastructure, health, and agriculture.		

## ToT Programme on Youth Adolescents in Disaster Risk Management and Climate Change Adaptation, 10-14 March 2025, Puducherry

#### Key Takeaway/Recommendations

c)

a)	Adapt strategies such as sustainable agriculture, water conservation, and resilient infrastructure to cope with changing climatic conditions.

- b) Need to engage local communities in disaster preparedness, thereby ensuring a more effective and sustainable response to disasters.
- c) Integrate disaster preparedness and climate change education in schools to equip students with essential survival skills.
- d) Enhance disaster preparedness and response efforts by means of GIS mapping, drones and Al-powered forecasting technologies.

## Training Programme on Disaster Risk Reduction in Andhra Pradesh 17-19 March 2025, Andhra Pradesh



#### Key Takeaway/Recommendations

climate change impacts.

a)	in disaster risk assessment, planning and response.		
b)	Implement advanced warning mechanisms for cyclones, floods and other hazards to minimize losses.		
c)	Promote sustainable agricultural practices, water conservation and afforestation to mitigate		

d)	Collaborate among government, NGOs, private sector and local communities to enhance DRR efforts.		
e)	Support alternative livelihoods to reduce economic vulnerabilities caused by disasters.		
f)	Conduct education programs, mock drills and community outreach to enhance disaster.		

#### ToT Programme on 'Child-Centric Disaster Risk Reduction' 17-21 March 2025, Punjab



#### Key Takeaway/Recommendations

- a) Need to be careful to reduce casualties during a disaster. During COVID 19 period, every institution should re-plan their disaster response plan according to the government directives.
- b) Ensure regular communication with children in an empathetic manner to ease the distress faced by them during disasters.
- c) Improvement of family dynamics and well-being by alleviating financial pressure, reducing family tension and increasing choice and participation for adults, also positively influences the household environment for children.
- d) Need to adopt careful preparation to reduce casualties during a disaster.

## Training Programme on 'Disaster Risk Reduction' in Andhra Pradesh 24-26 March 2025, Andhra Pradesh



a)	DRR efforts must prioritize the agriculture sector to ensure food security and livelihood protection.				
b)	Need to improve early warning systems and disaster response by leveraging technology such as mobile apps and GIS mapping.				
c)	Collaboration among government agencies, NGOs and private sector				

	organizations is critical for effective DRR.
d)	Mainstream DRR into development planning to ensure sustainable and resilient development.
e)	Need to raise public awareness about disaster risk and promote a culture of safety which can save lives and reduce damage.

## CONFERENCES/WORKSHOPS/SEMINARS

NIDM Delhi Campus

## Workshop on Community-Based Public Health Emergency and Disaster Management (CB-PHEDM) Tier-I at Goondpur Gram Panchayat, 07-08 January 2025, Rajasthan



The programme was conducted in Rajasthan, under the auspices of the National Institute of Disaster Management (NIDM), Ministry of Home Affairs (MHA); the National Centre for Disease Control (NCDC); the Directorate General of Health Services (Dte.GHS), Ministry of Health and Family Welfare (MoHFW), Government of India (Gol); Directorate of Medical Health Services, Government of Rajasthan; and the U.S. Centers for Disease Control and Prevention (CDC), Country Office-India. It aimed to strengthen disaster preparedness and public health response at the grassroots

level by equipping frontline workers and community members with essential skills.

The event placed a strong emphasis on inclusive community engagement, involving women, and the elderly in disaster planning and response, recognizing their critical role in building resilience. A holistic approach was adopted by integrating indigenous knowledge with modern disaster management strategies, ensuring that traditional complemented practices scientific advancements. Prof. Surva Parkash introduced the PHEDM framework. which ensures a coordinated response across five administrative levels, from community to national authorities. enhances structured approach resilience. preparedness, and response effectiveness, with local involvement serving as the foundation of disaster management.

Furthermore, participants were trained to detect and respond to public health emergencies while ensuring continuity of essential services. The pilot programme demonstrated significant impact, advocating for its replication in other regions and integration into state and national disaster management frameworks.

## Workshop on Public Health Emergency and Disaster Management (PHEDM-PDP) Tier-III, 15 January 2025, Jharkhand

A workshop was jointly organized by the National Institute of Disaster Management (NIDM), the National Centre for Disease Control (NCDC), the Integrated Disease Surveillance Programme (IDSP) Jharkhand, and CDC-India which brought together professionals to advance disaster preparedness and public health emergency response. The prominent resource persons, involved Dr. Sujeet K. Singh (Public Health Expert and Former Director of NCDC, Ministry of Health and Family Welfare (MoHFW) (GoI), Dr. Shubhangi Kulsange (Joint Director, IDSP), Dr. Ravi Shankar Singh, RD, Regional Offices of Health and Family Welfare (RoHFW), Patna, Dr. Jugal Kishore (Director Professor of Community Medicine, VMMC & Safdarjung Hospital), and Dr. Rajat Garg (PHS, DGHP, CDC-India).

The workshop emphasized the pivotal role of mentorship in strengthening disaster management capacities at the local level. It focused on improving PHEDM capabilities through multisector coordination, risk mapping, and comprehensive approaches to preparedness, mitigation, response, and recovery.



The discussions provided actionable insights into creating effective preparedness frameworks while focusing on building local capacities in staffing, systems, and infrastructure critical for PHEDM.

## Workshop on National Critical Care Nursing Conference (NCNCON) 14-15 February 2025, Chandigarh

IUINDRR-NIDM, Ministry of Home Affairs, Government of India, in collaboration with Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh, organized a national workshop on 'Fostering Best Practices in Emergency, Peri- operative and Critical Care' at Bhargava Auditorium, PGIMER. The event brought together 1,150 medical professionals, including clinical nurses, educators, researchers and administrators from across India.

The two-day workshop featured expert-led sessions, interactive workshops, panel discussions and hands-on demonstrations focused on advancements in emergency care, peri-operative procedures, and critical care technologies. Practical sessions on life support, ventilator management and pain management equipped the participants with essential clinical skills.

The workshop highlighted the vital role of nurses in interdisciplinary healthcare teams and emphasized the need for ongoing professional development. It also



provided a platform for networking, knowledge exchange and exploring collaborative initiatives, reinforcing a shared commitment to improve patient-centered care across healthcare settings.

## Workshop on Advanced Geo Computational Techniques in Natural Hazards and Disaster Management for Resilient Society and Sustainability, 27-28 February 2025, Uttar Pradesh



The two days workshop on 'Advanced Geo-Computational Techniques in Natural Hazards and Disaster Management for Resilient Society and Sustainability', was jointly organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India and Amity Institute of Geoinformatics and Remote Sensing (AIGIRS), Amity University, Noida. The workshop aimed to enhance disaster risk reduction and resilience through geospatial technologies and Al-driven approaches. The event involved experts from academia, government, and industry. The workshop facilitated discussions on cutting-edge disaster management techniques, fostering knowledge exchange and capacity building. The meeting sensitized over the topics such as Disaster Risk Reduction and Resilience (DRR&R) concepts, the institutional framework for disaster management and hazard, vulnerability, capacity and risk (HVCR) assessment, with a focus on multi-hazard evaluation.

Participants explored geospatial and AI applications in disaster preparedness, particularly in flood studies, remote sensing and data collection with special emphasis on Google Earth Engine (GEE) for flood inundation mapping and geoinformatics for forest fire modeling. The workshop also highlighted AI-driven disaster risk assessment, particularly for roof-based community vulnerability analysis and stressed the integration of disaster risk reduction strategies into policy and urban planning.

Sessions on data analytics and AI for geospatial sciences provided insights on emerging technologies for disaster forecasting and risk mitigation. Conclusively, the workshop served as a crucial platform for strengthening disaster preparedness, risk reduction strategies and sustainable development through advanced geo-computational and AI-based techniques.

## One-Day Curtain Raiser Workshop on the National Capacity Building Programme for Earthquake Risk Reduction, 04 March 2025, Delhi



National Institute of Disaster Management (NIDM), in collaboration with the National Disaster Management Authority (NDMA), organized a one-day Curtain Raiser Workshop on 'Capacity Building Programme for Earthquake Risk Reduction'. The agenda of the workshop was to identify gaps, and collaborate on solutions to enhance earthquake resilience. It also sets the stage for a series of regional workshops and training programs, which will examine insights from the Post-Gujarat Earthquake Reconstruction Programme, public health strategies, and recent developments in urban infrastructure resilience. The initiative will culminate in a landmark event marking 25 years since the Bhuj Earthquake, featuring the launch of a comprehensive report capturing vital lessons from Gujarat's recovery and reconstruction efforts. The collective recommendations from these workshops,

training sessions, and conferences will contribute to a National Capacity Building Plan—an essential roadmap to strengthen resilience and preparedness nationwide.

The event is further enriched by the presence of distinguished experts such as Prof. C.V.R. Murty (IIT Madras), Shri Sanjeev Kumar Jindal (Additional Secretary, DM), Shri Rajendra Singh (Member & HoD, NDMA), and other eminent leaders who share their valuable insights on earthquake risk reduction in India. By sharing their knowledge, experiences, and recommendations, these experts help pave the way for a more robust and comprehensive strategy to mitigate earthquake risks, enhance preparedness, and build a resilient infrastructure across the country.

## Regional Workshop on Role of Space Technology in Disaster Risk Management 10-11 March 2025, Kerala



The two-day regional workshop on the 'Role of Space Technology in Disaster Risk Management' was jointly organized by the National Institute of Disaster Management, MHA, Gol and the National Remote Sensing Centre (NRSC), ISRO at the Institute of Land & Disaster Management (ILDM), Kerala. The aim of the workshop was to enhance disaster risk reduction and resilience through geospatial technologies. It served as an important platform for collaboration among disaster management professionals, space technology experts, policymakers and researchers across the region.

The workshop highlighted the transformative potential of space-based tools—such as satellite imagery, remote sensing, and geospatial data—in enhancing early warning systems, improving risk assessment, and supporting real-time disaster response and recovery efforts. The agenda was to promote the integration of space technology into national and regional disaster risk reduction (DRR) frameworks.

Overall, the workshop served as a crucial platform for strengthening disaster preparedness, risk reduction strategies and sustainable development through space technology in disaster risk management.

## Workshop on Community Based Public Health Emergency and Disaster Management (CB-PHEDM) Tier-I & II, 18 March 2025, Rajasthan



A one-day Training of Trainers (ToT) programme on Community Based Public Health Emergency and Disaster Management (CB-PHEDM) was organized by the Directorate of Medical and Health, Government of Rajasthan with technical support from National Centre for Disease Control (NCDC), National Institute of Disaster Management (NIDM) and CDC India. The programme aimed to strengthen community resilience. As part of the programme, Community Emergency Management Teams (CEMT) and Community Emergency Response Teams (CERT) were designated to enhance local disaster preparedness. Participants were trained in basic first aid, search and rescue, and other critical response skills, enabling them to act swiftly in emergencies and contribute to a more resilient community.

The event was graced by the presence of Dr. Praveen Aswal, Additional Director (Rural Health), Directorate of Medical and Health, Government of Rajasthan; Dr. Saurabh

Goel, Joint Director, Integrated Disease Surveillance Programme (IDSP), NCDC, Ministry of Health & Family Welfare (MoHFW), Gol; Dr. Kaushal Gupta, ROHFW, MoHFW; and Dr. Mukesh Vijayawargiya, Famine & Joint Director, Disaster Management, Directorate of Medical and Health, Govt. of Rajasthan, Prof. Surya Parkash, Head GMRD, NIDM (Online) and Dr. Rajat Garg, Public Health Expert, CDC- India (online). A total of 85 participants from 34 different districts of Rajasthan actively took part in the programme.

Besides, the programme also included the participation of public health emergency and disaster management (PHEDM) Tier-III mentees, representing various health sectors, such as epidemiologists, deputy chief medical and health officers (Dy. CM&HO) and block chief medical officers (BCMO) from multiple districts. Their presence added valuable insights and practical experiences to the training.

## 2<sup>nd</sup> Vision Zero Summit: International Conference on Resilient Urbanism & Safe Mobility 26-28 March 2025, Madhya Pradesh

National Institute of Disaster Management (NIDM), Maulana Azad National Institute of Technology (MANIT) and Institute of Town Planners of India (ITPI) joined hands to organize 2nd Vision Zero Summit, International Conference on Resilient Urbanism & Safe Mobility. The conference brought together policymakers, experts, academicians and stakeholders. It featured 6 plenary sessions focusing on road safety in India. There were deliberations on identifying key transport safety issues and challenges, discussion on strategies for improving transport safety, sharing of best practices and case studies

and recommendations for enhancing transport safety. During the conference, a roundtable was hosted by Prof. Surya Parkash, Project Director, HighCAP and Ms Bindu Aggarwal, Project Manager, HighCAP to analyse the vulnerability and resilience of highways in the face of climate change. The aim of conference was to deliberate on developing strategies and solutions to maintain continuity in the face of shocks and stresses, such as disasters, economic downturns and social challenges.

## Conference on Disaster Risk Reduction: Special Focus on Himalayan Disaster Resilience, 27 March 2025, Ladakh



A conference was organized jointly by National Institute of Disaster Management and 16th Finance Commission, Government of India, in collaboration with the University of Ladakh as technical partner. The conference began with opening remarks by Dr. Arvind Panagariya, Chairman, 16th Finance Commission, followed by a keynote address from Dr. Pawan Kotwal, IAS, Chief Secretary, Ladakh. Shri Rajendra Ratnoo, IAS, ED, NIDM, set the context for the discussions. Prof. Dr. Saket Kushwaha, Vice Chancellor, University of Ladakh, delivered the welcome address and felicitated the esteemed dignitaries.

The conference featured insightful discussions by distinguished speakers and panellists, including Shri Shrawan Prabhu, Council on Energy, Environment and Water (CEEW); Shri Akash Mishra, Coalition for Disaster Resilient Infrastructure (CDRI); Shri P.G. Dhar Chakrabarti, Ramakrishna Mission Vivekananda Educational and Research Institute; Dr. Roopam Shukla, Indian Institute

of Technology, Roorkee; Shri Pardeep Kumar Jena, IAS, Former Chief Secretary & Chief Development Commissioner, Odisha; Ms Shashanka Ala, IAS, Administrative Secretary, UT Ladakh; Prof. Diwan Singh Rawat, Vice Chancellor, Kumaun University, Uttarakhand; Dr. Sonam Lotus, Head, India Meteorological Department, Leh and Dr. Preeti Soni, NIDM.

The event witnessed enthusiastic participation of key stakeholders from national institutions and local authorities including policymakers, scientists, academicians and administrative roles highlighted the collective commitment towards a safer and resilient future.

The valedictory session of the conference was marked by the closing remarks of Smt. Annie George Mathew, Member, 16th Finance Commission. The conference successfully highlighted the urgent need for robust risk mitigation strategies tailored to the unique vulnerabilities of the Himalayan ecosystem.

## CONFERENCES/WORKSHOPS/SEMINARS

**NIDM Southern Campus** 

## Workshop on 'Child Protection and Child Rights in Disasters and Emergencies' 10 January 2025, Andhra Pradesh

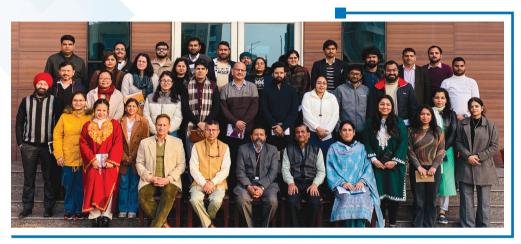


A one day workshop on 'Child Protection and Child Rights in Disasters and Emergencies' was held at NIDM South Campus, Vijayawada. The workshop was inaugurated by Col. PS Reddy, JD, NIDM. It began with a welcome address by Ms Shaik Nazia, Joint Consultant, CCDRR, NIDM, followed by an overview of the workshop's objectives by Dr. I Balu, Consultant, CCDRR, NIDM. Dr. Kumar Raka, Senior Programme Officer, CCDRR, NIDM, delivered

the keynote address and highlighted the importance of protecting children's rights and ensuring their safety in disaster situations. The session concluded with a vote of thanks proposed by Mr. Ranjan Kumar, Consultant, CCDRR, NIDM. Around 48 participants from Women and Child Welfare, School Education, Medical & Health, Revenue, Social Welfare department from Govt of Andhra Pradesh attended this workshop.

## Other Activities

#### Orientation Programme on 'National Disaster Risk Management Fund', 13 January 2025, Delhi



An orientation programme on National Disaster Risk Management Funds (NDRMF) focused on designing projects under mitigation funds. It was inaugurated by Shri Rajendra Ratnoo, ED, NIDM, who highlighted the importance of structured disaster financing and capacity building. The session was led by Shri Krishna S. Vatsa, Member, NDMA, who emphasized the importance of building a diversified and dependable Disaster Risk Financing (DRF) system in India. He explained the significant reforms introduced by the 15th

Finance Commission, such as revised allocation formulas, new funding windows, and improved predictability and transparency. He further addressed key challenges, including limited insurance penetration, underutilization of funds, and the non-operational status of district-level funds. The session saw active participation, with queries around risk indexing, fund disbursement, and the rationale behind layered funding structures, making it a comprehensive learning experience for all attendees.

#### 150<sup>th</sup> Anniversary Celebrations of the India Meteorological Department (IMD) 14 January 2025. Delhi



Shri Rajendra Ratnoo, IAS, Executive Director, NIDM, had an insightful discussion with Prof. Celeste Saulo, Secretary General, World Meteorological Organization (WMO), during the 150<sup>th</sup> Anniversary celebrations of the India Meteorological Department (IMD) at Bharat Mandapam. He briefed her about NIDM's initiatives contributing to disaster resilience.



In the third panel discussion, chaired by Lt Gen Syed Ata Hasnain, Member, National Disaster Management Authority, explored the crucial role of 'Weather and Climate Services for Disaster Risk Reduction'. The session emphasized the power of early warning systems in minimizing disaster impacts and safeguarding lives.

#### Sensitization on 'Features and Operation of Anuvadini', 30 January 2025, Delhi



National Institute of Disaster Management organized a session on 'Features and Operation of Anuvadini', an advanced AI translation tool developed by the AII India Council for Technical Education (AICTE) under the Ministry of Education, Government of India.

The session was led by the chief guest Dr. Buddha Chandrasekhar, Chief Coordinating Officer, AICTE and CEO of Anuvadini Foundation. He was accompanied by Shri Balaji Arathila, Senior Vice President of Anuvadini Foundation. The event was further joined by Prof Surya Parkash, Head, GMRD, NIDM; Col. P. S. Reddy, JD, NIDM and Shri Randeep Kumar Rana, Sr. Advisor, NIDM.

The session emphasized the significance of Anuvadini tool designed to enhance and simplify the process of language translation and communication.

Dr. Buddha provided valuable insights regarding the translational capabilities of this tool which can enable users to connect across different languages and can make global communication seamlessly. He further illustrated that this tool not only represents significant progress in language translation but also showcased Al's positive impact on international communication by breaking down language barriers and facilitating cross-cultural dialogue.

#### Sensitization on 'Effective Communication Skills', 31 January 2025, Delhi



National Institute of Disaster Management (NIDM) conducted a thoughtful training session on 'Effective Communication Skills' which focused on how mental well-being influences communication and its importance in daily life. The event was led by expert Dr. Vandana Gambhir (Assistant Professor, Delhi University), the event was further graced by Shri Rajendra Ratnoo, ED, NIDM; Col. P. S. Reddy, JD, NIDM; Shri Randeep Kumar Rana,

Senior Advisor, NIDM and Ms Nazia Khan, IPRO, NIDM.

The session accentuated on overcoming communication barriers, enhancing clarity, and fostering resilience through effective dialogue. NIDM faculty and staff members actively participated, engaged in an interactive discussion to refine their communication strategies for professional and personal growth.

#### 'CBRN Summit: Safeguarding The Future', 01 February 2025, Delhi



Shri Rajendra Ratnoo, IAS, ED, NIDM, participated as the special guest and keynote speaker at the 'CBRN Summit: Safeguarding The Future' organized at India Habitat Centre, New Delhi.

The summit served as a platform for experts, policymakers, and stakeholders to engage in a qualitative discussion on strengthening resilience and preparedness against Chemical, Biological, Radiological, and Nuclear (CBRN)

threats and how to collaborate effectively in managing these complex emergencies.

Shri Ratnoo emphasized the importance of proactive strategies, capacity building, and multi-agency coordination to mitigate risks and safeguard communities. He delivered valuable insights which laid stress on NIDM's commitment to advance disaster risk reduction and foster collaborations to address evolving CBRN challenges.

## Sensitization on 'Common Alert Protocol (CAP) and Sachet System' 07 February 2025, Delhi



National Institute of Disaster Management organized a workshop on the 'Common Alert Protocol (CAP) and Sachet System' at NIDM campus. The session featured Col. Anuj Dayal Mathur (Retd.), Senior Consultant

(Communications), National Disaster Management Authority (NDMA) who provided in-depth insights into CAP and the Sachet System and highlighted their importance in disaster communication. Mr Sumit Kumar Jha, Team Leader, Centre for Development of Telematics (C-DOT), elaborated on C-DOT's contributions to enhance alert mechanisms.

The faculty and other staff members actively participated and engaged in discussions that deepened their understanding of disaster communication and early warning systems.

The workshop proved to be highly informative and impactful, equipped the participants with crucial knowledge on alert protocols and communication technologies which are essential for effective disaster preparedness and response.

#### Faith of Kumbh and Climate Change Conclave, 16 February 2025, Uttar Pradesh



Shri Rajendra Ratnoo, IAS, Executive Director of NIDM, participated as a speaker in the Faith of Kumbh and Climate Change Conclave in Prayagraj organized by the International Forum for Environment, Sustainability & Technology (iFOREST). His insights highlighted the deep connection between faith, culture, and climate action. He further emphasized how spiritual wisdom can drive sustainable and inclusive environmental solutions. The conclave underscored the role of religious leaders and faith-based organizations in inspiring climate action as a moral and spiritual duty. Participants pledged to support these efforts, reaffirmed their commitment to sustainability, unity and spiritual upliftment. The Mahakumbh Declaration urged collective action from policymakers, civil society, scientists and individuals to integrate spirituality with sustainability for future generations.

## Roundtable Discussion on 'Resilient Communities, Stronger Nations: An India-Australia Collaborative Approach to Disaster Management', 07 March 2025, Delhi



Shri Rajendra Ratnoo, ED, NIDM, accompanied Shri Sanjeev Kumar Jindal, Additional Secretary, Disaster Management, Government of India at the Roundtable Discussion on 'Resilient Communities, Stronger Nations: An India-Australia Collaborative Approach to Disaster Management' at Murray Harris Hall, Australian High Commission, New Delhi.

The discussion brought together policymakers, disaster management experts, and thought leaders from India and Australia to explore scalable and coordinated strategies in disaster resilience, focusing on governance, technology, and community-driven initiatives. Through the India-Australia Centre of Excellence for Disaster Resilience, both nations are deepening their collaboration in research, policy development and implementation working towards a safer and more resilient future.

## Meditation Session on 'Strengthening Environmental & Spiritual Resilience Kanha Shanti Vanam' 11 March 2025. Delhi

A delegation from Kanha Shanti Vanam visited the National Institute of Disaster Management (NIDM) to explore green initiatives for the Rohini campus. The session was led by Shri V. Ramakanth, IFS (Retd.), Shri Ashok Bhargava and Shri Sarvanan. The event focused on enhancing vegetation cover with medicinal plants, native species, food forests, and green walls. It further aimed to improve air quality, regulating temperature, and fostering environmental sustainability.

Shri Rajendra Ratnoo, ED, NIDM, felicitated the esteemed delegation. The visit also featured an interactive session where NIDM faculty gained insights on spirituality, stress management and ecological restoration. Moreover, heart-centered approaches for holistic well-being were introduced during a heartfulness meditation session which was led by Shri V. Ramakanth.



## Project Activity

## Heat-Health National Level Capacity Building Workshop and Conclave 24-26 March 2025, Delhi



National Institute of Disaster Management (NIDM), Ministry of Home Affairs (MHA), Gol, in collaboration with National Centre for Disease Control (NCDC), Ministry of Health and Family Welfare (MoHFW), successfully organized a three-day 'Heat-Health National Level Capacity Building Workshop and Conclave' under the National Programme on Climate Change and Human Health (NPCCHH).

The workshop was designed to build the capacities of State Nodal Officers and NPCCHH Consultants from State Health Departments, focusing on heat-health risk governance, emergency response mechanisms, surveillance systems and the development of climate-resilient health infrastructure.

The event featured a high-level Heat-Health conclave, where participating states shared their experiences, innovative practices and key challenges in implementing Heat Health Action Plans. This collaborative platform facilitated cross-learning and inter-state dialogue.

#### Webinars

S. No.	Name of the Programme	Date
1	Crowd Management & Stampede Avoidance	12 March 2025

## सुर्खियों में MDM



## सुर्खियों में MDM



## NIDM PORTALS













For information on Conducted and Proposed Training Programmes organised by NIDM during the year 2024-25 please scan the below QR code















#### **Executive Director**

#### **National Institute of Disaster Management**

(Ministry of Home Affairs, Government of India)

Plot No. 15, Pocket 3, Block B, Sector 29, Rohini, Delhi 110042 Website : https://nidm.gov.in