

कल मनोरम यादव, एसएम  
संयुक्त निदेशक

**Col Manoram Yadav, SM**  
Joint Director



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National Institute of Disaster Management  
(गृह मंत्रालय, भारत सरकार)  
Ministry of Home Affairs, Govt. of India  
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Plot No. 15, Block B, Pocket 3,  
Sector 29, Rohini, Delhi-110042

Ref. No.: NIDM/EDRM-II/Trainings/2025-26/2  
Date: July 30, 2025

Dear Sir,

The National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, is organizing the "**2<sup>nd</sup> Comprehensive Course on Disaster Risk Management**" from **August 18 - 29, 2025**, at **NIDM HQ, Delhi**. This program aims to enhance the capacities of mid to senior-level professionals in disaster risk reduction and management.

2. Given NDRF's pivotal role in disaster response operations, we would be grateful if you could nominate a suitable officer from your esteemed force to serve as a Resource Person. We invite your nominee for **Session 16: Principles of Emergency Response & Incident Response System (IRS)**. This session is scheduled for **Friday, August 22, 2025, from 10:00 AM - 11:15 AM**. For a detailed concept note of the program, please scan the QR code below. The nominee's practical experience and insights into emergency response would be invaluable to our participants.

3. We kindly request you to provide the name and contact details of your nominated resource person at your earliest convenience. For any coordination, please contact Sh. Shiv Narayan Sidh at [shivsidh.nidm@nic.in](mailto:shivsidh.nidm@nic.in) or contact Ms. Atisha Sood at Mob. No. +91 9805513998.

With warm regards,

Yours sincerely,

  
(Col. Manoram Yadav, SM)

To,

Shri Piyush Anand, IPS  
The Director General  
National Disaster Response Force (NDRF)  
Directorate General, NDRF, 6<sup>th</sup> Floor, NDCC-II Building,  
Jai Singh Road, New Delhi - 110001



आपदा प्रबंधन महाविचार: पूरा भारत भागीदार



सत्यमेव जयते

# 2<sup>nd</sup> Comprehensive Course on DISASTER RISK MANAGEMENT

Two-week Residential Course

Date:

18 - 29 August, 2025

Venue:

**NIDM HQ, Delhi**

**National Institute of Disaster Management (NIDM)**  
**Ministry of Home Affairs, Government of India**  
**Plot No. 15, Pocket-3, Block-B,**  
**Sector-29, Rohini, Delhi – 110042**

<https://nidm.gov.in>



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**Concept Note on****2<sup>nd</sup> Comprehensive Course on Disaster Risk Management****Date: 18 August - 29 August, 2025****Venue: NIDM HQ Delhi****1. Introduction**

India's unique geography and large population make it highly vulnerable to disasters. In recent decades, the frequency and intensity of both natural and anthropogenic disasters have significantly increased, posing critical threats to human life, infrastructure, and the environment. The country remains susceptible to many hazards, including floods, cyclones, earthquakes, droughts, landslides, and industrial accidents. This necessitates a strengthened focus on disaster preparedness, mitigation, response, and recovery across all sectors.

This increasing trend aligns with global assessments, such as the UN Office for Disaster Risk Reduction's (UNDRR) Global Assessment Report (GAR) 2025: *Resilience Pays: Financing and Investing for our Future*. This flagship report highlights the escalating frequency and intensity of major hazards worldwide, noting that direct disaster costs have grown to approximately \$202 billion annually, with true costs (including cascading and ecosystem impacts) exceeding \$2.3 trillion annually. It underscores the urgent need to transform how disaster risk is addressed amidst a rapidly changing climate (UNDRR, GAR 2025).

Climate change is significantly amplifying the frequency and severity of disasters in India, increasing the country's vulnerability to extreme weather events. Rising temperatures have led to more frequent heat waves, erratic monsoon patterns, and intense rainfall, resulting in urban flooding in major cities. Coastal regions are witnessing rising sea levels and more intensified cyclones due to warming oceans, leading to erosion, displacement, and infrastructure loss. In the Himalayas, rapid glacial melting is triggering flash floods, landslides, and glacial lake outburst floods (GLOFs), while increasingly frequent forest fires pose significant environmental and social risks across various regions. Agriculture is at risk from unseasonal rains and prolonged droughts, impacting food security and livelihoods. Additionally, the health of vulnerable populations is at risk due to a rise in vector-borne diseases and other climate-sensitive health events. These changes demand urgent adoption of climate- and disaster-resilient strategies, including early warning systems, adaptive infrastructure, and community preparedness.

According to official data from national authorities, 27 of India's 36 States and Union Territories are identified as disaster-prone. Furthermore, approximately 58.6% of India's landmass is susceptible to earthquakes, 12% is vulnerable to floods, and 5,700 km of the country's 7,516 km coastline is prone to cyclones and tsunamis. Additionally, 68% of cultivable land is drought-prone, and about 15% of the land area (primarily in hilly regions) is at risk of landslides. Over the past two and a half decades (2000–2025), India has faced numerous major disasters, resulting in significant loss of lives, economic losses, and infrastructure damages (NDMA & MHA official reports).

**Table 1. Overview of Major Disaster Types and their Impacts in India (2000–2025)**

Disaster Type	Average Annual Incidence/ Area Prone	Key Impacts (Illustrative Examples)	Recent Trends/Key Considerations (2000-2025)
<b>Earthquakes</b>	58.6% of landmass in seismic zones II-V	Structural collapses, fatalities, injuries, landslides, infrastructure damage (roads, bridges), economic disruption.	Increased awareness post-Bhuj (2001); focus on seismic retrofitting, early warning development (e.g., Uttarakhand), and stricter building codes in vulnerable zones.
<b>Floods (Riverine, Flash, Urban)</b>	12% of landmass vulnerable	Displacement, fatalities, crop destruction, damage to infrastructure, waterborne diseases, disruption of livelihoods.	Increasing frequency and intensity of flash floods and urban flooding due to extreme rainfall events (e.g., Chennai 2015, Kerala 2018, Delhi 2023), exacerbated by unplanned urbanization and climate change.
<b>Cyclones/ Storms</b>	5,700 km of coastline vulnerable	Wind damage, storm surge, heavy rainfall, coastal erosion, power outages, damage to housing and agriculture,	More rapid intensification of cyclones (e.g., Fani, Amphan, Biparjoy) due to warmer ocean temperatures; improved early warning systems and evacuation efforts reducing fatalities but economic losses

		displacement.	remain high.
<b>Droughts</b>	68% of cultivable land drought-prone	Crop failure, water scarcity, livestock deaths, food insecurity, migration, economic distress, increased farmer suicides.	Recurring droughts (e.g., 2002, 2015-16, 2018-19, 2023) impacting large agricultural areas; emphasis on water conservation, climate-resilient agriculture, and drought-resistant crops.
<b>Heatwaves</b>	Affects large parts of central, northern, and western India annually	Heatstroke, dehydration, increased mortality (especially among vulnerable populations), agricultural stress, increased energy demand, forest fires.	Significant increase in frequency, duration, and intensity of heatwaves (e.g., 2022, 2023-24) linked to climate change, leading to public health emergencies and impacts on labor productivity.
<b>Landslides</b>	~15% of hilly regions	Road blockages, destruction of homes, fatalities, disruption of communication and transport, altered river courses, GLOFs.	Frequent occurrences in Himalayan regions (e.g., Uttarakhand, Himachal Pradesh, Sikkim) and Western Ghats; exacerbated by heavy rainfall, deforestation, and unscientific construction practices.
<b>Forest Fires</b>	Widespread forest fires across regions (e.g., Uttarakhand, Odisha, MP)	Air pollution, biodiversity loss, destruction of forest resources, impact on livelihoods, exacerbation of climate change.	Growing problem, often linked to prolonged dry spells and human activity; challenges in rapid detection and control.

<b>Industrial/ Chemical Accidents</b>	Concentrated in industrial belts	Explosions, toxic gas leaks, environmental contamination, fatalities, long-term health effects.	Ongoing risk (e.g., Vizag gas leak 2020) requiring robust safety regulations, emergency preparedness plans, and regular drills.
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The growing complexity and multi-disciplinary nature of disaster risk demand a highly skilled cadre of professionals capable of implementing holistic DRR strategies. It is in this context that this Concept Note proposes the 2<sup>nd</sup> Comprehensive Course on Disaster Risk Management, aiming to build advanced capacities among key stakeholders to navigate and mitigate the multifaceted challenges posed by current and future disaster scenarios.

## 2. Rationale

The rising frequency and severity of disasters, both natural and anthropogenic hazards, climate change, rapid urbanization, and environmental degradation have made communities more vulnerable and there is a need for a greater focus on disaster preparedness and mitigation. Traditionally, the approach to disasters was reactive, focusing primarily on relief and rehabilitation. However, contemporary Disaster Risk Management emphasizes a proactive risk reduction, requiring trained officers to assess vulnerabilities, implement early warning systems, and educate communities to build resilience.

Moreover, managing disasters has become a complex and multidisciplinary task, involving coordination across sectors such as health, infrastructure, and the environment, as well as the use of advanced technology such as GIS and remote sensing etc. Many regions, especially in developing countries, lack sufficient human resources to effectively carry out these tasks, leading to gaps in preparedness and response. Additionally, global commitments like the Sendai Framework for DRR and the Sustainable Development Goals underscore the importance of strengthening institutional capacities. The trained cadre of professionals plays a critical role not only during emergencies but also in long-term recovery and development, ensuring that affected areas can rebuild in a safer and more sustainable manner. Considering these aspects, NIDM is proposing to organize a two-week **“2<sup>nd</sup> Comprehensive Course on Disaster Risk Management”** at NIDM, Delhi.

## 3. Aim of the Course

The overarching aim of the “2<sup>nd</sup> Comprehensive Course on Disaster Risk Management” is to enhance the knowledge, skills, and capacities of disaster management professionals and

stakeholders to effectively understand, assess, plan for, respond to, and recover from diverse disaster events. The course seeks to foster a proactive and holistic approach to Disaster Risk Reduction (DRR) and climate change adaptation, promoting resilience building at all levels of governance and community engagement, in line with national and global frameworks.

## 4. Learning Objectives

By the end of this course, participants will be able to:

- **Master Foundational DRR Principles & Frameworks:** Comprehend the core concepts of Disaster Risk Reduction (DRR), analyze global and national policy frameworks, and understand the institutional landscape governing disaster management.
- **Conduct Holistic Risk Assessment & Proactive Planning:** Apply methodologies for comprehensive Hazard, Risk, Vulnerability, and Capacity Assessments (HRVCA) across diverse hazards, and formulate robust preparedness and mitigation strategies, including Early Warning Systems.
- **Lead Effective Disaster Response & Recovery:** Command principles of emergency response operations, coordination mechanisms, and immediate post-disaster assessment, while also planning for sustainable recovery, rehabilitation, and reconstruction with a "Build Back Better" approach.
- **Integrate Climate Change Adaptation & Risk Financing:** Analyze the amplified risks due to climate change, apply adaptation strategies, and understand the role of risk financing and disaster insurance in building long-term resilience.
- **Champion Mainstreaming & Inclusive DRR Practices:** Integrate DRR into broader development planning and policy, foster gender-sensitive and inclusive approaches, leverage technology for effective disaster management, and apply acquired knowledge to address real-world challenges.

## 5. Target Group

The "2<sup>nd</sup> Comprehensive Course on Disaster Risk Management" is primarily designed for mid to senior-level professionals and practitioners actively involved in various facets of disaster management and related fields. This includes government officials from SDMAs, DDMAs, allied ministries; personnel from emergency response forces (e.g., NDRF, SDRF); a few selected academics; and representatives from Non-Governmental Organizations (NGOs) and UN agencies. The course aims to foster multidisciplinary capacity and collaborative approaches among diverse stakeholders committed to strengthen disaster preparedness, response, recovery, and overall resilience.

## 6. Methodology

The "2nd Comprehensive Course on Disaster Risk Management" will employ a highly interactive, participatory, and blended learning methodology designed to facilitate deep understanding, practical application, and peer-to-peer learning. The pedagogical approach will be a judicious mix of theoretical exposition and practical exercises, ensuring that participants gain both conceptual clarity and actionable skills. Key methodologies include:

- **Interactive Lectures & Presentations:** Engaging sessions delivered by renowned subject matter experts, policymakers, and practitioners from national and international organizations.
- **Case Study Analysis:** In-depth examination of national and international disaster events and DRR initiatives to draw critical lessons learned and best practices.
- **Group Discussions & Brainstorming:** Facilitated sessions encouraging participants to share experiences, perspectives, and collaboratively address complex DRR challenges.
- **Practical Exercises & Workshops:** Hands-on sessions, including applications of geospatial technologies (GIS/RS), data analysis, mock drill planning, and simulation exercises, to build specific technical and operational skills.
- **Field/Exposure Visit:** A structured visit to a relevant disaster management facility, such as an Emergency Operations Centre (EOC), a Disaster Response Force Unit, or a vulnerable community, to provide real-world insights into operations and challenges.
- **Expert & Guest Sessions:** Interactions with leading national and international experts, policymakers, and affected community representatives to gain diverse insights and perspectives.
- **Experience Sharing:** Dedicated slots for participants to present their experiences, challenges, and innovative practices from their respective regions/organizations.
- **Audio-Visual Aids & Multimedia:** Use of documentaries, videos, and other multimedia resources to enhance learning and illustrate concepts.
- **Capstone Group Project:** Participants will work in groups on a real-world DRR challenge, applying course learnings to develop a comprehensive plan or solution, culminating in presentations and peer feedback.
- **Participatory Approach:** Emphasis on active participant engagement, critical thinking, problem-solving, and collaborative learning throughout the course.

## 7. Structure of the Training Module

The "2nd Comprehensive Course on Disaster Risk Management" is meticulously structured into a modular format to ensure a comprehensive and progressive learning experience. The training spans two weeks (10 working days) and is organized into ten distinct modules. Each module is designed to cover specific thematic areas of disaster risk management, moving systematically through the entire disaster management cycle and integrating crucial cross-cutting issues. This structure facilitates a deep dive into foundational concepts, practical applications, policy frameworks, and real-world challenges, culminating in a capstone project for hands-on experience. The training methodology emphasizes interactive sessions, case studies, workshops, and a dedicated field visit to maximize learning outcomes.

The detailed breakdown of modules, their scope, and individual sessions is presented in the matrix below:

**Table 2. Comprehensive Course Module Matrix: Disaster Risk Management**

Module Name	Inclusions / Scope	Sessions
<b>Module 0: Orientation &amp; Course Framework</b>	Introduction to the course, expectation setting, pre-assessment, ice-breaking, and comprehensive overview of the Disaster Management Cycle and course methodology.	<b>Session 1:</b> Course Inauguration, Orientation, Pre-Assessment & Conceptual Overview of DRR Cycle
<b>Module 1: Foundations of Disaster Risk Reduction (DRR)</b>	Core concepts of DRR, hazard, vulnerability, capacity, risk, resilience. Evolution of disaster management paradigms (from relief to risk reduction). Introduction to global and national DRR frameworks.	<b>Session 2:</b> Key Concepts in DRR: Hazard, Vulnerability, Capacity, Risk & Resilience <b>Session 3:</b> Evolution of Disaster Management Paradigm & Global Frameworks <b>Session 4:</b> Group Activity: Analyzing DRR Frameworks through Case Studies

<b>Module 2:</b> <b>Institutional &amp; Policy Landscape for DRR</b>	<p>Detailed exploration of international, national (NDMA, SDMAs, NDMP), and local institutional frameworks. Legal and policy instruments, roles and responsibilities of various stakeholders (government, civil society, private sector, self-help groups, etc.).</p>	<p><b>Session 5:</b> International &amp; Regional Cooperation in DRR  <b>Session 6:</b> India's National DRR Framework: Act, Policy &amp; Plan  <b>Session 7:</b> Role of State &amp; Local Institutions in DRR Governance &amp; Policy, and Implementation Challenges (Case Study)</p>
<b>Module 3:</b> <b>Hazard, Risk, Vulnerability &amp; Capacity Assessment (HRVCA)</b>	<p>Methodologies for assessing multi-hazards, including the "Big Five" (Earthquakes, Floods, Storms, Droughts, Heatwaves). Techniques for vulnerability and capacity assessment. Introduction to GIS, Remote Sensing, and other technological tools for HRVCA.</p>	<p><b>Session 8:</b> Understanding Multi-Hazards: Characteristics &amp; Impacts (<i>Big Five Focus - GAR 2025</i>)  <b>Session 9:</b> Vulnerability &amp; Capacity Assessment Methodologies  <b>Session 10:</b> <u>Workshop:</u> Application of Geospatial Technologies (GIS/RS) in HRVCA  <b>Session 11:</b> Data Analysis &amp; Interpretation for Risk Profiling &amp; Group Exercise</p>
<b>Module 4:</b> <b>Disaster Preparedness &amp; Mitigation Strategies</b>	<p>Comprehensive coverage of pre-disaster measures: Early Warning Systems (EWS) for various hazards, structural and non-structural mitigation, infrastructure resilience, community-based preparedness, public awareness, and education.</p>	<p><b>Session 12:</b> Principles &amp; Types of Early Warning Systems  <b>Session 13:</b> Structural &amp; Non-Structural Mitigation Measures  <b>Session 14:</b> Community-Based Disaster Preparedness (CBDRM) &amp; Mock Drill Planning Session  <b>Session 15:</b> Disaster Education &amp; Public Awareness Campaigns</p>

<b>Module 5:</b> <b>Disaster Response Operations &amp; Field Visit</b>	<p>Principles of emergency response, Incident Response System (IRS), coordination mechanisms (EOCs), search and rescue (SAR), rapid damage and needs assessment (RDANA), emergency communication, logistics, and practical field exposure.</p>	<p><b>Session 16:</b> Principles of Emergency Response &amp; IRS</p> <p><b>Session 17:</b> Emergency Operations Centres (EOCs) &amp; Coordination</p> <p><b>Session 18:</b> Cardiopulmonary Resuscitation (CPR) Basics &amp; Demonstration</p> <p><b>Session 19:</b> Field Visit: Exposure to EOC / Disaster Response Force Unit / Relevant Site</p> <p><b>Session 20:</b> Search &amp; Rescue (SAR) Basics &amp; Techniques &amp; <i>Practical Demonstration</i></p> <p><b>Session 21:</b> Rapid Damage &amp; Needs Assessment (RDANA) &amp; <i>Simulation Exercise</i></p>
<b>Module 6:</b> <b>Disaster Recovery &amp; Reconstruction</b>	<p>Principles of post-disaster recovery, rehabilitation, and reconstruction. Focus on "Build Back Better" (BBB) approaches, livelihood restoration, psychosocial support, and long-term sustainable development.</p>	<p><b>Session 22:</b> Principles of Post-Disaster Recovery &amp; Rehabilitation</p> <p><b>Session 23:</b> "Build Back Better" (BBB) Frameworks &amp; <i>Case Studies Analysis</i></p> <p><b>Session 24:</b> Livelihoods Restoration &amp; Psychosocial Support in Recovery</p>
<b>Module 7:</b> <b>Climate Change Adaptation &amp; Resilience Building</b>	<p>Understanding climate change impacts on disaster risk. Strategies for climate change adaptation (CCA), including Nature-Based Solutions (NbS). Concepts of risk financing, disaster insurance, and innovative funding mechanisms for resilience.</p>	<p><b>Session 25:</b> Climate Change and its repercussions as Amplification of Disaster Risks</p> <p><b>Session 26:</b> Climate Change Adaptation (CCA) Strategies &amp; Nature-Based Solutions (NbS)</p> <p><b>Session 27:</b> Risk Financing, Disaster Insurance &amp; Innovative Funding for Resilience &amp; <i>Group Discussion</i></p>

<b>Module 8:</b> <b>Cross-Cutting Issues &amp; Mainstreaming DRR</b>	Integration of DRR into development planning, gender and inclusive approaches in DRR, role of technology and innovation, and mainstreaming DRR into higher education curricula and institutional policies.	<b>Session 28:</b> Gender & Inclusion in DRR <b>Session 29:</b> DRR in Development Planning & SDGs: <i>Mainstreaming Strategies Workshop</i> <b>Session 30:</b> Stress Management in Post-Disaster Scenarios <b>Session 31:</b> Role of Technology & Innovation in DRR <b>Session 32:</b> Mainstreaming DRR into Higher Education & Institutional Policy <b>Session 33:</b> Intangible Cultural Heritage & DRR
<b>Module 9:</b> <b>Capstone Project &amp; Synthesis</b>	Participants will work on a comprehensive project applying course learnings to a real-world DRR challenge. Project presentations, peer feedback, course synthesis, and post-training evaluation.	<b>Session 34:</b> Capstone Project: Guided Plan Development ( <i>Group Work</i> ) <b>Session 35:</b> Capstone Project Presentations & Peer Feedback <b>Session 36:</b> Course Synthesis: Key Takeaways & Future Directions <b>Session 37:</b> Post-Training Evaluation & Feedback Session
<b>Module 10:</b> <b>Valedictory</b>	Formal closing ceremony, addresses by dignitaries, certificate distribution, and networking.	<b>Session 38:</b> Valedictory Ceremony & Certificate Distribution

## 8. Expected Outcomes

The "2<sup>nd</sup> Comprehensive Course on Disaster Risk Management" is expected to yield significant and tangible outcomes, strengthening individual capabilities and the broader disaster management ecosystem. Specifically, the course aims to:

- **Elevate DRR Expertise:** Enhance participants' knowledge, analytical skills, and practical capabilities across all phases of the disaster management cycle, enabling more effective planning, response, and recovery.
- **Strengthen Collaborative Action:** Foster improved inter-agency coordination and promote integrated, inclusive approaches among diverse stakeholders (government, NGOs, private sector, academia) to build collective resilience.
- **Advance National & Global DRR Goals:** Contribute directly to building a more prepared and resilient India by equipping professionals to implement proactive risk reduction strategies and align with national priorities and international frameworks like the Sendai Framework and SDGs.

## 9. Cultural Evening

To enrich the learning experience and foster camaraderie among participants from diverse backgrounds, a dedicated Cultural Evening will be organized. This event will provide an informal platform for participants to interact, network, and showcase the rich cultural diversity of their respective regions. It aims to build stronger interpersonal bonds, promote cross-cultural understanding, and create a more relaxed and engaging environment that complements the rigorous academic sessions of the course. The evening may include cultural performances, traditional music, and an opportunity for participants to share aspects of their local heritage.

## 10. Registration Details

- **Online Pre-registration:** The participants/ concerned organizations may fill up the Google Form via this weblink: <https://forms.gle/rb8cSCskscC5vTMp9> or scan QR code for sharing their nominations.
- **Confirmation:** The confirmation to attend the programme will be shared via email. Only confirmed participants will be permitted to attend the course.
- **Offline Registration:** For confirmed participants, in-person registration will take place on Day 1, Monday 18 August, 2025, from 9:15 AM at the venue.



## 11. Boarding and Lodging

All participants are required to register through the QR code provided in the concept note. There is no course fee; incomplete registration forms will be rejected. Once the completed nomination form is submitted, confirmation will be communicated via email. Lodging and boarding for the selected candidates will be arranged at the NIDM Rohini Guest House. No TA/DA will be provided by the host institution.

**Note: Please don't proceed to join the course without the confirmation mail.**

## 12. Conclusion

The escalating frequency, intensity, and complexity of disasters, exacerbated by climate change, underscore the urgent need for robust and dynamic disaster risk management capabilities. The "2<sup>nd</sup> Comprehensive Course on Disaster Risk Management" is designed as a critical intervention to meet this imperative. By offering a meticulously structured curriculum, incorporating international best practices, and employing highly interactive and practical methodologies, the course aims to cultivate a new generation of empowered DRR professionals. This initiative is pivotal in strengthening India's resilience against current and future disaster challenges, ensuring that communities are better prepared, lives are safeguarded, and sustainable development gains are protected. The successful execution of this course will be a significant step towards building a safer, more resilient India in line with national priorities and global commitments.

## 13. Organizing Team

<b>Patron</b>	<b>Shri Safi Ahsan Rizvi, IPS, Executive Director, NIDM</b>
<b>Course Coordinators</b>	<b>Sh. Shiv Narayan Sidh, Head EDRM II &amp; Assistant Professor, NIDM</b> <b>Dr. Pankaj Kumar, Assistant Professor, NIDM</b>
<b>Course Team</b>	<b>Ms. Atisha Sood, Consultant, NIDM</b> <b>Dr. Kundan Deval, Consultant, NIDM</b> <b>Dr. Somashree Das, Project Scientist, NIDM</b> <b>Dr. Subhajit Shaw, Project Consultant, NIDM</b>

### 13. Tentative Schedule

Time	Session Title	Andragogy	Speaker(s) / Facilitator(s)	Suggested Reading Link
<b>Day 1: Monday, 18 August 2025</b>				
09:30 - 10:00	Participant Registration		NIDM Team	
<b>Inaugural Session</b>				
10:00 - 11:30	Welcome Address		Sh. Safi Ahsan Rizvi, Executive Director, NIDM	
	Keynote Address		Sh. Rajendra Singh, HOD & Member, NDMA	
	Special Address*			
11:30 - 12:00	<b>Tea Break</b>			
12:00 - 12:45	<b>Leadership in Disaster Management</b>	Lecture, Case Examples	Sh. Rajendra Singh, HOD & Member, NDMA	<a href="https://onlinelibrary.wiley.com/doi/e/pdf/10.1111/j.1540-6210.2006.00673.x">https://onlinelibrary.wiley.com/doi/e/pdf/10.1111/j.1540-6210.2006.00673.x</a> <a href="https://pmc.ncbi.nlm.nih.gov/articles/PMC7198209/">https://pmc.ncbi.nlm.nih.gov/articles/PMC7198209/</a> <a href="https://www.sciencedirect.com/science/article/pii/S2212096322000110">https://www.sciencedirect.com/science/article/pii/S2212096322000110</a>
<b>Module 0: Orientation &amp; Course Framework</b>				

12:45 - 13:15	<b>Session 1: Course Orientation, Pre-Assessment &amp; Conceptual Overview of DRR Cycle</b>	Interactive Presentation, Expectations Mapping, Pre-Assessment	Dr. Pankaj Kumar, NIDM	<a href="https://www.undrr.org/drr-glossary">https://www.undrr.org/drr-glossary</a> <a href="https://www.sciencedirect.com/science/article/pii/S2212420919301268">https://www.sciencedirect.com/science/article/pii/S2212420919301268</a>
13:15 - 14:00	<b>Lunch Break</b>			
<b>Module 1: Foundations of Disaster Risk Reduction (DRR)</b>				
14:00 - 15:15	<b>Session 2: Key Concepts in DRR: Hazard, Vulnerability, Capacity, Risk &amp; Resilience</b>	Interactive Lecture, Group Discussion	Sh. Shiv Narayan Sidh, NIDM	<a href="https://www.undrr.org/drr-glossary/terminology">https://www.undrr.org/drr-glossary/terminology</a> <a href="https://onlinelibrary.wiley.com/doi/full/10.1111/j.1539-6924.2010.01528.x?casa_token=BNsdFzz1Ga8AAAAA%3A8fzeQNdJRM4XRH5yH2LZgc3gSjvMoRRmyL9L-2JhGbx3ZwdxQoE0p3obkzeTa7bXXrsLWFrQ0HBqflpK">https://onlinelibrary.wiley.com/doi/full/10.1111/j.1539-6924.2010.01528.x?casa_token=BNsdFzz1Ga8AAAAA%3A8fzeQNdJRM4XRH5yH2LZgc3gSjvMoRRmyL9L-2JhGbx3ZwdxQoE0p3obkzeTa7bXXrsLWFrQ0HBqflpK</a>
15:15 - 15:45	<b>Tea Break</b>			
15:45 - 17:00	<b>Session 3: Evolution of Disaster Management Paradigm &amp; Global Frameworks</b>	Lecture, Case Examples, Interactive Q&A	Sh. Krishna Vatsa, Member NDMA*	<a href="https://www.undrr.org/our-work/history">https://www.undrr.org/our-work/history</a> <a href="https://www.preventionweb.net/hubs/walk-through-history-disaster-risk-reduction">https://www.preventionweb.net/hubs/walk-through-history-disaster-risk-reduction</a>
17:00 - 17:30	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinator, Rapporteur	-

Day 2: Tuesday, 19 August 2025				
09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of Day 1, overview of Day 2 objectives	Course Coordinator	
10:00 - 11:15	<b>Session 4: Group Activity: Analyzing DRR Frameworks through Case Studies</b>	Group Work, Presentation, Facilitated Discussion	Dr. Pankaj Kumar, NIDM	<a href="https://www.unesco.org/en/disaster-risk-reduction/frameworks">https://www.unesco.org/en/disaster-risk-reduction/frameworks</a> <a href="https://www.undrr.org/implementing-sendai-framework/what-sendai-framework">https://www.undrr.org/implementing-sendai-framework/what-sendai-framework</a> <a href="https://ndmindia.mha.gov.in/ndmi/global-frameworks-for-drr">https://ndmindia.mha.gov.in/ndmi/global-frameworks-for-drr</a>
11:15 - 11:45	<b>Tea Break</b>			
Module 2: Institutional & Policy Landscape for DRR				
11:45 - 13:00	<b>Session 5: International &amp; Regional Cooperation in DRR</b>	Interactive Lecture, Examples	Dr. Animesh Kumar, UNDRR*	<a href="https://www.undrr.org/media/74265/download?startDownload=20250728">https://www.undrr.org/media/74265/download?startDownload=20250728</a> <a href="https://www.pib.gov.in/PressReleasePage.aspx?PRID=1556471">https://www.pib.gov.in/PressReleasePage.aspx?PRID=1556471</a> <a href="https://www.sciencedirect.com/science/article/pii/S2590061720300351">https://www.sciencedirect.com/science/article/pii/S2590061720300351</a>
13:00 - 14:00	<b>Lunch Break</b>			

14:00 - 15:15	<b>Session 6: India's National DRR Framework: Act, Policy &amp; Plan</b>	Presentation, Q&A	Sh. Rohit Kumar, NIDM	<a href="https://ndma.gov.in/sites/default/files/PDF/ndmp-2019.pdf">https://ndma.gov.in/sites/default/files/PDF/ndmp-2019.pdf</a> <a href="https://www.sciencedirect.com/science/article/pii/S2212420921003897">https://www.sciencedirect.com/science/article/pii/S2212420921003897</a>
15:15 - 15:45	<b>Tea Break</b>			
15:45 - 17:00	<b>Session 7: Role of State &amp; Local Institutions in DRR Governance &amp; Policy, and Implementation Challenges (Case Study)</b>	Lecture, Case Study Discussion	Sh. Shekher Chaturvedi, NIDM	<a href="https://give2asia.org/the-role-of-local-ngos-in-disaster-risk-reduction/">https://give2asia.org/the-role-of-local-ngos-in-disaster-risk-reduction/</a> <a href="https://www.gfdrr.org/sites/default/files/publication/Engaging%20Local%20Actors%20in%20Disaster%20Recovery%20Frameworks%20-%20Final.pdf">https://www.gfdrr.org/sites/default/files/publication/Engaging%20Local%20Actors%20in%20Disaster%20Recovery%20Frameworks%20-%20Final.pdf</a> <a href="https://www.sciencedirect.com/science/article/abs/pii/S2212420925001153">https://www.sciencedirect.com/science/article/abs/pii/S2212420925001153</a>
17:00 - 17:30	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinator, Rapporteur	
<b>Day 3: Wednesday, 20 August 2025</b>				
09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of Day 2, overview of Day 3 objectives	Course Coordinator	

Module 3: Hazard, Risk, Vulnerability & Capacity Assessment (HRVCA)				
10:00 - 11:15	<b>Session 8:</b> <b>Understanding Multi-Hazards: Characteristics &amp; Impacts (Big Five Focus - GAR 2025)</b>	Interactive Lecture, A/V Aids	Sh. Shiv Narayan Sidh, NIDM	<a href="https://www.sciencedirect.com/science/article/pii/S2212420922000486">https://www.sciencedirect.com/science/article/pii/S2212420922000486</a> <a href="https://www.undrr.org/gar/gar2025#download?utm_source=publication&amp;utm_medium=pdf&amp;utm_campaign=GAR2025">https://www.undrr.org/gar/gar2025#download?utm_source=publication&amp;utm_medium=pdf&amp;utm_campaign=GAR2025</a>
11:15 - 11:45	<b>Tea Break</b>			
11:45 - 13:00	<b>Session 9:</b> <b>Vulnerability &amp; Capacity Assessment Methodologies: Case Study</b>	Lecture, Practical Examples, Brainstorming	Dr. Arkaprabha Sarkar, NIDM	<a href="https://link.springer.com/article/10.1007/s10584-016-1642-0">https://link.springer.com/article/10.1007/s10584-016-1642-0</a> <a href="https://www.preventionweb.net/publication/what-vca-introduction-vulnerability-and-capacity-assessment">https://www.preventionweb.net/publication/what-vca-introduction-vulnerability-and-capacity-assessment</a>
13:00 - 14:00	<b>Lunch Break</b>			
14:00 - 15:15	<b>Session 10:</b> <b>Workshop: Application of Geospatial Technologies (GIS/RS) in HRVCA</b>	Hands-on Workshop, Software Demo	Dr. Gagandeep Singh, NIDM	<a href="https://www.undrr.org/publication/use-geospatial-data-implementing-ndra">https://www.undrr.org/publication/use-geospatial-data-implementing-ndra</a> <a href="https://www.innovationnewsnetwork.com/how-geospatial-technologies">https://www.innovationnewsnetwork.com/how-geospatial-technologies</a>

				<a href="https://aid-in-effective-disaster-management/38841/">https://aid-in-effective-disaster-management/38841/</a>
15:15 - 15:45	<b>Tea Break</b>			
15:45 - 17:00	<b><i>Session 11: Data Analysis &amp; Interpretation for Risk Profiling &amp; Group Exercise</i></b>	Practical Exercise, Group Work, Presentation	CDRI*	<a href="https://www.gfdrr.org/en/disaster-risk-profiles">https://www.gfdrr.org/en/disaster-risk-profiles</a> <a href="https://PMC4807925/">https://PMC4807925/</a> <a href="https://www.worldbank.org/en/news/feature/2021/06/14/taking-the-risk-out-of-using-disaster-risk-profiles">https://www.worldbank.org/en/news/feature/2021/06/14/taking-the-risk-out-of-using-disaster-risk-profiles</a>
17:00 - 17:30	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinator, Rapporteur	
<b>Day 4: Thursday, 21 August 2025</b>				
09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of Day 3, overview of Day 4 objectives	Course Coordinator	
<b>Module 4: Disaster Preparedness &amp; Mitigation Strategies</b>				

10:00 - 11:15	<b><i>Session 12: Principles &amp; Types of Early Warning Systems</i></b>	Interactive Lecture, Case Studies, Panel Discussion	Dr. Pankaj Kumar, NIDM IMD Expert*	<a href="https://preparecenter.org/topic/early-warning-systems/">https://preparecenter.org/topic/early-warning-systems/</a> <a href="https://www.undrr.org/terminology/early-warning-system">https://www.undrr.org/terminology/early-warning-system</a> <a href="https://link.springer.com/chapter/10.1007/978-3-030-98989-7_2">https://link.springer.com/chapter/10.1007/978-3-030-98989-7_2</a>
11:15 - 11:45	<b>Tea Break</b>			
11:45 - 13:00	<b><i>Session 13: Structural &amp; Non-Structural Mitigation Measures</i></b>	Lecture, Best Practices, Examples	Dr. Amir Ali Khan, NIDM	<a href="https://www.iitk.ac.in/nicee/IITK-GSDMA/NSE_002_31May2013.pdf">https://www.iitk.ac.in/nicee/IITK-GSDMA/NSE_002_31May2013.pdf</a> <a href="https://www.undrr.org/terminology/structural-and-non-structural-measures">https://www.undrr.org/terminology/structural-and-non-structural-measures</a> <a href="https://dccentral.delhi.gov.in/sites/default/files/generic_multiple_files/prevention_and_mitigation_measures.pdf">https://dccentral.delhi.gov.in/sites/default/files/generic_multiple_files/prevention_and_mitigation_measures.pdf</a>
13:00 - 14:00	<b>Lunch Break</b>			
14:00 - 15:15	<b><i>Session 14: Community-Based Disaster Preparedness (CBDRM) &amp; Mock Drill Planning Session</i></b>	Interactive Discussion, Group Exercise, Planning Session	Dr. Sushma Guleria, NIDM	<a href="https://ndma.gov.mv/en/community-based-disaster-risk-management-cbdrm">https://ndma.gov.mv/en/community-based-disaster-risk-management-cbdrm</a> <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/CBDRR_Guidelines_Oct_2024.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/CBDRR_Guidelines_Oct_2024.pdf</a>

				<a href="https://www.preventionweb.net/news/following-odisha-example-developing-community-based-disaster-management-india">https://www.preventionweb.net/news/following-odisha-example-developing-community-based-disaster-management-india</a>
15:15 - 15:45	<b>Tea Break</b>			
15:45 - 17:00	<b>Session 15: Disaster Education &amp; Public Awareness Campaigns</b>	Presentation, Case Studies, Group Work	Dr. Rajib Dasgupta, JNU	<a href="https://www.ifrc.org/our-work/disasters-climate-and-crises/climate-smart-disaster-risk-reduction/PAPE">https://www.ifrc.org/our-work/disasters-climate-and-crises/climate-smart-disaster-risk-reduction/PAPE</a> <a href="https://www.preventionweb.net/files/61592_papekeymessagestooleng2018.pdf">https://www.preventionweb.net/files/61592_papekeymessagestooleng2018.pdf</a>
17:00 - 17:30	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinator, Rapporteur	
<b>Day 5: Friday, 22 August 2025</b>				
09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of Day 4, overview of Day 5 objectives	Course Coordinator	
<b>Module 5: Disaster Response Operations</b>				
10:00 - 11:15	<b>Session 16: Principles of Emergency Response &amp; Incident Response System (IRS)</b>	Interactive Lecture, Flowcharts, Case Studies, Role-playing	NDRF Official* Sh. Shekher Chaturvedi, NIDM	<a href="https://ndma.gov.in/Capacity_Building/Ops_Comm/IRS">https://ndma.gov.in/Capacity_Building/Ops_Comm/IRS</a> <a href="https://nidm.gov.in/PDF/modules/irs-1.pdf">https://nidm.gov.in/PDF/modules/irs-1.pdf</a>

<b>11:15 - 11:45</b>	<b>Tea Break</b>			
<b>11:45 - 13:00</b>	<b><i>Session 17: Emergency Operations Centres (EOCs) &amp; Coordination</i></b>	Presentation, EOC Best Practices, Discussion	DIG, ICRER*	<a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/EOC_Guidelines_Oct_2024.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/EOC_Guidelines_Oct_2024.pdf</a> <a href="https://emergency.ucmerced.edu/emergency-operations-center">https://emergency.ucmerced.edu/emergency-operations-center</a>
<b>13:00 - 14:00</b>	<b>Lunch</b>			
<b>14:00 - 17:00</b>	<b><i>Session 18: Cardiopulmonary Resuscitation (CPR) Basics &amp; Demonstration</i></b>	Live Demonstration	Dr. Amit Murari, CMO (SG), NDRF	<a href="https://emedicine.medscape.com/article/1344081-overview">https://emedicine.medscape.com/article/1344081-overview</a> <a href="https://www.healthdirect.gov.au/how-to-perform-cpr">https://www.healthdirect.gov.au/how-to-perform-cpr</a> <a href="https://www.ahajournals.org/doi/full/10.1161/CIRCULATIONAHA.106.610907">https://www.ahajournals.org/doi/full/10.1161/CIRCULATIONAHA.106.610907</a>
<b>Day 6: Saturday, 23 August 2025</b>				
<b>Field Visit</b>				
<b>09:30 - 17:30</b>	<b><i>Session 19: Field Visit: Exposure to MHA EOC Room</i></b>	Practical Exposure, Guided Tour, Q&A, On-site Briefing	MHA EOC Officials, NIDM Faculty, Logistics Team	
<b>Day 7: Monday, 25 August 2025</b>				

09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of previous week, overview of Day 7 objectives	Course Coordinator	-
<b>Module 5: Disaster Response Operations (Contd.)</b>				
10:00 - 11:00	<b><i>Session 20: Search &amp; Rescue (SAR) Basics &amp; Techniques &amp; Practical Demonstration</i></b>	Lecture, Practical Demo (if feasible), Video	Sh. Randeep K. Rana, NIDM	<a href="https://www.mdpi.com/2072-4292/15/13/3266">https://www.mdpi.com/2072-4292/15/13/3266</a> <a href="https://saarc-sdmc.org/sites/default/files/programmes_doc_upload/SAR.pdf">https://saarc-sdmc.org/sites/default/files/programmes_doc_upload/SAR.pdf</a>
11:00 - 11:30	<b>Tea Break</b>			
11:30 - 12:30	<b><i>Session 21: Rapid Damage &amp; Needs Assessment (RDANA) &amp; Simulation Exercise</i></b>	Interactive Lecture, Simulation Exercise, Debrief	Sh. Sarbjit Singh Sahota, UNICEF*	<a href="https://nidm.gov.in/PDF/pubs/sop_pdna.pdf">https://nidm.gov.in/PDF/pubs/sop_pdna.pdf</a> <a href="https://openknowledge.worldbank.org/entities/publication/04642498-203f-57c6-a23f-57c66c84ff81">https://openknowledge.worldbank.org/entities/publication/04642498-203f-57c6-a23f-57c66c84ff81</a>
12:30 - 13:30	<b>Lunch Break</b>			
<b>Module 6: Disaster Recovery &amp; Reconstruction</b>				

13:30 – 14:30	<b><i>Session 22: Principles of Post-Disaster Recovery &amp; Rehabilitation</i></b>	Lecture, Case Studies	Sh. Vivek Cohelo*	<a href="https://www.preventionweb.net/files/32306_32306guametodolgicaparaprocisosdepl.pdf">https://www.preventionweb.net/files/32306_32306guametodolgicaparaprocisosdepl.pdf</a> <a href="https://www.undp.org/sites/g/files/zskgke326/files/publications/UNDP_Guidance_Note_Disaster%20Recovery_final.pdf">https://www.undp.org/sites/g/files/zskgke326/files/publications/UNDP_Guidance_Note_Disaster%20Recovery_final.pdf</a>
14:30 – 15:00	<b>Tea Break</b>			
15:00 – 16:00	<b><i>Session 23: "Build Back Better" (BBB) Frameworks &amp; Case Studies Analysis</i></b>	Interactive Lecture, Case Study Discussion	Sh. P K Jena*	<a href="https://www.unisdr.org/files/53213_bbb.pdf">https://www.unisdr.org/files/53213_bbb.pdf</a> <a href="https://g20drrwg.preventionweb.net/media/88883/download?startDownload=20250728">https://g20drrwg.preventionweb.net/media/88883/download?startDownload=20250728</a>
16:00 – 17:00	<b><i>Session 24: Livelihoods Restoration &amp; Psychosocial Support in Recovery</i></b>	Presentation, Community Examples, Group Discussion	Dr. C. P. Mohan	<a href="https://globalplatform.undrr.org/conference-event/ts4-restoring-livelihood-solutions-disaster-induced-displacement-and-resilient">https://globalplatform.undrr.org/conference-event/ts4-restoring-livelihood_solutions-disaster-induced-displacement-and-resilient</a> <a href="https://www.sciencedirect.com/science/article/pii/S2590061724000814">https://www.sciencedirect.com/science/article/pii/S2590061724000814</a>
17:00 – 17:30	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinator, Rapporteur	

Day 8: Tuesday, 26 August 2025				
09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of Day 7, overview of Day 8 objectives	Course Coordinator	
<b>Module 7: Climate Change Adaptation &amp; Resilience Building</b>				
10:00 - 11:00	<b>Session 25: Climate Change and its repercussions as Amplification of Disaster Risks</b>	Lecture, Scientific Data, Discussion	Dr. Sunita Reddy, JNU	<a href="https://www.preventionweb.net/understanding-disaster-risk/risk-drivers/climate-change">https://www.preventionweb.net/understanding-disaster-risk/risk-drivers/climate-change</a> <a href="https://www.undrr.org/implementing-sendai-framework/drr-focus-areas/climate-action-and-disaster-risk-reduction">https://www.undrr.org/implementing-sendai-framework/drr-focus-areas/climate-action-and-disaster-risk-reduction</a>
11:00 - 11:30	<b>Tea Break</b>			
11:30 - 12:30	<b>Session 26: Climate Change Adaptation (CCA) Strategies &amp; Nature-Based Solutions (NbS)</b>	Interactive Lecture, Case Examples	Prof. Surya Prakash, NIDM	<a href="https://www.adb.org/sites/default/files/publication/801226/nature-based-solutions-cca-drm.pdf">https://www.adb.org/sites/default/files/publication/801226/nature-based-solutions-cca-drm.pdf</a> <a href="https://climate-adapt.eea.europa.eu/en/eu-adaptation-policy/key-eu-actions/NbS">https://climate-adapt.eea.europa.eu/en/eu-adaptation-policy/key-eu-actions/NbS</a>
12:30 - 13:30	<b>Lunch Break</b>			

13:30 - 14:30	<b>Session 27: Risk Financing, Disaster Insurance &amp; Innovative Funding for Resilience &amp; Group Discussion</b>	Lecture, Case Studies, Group Discussion	Sh. Shishir Aggarwal, NDMA	<a href="https://www.worldbank.org/en/programs/disaster-risk-financing-and-insurance-program">https://www.worldbank.org/en/programs/disaster-risk-financing-and-insurance-program</a> <a href="https://g20drrwg.preventionweb.net/2024/media/102120/download%3FstartDownload=20241118">https://g20drrwg.preventionweb.net/2024/media/102120/download%3FstartDownload=20241118</a> <a href="https://www.financialprotectionforum.org/what-is-disaster-risk-finance-drf">https://www.financialprotectionforum.org/what-is-disaster-risk-finance-drf</a>
14:30 - 15:00	<b>Tea Break</b>			
<b>Module 8: Cross-Cutting Issues &amp; Mainstreaming DRR</b>				
15:00 - 15:45	<b>Session 28: Gender &amp; Inclusion in DRR</b>	Interactive Lecture, Case Studies	Dr. Ajinder Walia, NIDM	<a href="https://www.gfdrr.org/en/inclusive-drm">https://www.gfdrr.org/en/inclusive-drm</a> <a href="https://www.undrr.org/publication/accelerating-action-gender-equality-disaster-risk-reduction-2030">https://www.undrr.org/publication/accelerating-action-gender-equality-disaster-risk-reduction-2030</a>
15:45 - 16:30	<b>Session 29: DRR in Development Planning &amp; SDGs: Mainstreaming Strategies Workshop</b>	Workshop, Group Exercise, Brainstorming	Sh. Shiv Narayan Sidh, NIDM	<a href="https://www.preventionweb.net/sustainable-development-and-drr/sdgs-targets-related-disaster-risk">https://www.preventionweb.net/sustainable-development-and-drr/sdgs-targets-related-disaster-risk</a> <a href="https://www.preventionweb.net/sustainable-development-and-drr/sustainable-development-and-drr">https://www.preventionweb.net/sustainable-development-and-drr/sustainable-development-and-drr</a>

16:30-17:15	<b>Session 30: Stress Management in Post-Disaster Scenarios</b>	Interactive Lecture, Practical Tips, Q&A	Dr. Jugal Kishore, VMMC & SJH*	<a href="https://www.who.int/publications/i/item/9789241548205">https://www.who.int/publications/i/item/9789241548205</a> <a href="https://www.preventionweb.net/publication/stress-management-disasters">https://www.preventionweb.net/publication/stress-management-disasters</a>
17:15 - 17:30	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinator, Rapporteur	
<b>Day 9: Wednesday, 27 August 2025</b>				
09:30 - 10:00	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of Day 8, overview of Day 9 objectives	Course Coordinator	
10:00 - 10:45	<b>Session 31: Role of Technology &amp; Innovation in DRR</b>	Presentation, Tech Demos/Videos, Interactive Q&A	Dr. Amarjeet, NIDM	<a href="https://www.sciencedirect.com/science/article/pii/S259006171930033X">https://www.sciencedirect.com/science/article/pii/S259006171930033X</a> <a href="https://www.undrr.org/publication/documents-and-publications/special-report-use-technology-disaster-risk-reduction">https://www.undrr.org/publication/documents-and-publications/special-report-use-technology-disaster-risk-reduction</a> <a href="https://www.adb.org/sites/default/files/publication/664501/tech-innovation-disaster-risk-mgt-financing.pdf">https://www.adb.org/sites/default/files/publication/664501/tech-innovation-disaster-risk-mgt-financing.pdf</a>
10:45 - 11:15	<b>Tea Break</b>			

11:15 - 12:00	<b><i>Session 32: Mainstreaming DRR into Higher Education &amp; Institutional Policy</i></b>	Lecture, Discussion, Panel Discussion	Dr. Prerna Joshi, NIDM	<a href="https://iddrr.undrr.org/publication/emerging-trends-disaster-risk-reduction-and-climate-change-adaptation-higher-education"><u>https://iddrr.undrr.org/publication/emerging-trends-disaster-risk-reduction-and-climate-change-adaptation-higher-education</u></a>  <a href="https://ndmindia.mha.gov.in/ndmi/viewUploadedDocument?uid=NEW157"><u>https://ndmindia.mha.gov.in/ndmi/viewUploadedDocument?uid=NEW157</u></a>
12:00-13:00	<b><i>Session 33: Intangible Cultural Heritage &amp; DRR</i></b>	Interactive Lecture, Case Studies on local knowledge, Group Discussion	Dr. Kamalika Bose, Heritage Synergies India*	<a href="https://www.irdrinternational.org/news/780"><u>https://www.irdrinternational.org/news/780</u></a>  <a href="https://ich.unesco.org/en/lists"><u>https://ich.unesco.org/en/lists</u></a> <a href="https://www.unesco.org/en/disaster-risk-reduction/culture-sites"><u>https://www.unesco.org/en/disaster-risk-reduction/culture-sites</u></a>
13:00 - 14:00	<b>Lunch Break</b>			
<b>Module 9: Capstone Project &amp; Synthesis</b>				
14:00 - 17:00	<b><i>Session 34: Capstone Project: Guided Plan Development (Group Work)</i></b>	Facilitated Group Work, Mentor Support, Collaborative Planning	NIDM Faculty/Mentors	
17:00 - 17:30	<b><i>Plenary Discussion &amp; Day Wrap-up</i></b>	Reflection on learnings, Q&A on project work	Course Coordinator, Rapporteur	
<b>Cultural Evening</b>				

Day 10: Thursday, 28 August 2025				
<b>09:30 - 10:00</b>	<b>Daily Precap &amp; Objectives Review</b>	Quick recap of project work, overview of presentation day	Course Coordinator	
Module 9: Capstone Project & Synthesis (Contd.)				
<b>10:00 - 13:00</b>	<b>Session 35: Capstone Project Presentations &amp; Peer Feedback (Part 1)</b>	Group Presentations, Q&A, Peer Review	All Participants, NIDM Faculty	
<b>13:00 - 14:00</b>	<b>Lunch Break</b>			
<b>14:00 - 17:00</b>	<b>Session 35: Capstone Project Presentations &amp; Peer Feedback (Part 2)</b>	Group Presentations, Q&A, Peer Review	All Participants, NIDM Faculty	
<b>17:00 - 17:30</b>	<b>Plenary Discussion &amp; Day Wrap-up</b>	Reflection on learnings, Q&A	Course Coordinators	
Day 11: Friday, 29 August 2025				
<b>09:30 - 10:00</b>	<b>Daily Precap &amp; Objectives Review</b>	Overview of the final day, course conclusion	Course Coordinators	

<b>10:00 - 11:15</b>	<b>Session 36: Course Synthesis: Key Takeaways &amp; Future Directions</b>	Facilitated Discussion, Interactive Summary, Group Reflection	Course Coordinators	
<b>11:15 - 11:45</b>	<b>Tea Break</b>			
<b>11:45 - 12:15</b>	<b>Session 37: Post-Training Evaluation &amp; Feedback Session</b>	Feedback Forms, Open Discussion	Course team	
<b>Module 10: Valedictory</b>				
<b>12:15 - 13:00</b>	<b>Session 38: Valedictory Ceremony &amp; Certificate Distribution</b>	Keynote Addresses, Certificate Handover, Group Photo, Networking	Executive Director, NIDM Dignitaries	
<b>13:00 onwards</b>	<b>Lunch</b>			

\*To be Confirmed

## 14. List of Film Fiesta- Disaster Management Movies and Documentaries

This curated list features films and documentaries that compellingly portray various aspects of disaster management, from prevention and preparedness to response, recovery, and the human element in crises. They offer valuable insights into the challenges, heroism, and societal impacts of both natural and man-made disasters.

### Don't Look Up

- Type: Movie (satirical disaster drama)
- Synopsis: Two astronomers discover a planet-killing comet and struggle to alert the world. Their warnings are met with media apathy and political denial, satirizing how society might ignore scientists even in the face of imminent catastrophe.
- Key themes/disaster: Global catastrophe (comet impact), crisis communication failures, infodemic and politicization of disaster response, scientific denialism, public apathy towards existential threats.
- Language: English
- Available on: Netflix (primarily), also available for rent/buy on Apple TV, Google Play Movies, YouTube.
- Year of release: 2021

### Contagion

- Type: Movie (medical thriller)
- Synopsis: A lethal airborne virus originating in Asia spreads rapidly worldwide, causing a global pandemic. Scientists and public health officials race to trace the infection and develop a vaccine as social order begins to fray. Notably, the film's events closely mirrored aspects of the COVID-19 crisis, underscoring the critical importance of pandemic preparedness and rapid response.
- Key themes/disaster: Pandemic (fictional virus), public health response, vaccine development, societal panic, rapid spread of misinformation, the interconnectedness of global health.
- Language: English
- Available on: Amazon Prime Video (Rent/Buy), Apple TV (Rent/Buy), JioCinema (sometimes free with ads).
- Year of release: 2011

### The Impossible

- Type: Movie (survival drama, based on true events)
- Synopsis: Recounts the harrowing experience of a Spanish family (based on the real-life experience of a Portuguese family) on holiday in Thailand who are caught in the 2004 Indian Ocean tsunami. Separated by the massive waves, they endure harrowing challenges in an effort to survive and reunite. The film is unflinching in its depiction of the tsunami's devastation while ultimately highlighting the family's resilience.
- Key themes/disaster: Natural disaster (tsunami), family survival, human resilience in the face of tragedy, immediate emergency response, the chaos and scale of a mega-disaster. (Based on the real 2004 tsunami, one of the deadliest natural disasters in history.)
- Language: English (with some Spanish)
- Available on: Amazon Prime Video (Rent/Buy), Apple TV (Rent/Buy).
- Year of release: 2012

### **Airlift**

- Type: Movie (historical drama, based on true events)
- Synopsis: Recounts one of the most complex civilian rescue operations in history – the evacuation of over 170,000 Indians stranded in Kuwait during the 1990 Gulf War. A businessperson (Akshay Kumar) becomes an unlikely hero coordinating the mass evacuation amid war-torn chaos. The film showcases heroism, patriotism, and community resilience as Indians unite to survive a crisis.
- Key themes/disaster: Man-made disaster (wartime humanitarian crisis), mass evacuation operation, patriotism, leadership, and international coordination in disaster management, the role of community in crisis.
- Language: Hindi (with some English)
- Available on: Disney+ Hotstar, Amazon Prime Video.
- Year of release: 2016

### **Only the Brave**

- Type: Movie (biographical disaster drama)
- Synopsis: Tells the true story of the Granite Mountain Hotshots, an elite unit of wildfire firefighters in Arizona. While most people flee from flames, this team heads into danger to protect their community. A fateful 2013 wildfire ("Yarnell Hill Fire") tests their bonds and bravery. The film portrays their courage and sacrifice in the line of duty.
- Key themes/disaster: Wildfire disaster, heroism of first responders, teamwork,

sacrifice, the challenges and dangers of firefighting, importance of preparedness in wildfire-prone regions.

- Language: English
- Available on: Amazon Prime Video (Rent/Buy), Apple TV (Rent/Buy), Google Play Movies (Rent/Buy), YouTube (Rent/Buy).
- Year of release: 2017

### **Aftershock: Everest and the Nepal Earthquake**

- Type: Documentary series (3-part)
- Synopsis: An emotional docu-series featuring survivors' firsthand accounts and real footage of the devastating April 2015 Nepal earthquake (magnitude 7.8). The series follows events both on Mt. Everest (where avalanches struck climbers) and across Nepal, showing rescue efforts in Kathmandu and remote villages. It provides an immersive, ground-level view of the disaster's impact and the resilience of those affected.
- Key themes/disaster: Natural disaster (earthquake), emergency response, survival stories, community resilience, challenges of disaster relief in mountainous terrain, human capacity to recover and rebuild.
- Language: English (with Nepali and other local voices)
- Available on: Netflix
- Year of release: 2022

### **Mega Cyclone Fani: Rescuing a Million**

- Type: Documentary (National Geographic special)
- Synopsis: A gripping chronicle of how authorities in Odisha, India, successfully evacuated over one million people to safety in anticipation of Cyclone Fani's landfall in May 2019. Featuring interviews with the state's Chief Minister and disaster management teams, it recounts the 48 hours of meticulous planning and mass mobilization that saved countless lives. This documentary showcases a real-world disaster preparedness success story.
- Key themes/disaster: Natural disaster (cyclone), early warning and mass evacuation, government planning, community cooperation, risk communication. Emphasizes how lessons learned from past cyclones led to improved preparedness – a “global benchmark” for disaster management and resilience.
- Language: English (and regional Indian languages in some interviews)
- Available on: Disney+ Hotstar (India), National Geographic YouTube channel (full

documentary often available).

- Year of release: 2019

### **The Volcano: Rescue from Whakaari**

- Type: Documentary (feature film)
- Synopsis: A tense, minute-by-minute account of the 2019 Whakaari/White Island volcanic eruption in New Zealand, which engulfed 47 tourists and guides in a surge of boiling ash and gas. The film blends harrowing survivor testimonies with footage to convey the eruption's lethal force. It also celebrates the everyday people (tour guides, helicopter pilots, etc.) who courageously undertook rescue efforts amid the eruption.
- Key themes/disaster: Geological disaster (volcano eruption), immediate emergency response, human bravery and compassion, risk assessment in tourism, the unpredictability of natural hazards. Offers a sobering look at nature's fury alongside inspiring examples of human solidarity and heroism in crisis.
- Language: English
- Available on: Netflix
- Year of release: 2022

### **Before the Flood**

- Type: Documentary (feature film)
- Synopsis: Produced and narrated by Leonardo DiCaprio in partnership with National Geographic, this documentary explores the imminent dangers of climate change and investigates possible solutions. It travels the globe – from melting ice caps to deforested lands – and features interviews with climate scientists, activists, and world leaders. DiCaprio guides viewers through the evidence of climate disruption and the urgent need for action, making the complex science accessible.
- Key themes/disaster: Climate change and its multifaceted impacts (rising sea levels, extreme weather, etc.), environmental policy, public awareness, sustainable solutions, global cooperation for disaster prevention. The film aims to inform and galvanize global climate action.
- Language: English
- Available on: Disney+ Hotstar (India), also available for free on YouTube (National Geographic's official channel).
- Year of release: 2016

### **Pandemic: How to Prevent an Outbreak**

- Type: Documentary series (6-part)
- Synopsis: A prescient docu-series (released just before COVID-19) examining global pandemic threats and preparedness. Each episode spotlights different aspects of fighting infectious disease – from heroic doctors battling daily flu outbreaks, to scientists working on a universal vaccine, to efforts against virus outbreaks like Ebola. The series provides an inside look at how health experts and organizations worldwide plan for and respond to emerging pandemics.
- Key themes/disaster: Public health disasters (global pandemics), preparedness and prevention, vaccine research and development, challenges posed by anti-vaccine movements, frontline workers in public health crises.
- Language: English
- Available on: Netflix
- Year of release: 2020

### **Society of the Snow**

- Type: Movie (survival drama, based on true events)
- Synopsis: Based on the 1972 Andes flight disaster, this film chronicles the harrowing true story of the survivors of Uruguayan Air Force Flight 571, whose plane crashed in the remote Andes mountains. Stranded for 72 days in extreme conditions, they resorted to desperate measures to survive, including cannibalism, showcasing incredible human endurance and the bonds forged in the face of unimaginable disaster.
- Key themes/disaster: Survival in extreme conditions, human endurance, ethical dilemmas in disaster, search and rescue challenges, psychological impact of prolonged isolation and trauma. It's a profound study of human resilience and the will to live.
- Language: Spanish (with English dub and subtitles available)
- Available on: Netflix
- Year of release: 2023

### **Leave the World Behind**

- Type: Movie (apocalyptic thriller)
- Synopsis: Two families on vacation find their lives upended by a cyberattack that takes down all their devices and ushers in a series of mysterious events. As the world descends into chaos, they must navigate a collapsing society, face an unknown threat, and find ways to survive together in isolation. The film explores themes of societal breakdown, trust, and the fragility of modern infrastructure.
- Key themes/disaster: Cyber warfare/infrastructure collapse, societal breakdown,

psychological impact of widespread technological failure, breakdown of communication, family survival in an unknown apocalyptic scenario.

- Language: English
- Available on: Netflix
- Year of release: 2023

### **Fire of Love**

- Type: Documentary (feature film)
- Synopsis: This visually stunning documentary tells the captivating story of Katia and Maurice Krafft, French volcanologists who dedicated their lives to studying volcanoes, often getting dangerously close to active eruptions. Through their breathtaking archival footage and personal diaries, the film explores their passionate love for each other and for volcanoes, culminating in their tragic deaths during a volcanic eruption.
- Key themes/disaster: Volcanic hazards, scientific research in high-risk environments, risk assessment, passion for understanding natural phenomena, the dangers faced by researchers and first responders.
- Language: English (with French parts)
- Available on: Disney+ Hotstar, Amazon Prime Video (Rent/Buy).
- Year of release: 2022

### **Other Suggestions (*for informal viewing or deeper dives into specific themes*)**

These films also touch upon disaster themes and can be valuable for discussion:

- Mother India (1957): Indian drama depicting rural resilience against natural hardships.
- San Andreas (2015): American disaster film about a massive earthquake in California.
- Aftershock (2012) (Chinese film): Drama about the aftermath of the 1976 Tangshan earthquake.
- The Tunnel (Norwegian: Tunnelen - 2019): Norwegian disaster thriller about a truck crash in a tunnel leading to a fire and trapped victims.
- Tidal Wave (Haeundae - 2009): South Korean disaster film focusing on a megatsunami hitting a popular resort.
- 2012 (2009): American disaster film depicting a series of global geological catastrophes.

- Tum Mile (2009): Hindi romantic drama set against the backdrop of the 2005 Mumbai floods.
- Pompeii (2014): Historical disaster film about the eruption of Mount Vesuvius.
- The Wave (2015): Norwegian disaster film about a rockslide causing a tsunami.
- Twister (1996): American disaster film following storm chasers during a severe tornado outbreak.
- The Burning Train (1980): Indian action thriller about a fire on a superfast express train.
- Geostorm (2017): American sci-fi disaster film where a network of satellites designed to control weather malfunctions and creates global superstorms.

**NIDM E-Learning & I-Got Courses on DM are available at:**

- <https://igotkarmayogi.gov.in/>
- <https://elearning.nidm.gov.in/local/home/index.php>

**Fwd: Invitation for Resource Person & Participant Nominations for "2nd Comprehensive Course on Disaster Risk Management" at NIDM**

**From :** DIG OPS TRG NDRF <[dig.trgops.ndrf@gov.in](mailto:dig.trgops.ndrf@gov.in)> Thu, Aug 07, 2025 11:31 AM  
**Subject :** Fwd: Invitation for Resource Person & Participant Nominations for "2nd Comprehensive Course on Disaster Risk Management" at NIDM 2 attachments  
**To :** KARTIKAY SHARMA <[kartikay.90@gov.in](mailto:kartikay.90@gov.in)>

From: Shiv Narayan Sidh <[shivsidh.nidm@nidm.gov.in](mailto:shivsidh.nidm@nidm.gov.in)>  
To: "hqndrf" <[hq.ndrf@nic.in](mailto:hq.ndrf@nic.in)>  
Cc: "Atisha Sood" <[atisha.nidm@nic.in](mailto:atisha.nidm@nic.in)>, "subhojitnidm" <[subhojit.nidm@nic.in](mailto:subhojit.nidm@nic.in)>  
Date: Wed, 30 Jul 2025 17:52:30 +0530  
Subject: Invitation for Resource Person & Participant Nominations for "2nd Comprehensive Course on Disaster Risk Management" at NIDM  
===== Forwarded message =====

Dear Sir,

The National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Government of India, is organizing the **"2nd Comprehensive Course on Disaster Risk Management"** from **August 18 – 29, 2025**, at **NIDM HQ, Delhi**. This intensive two-week program aims to enhance capacities in disaster risk reduction and management across various sectors.

Given NDRF's critical role in national disaster response, we extend two distinct invitations for your valuable contribution:

**1. Invitation for Resource Person:** We would be grateful if you could **nominate a suitable officer** from your esteemed force to serve as a Resource Person for **Session 16: Principles of Emergency Response & Incident Response System (IRS)**. This session is scheduled for **Friday, August 22, 2025, from 10:00 AM – 11:15 AM**. The nominee's practical experience and insights into emergency response would be invaluable to our participants.

**2. Request for Participant Nominations:** We believe your officers would significantly benefit from this comprehensive training. The course covers various aspects of disaster risk reduction, preparedness, response, and recovery, fostering a holistic and proactive approach to disaster management. We, therefore, request your esteemed organization to **nominate one suitable mid to senior-level officer from each NDRF battalion** to participate.

The official letters in this regard are attached herewith for your kind information.

*With regards,*

**Shiv Narayan Sidh**

HOD EDRM II Division

National Institute of Disaster Management (NIDM)

Ministry of Home Affairs, Govt. of India

Mobile: +91-9411109852

Email: [shivsidh.nidm@nic.in](mailto:shivsidh.nidm@nic.in)