

# 4<sup>th</sup> COMPREHENSIVE COURSE ON DISASTER RISK MANAGEMENT FOR ITEC PARTNER COUNTRIES

 15 - 26 SEPTEMBER 2025

 NIDM, DELHI



ORGANIZED BY  
**NATIONAL INSTITUTE OF DISASTER MANAGEMENT (NIDM)**  
MINISTRY OF HOME AFFAIRS, GOVERNMENT OF INDIA

IN COLLABORATION WITH  
**MINISTRY OF EXTERNAL AFFAIRS, GOVERNMENT OF INDIA**

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## 1. Introduction

Disasters are becoming increasingly frequent, severe, and complex worldwide, resulting in unparalleled humanitarian, environmental, and economic impacts. Recent global crises, including the COVID-19 pandemic, extreme heatwaves, wildfires, flash floods, and powerful cyclones, highlight the critical need for integrated, inclusive, and forward-thinking disaster risk governance. In response to the growing complexity of disaster risks, India has implemented a comprehensive Disaster Risk Reduction (DRR) strategy that is multi-hazard, multi-sectoral, and grounded in principles of resilience, sustainability, and inclusivity. India's DRR efforts are closely aligned with global frameworks, including the Sendai Framework for Disaster Risk Reduction and the Sustainable Development Goals (SDGs), particularly Goal 13 (Climate Action) and Goal 11 (Sustainable Cities and Communities). India has positioned itself as a proactive contributor to the global dialogue on Disaster Risk Reduction (DRR). At the 2016 Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR), the Indian Prime Minister introduced a 10-point agenda aimed at integrating DRR into national development strategies.

This agenda underscores key priorities such as incorporating risk considerations into investment decisions, safeguarding ecosystems, and encouraging active participation from women and youth. These focus areas closely align with the broader objectives of the 17 Sustainable Development Goals (SDGs), particularly in areas related to resilience, climate adaptation, infrastructure development, capacity building, and international collaboration. India has actively promoted regional and global collaboration by championing South-South cooperation, encouraging technology transfer, and facilitating the exchange of best practices and data among nations. Initiatives like the Coalition for Disaster Resilient Infrastructure (CDRI), which India co-founded, are key efforts aimed at strengthening international partnerships to develop resilient infrastructure, particularly in developing countries.

### Overview of Major Disaster Types and their Impacts in India (2000–2025)

Hazard Type	Events & Frequency	Fatalities (2000–2025)	Population Affected
<b>Floods</b>	17 events per year on average; increasingly frequent extreme rainfall events in recent years.	1,600 deaths per year on average (deadliest: 2013 Uttarakhand 6,054 deaths).	Millions affected yearly (7.5 million ha flooded annually; 345 million total affected 2000–2019).
<b>Cyclones</b>	Dozens of cyclonic storms, e.g., 41 cyclones (2012–2020). Peak season May–Nov (Bay of Bengal most active).	48% of disaster deaths (2000–19) were from cyclones, <i>though recent cyclones have lower death tolls</i> (e.g., 115 deaths in all 2020 cyclones). Historically high, but now often <100 per major cyclone due to evacuations.	Millions evacuated or affected per cyclone. E.g., Cyclone Amphan (2020) affected ~2.4 million and destroyed 2.8 lakh houses (WB/Odisha) – massive humanitarian impact.
<b>Earthquakes</b>	Infrequent but severe.	Over 20,000 killed since	Hundreds of

	Major quakes: 2001 Bhuj (M7.7), 2005 Kashmir (M7.6), etc. Moderate quakes occur every few years in the Himalayan region.	2000 (bulk from 2001 quake and 2004 tsunami). Quakes made up 33% of disaster deaths from 2000–2019.	thousands are displaced in major quakes. (2001: 600,000 homeless; 2004 tsunami: 650,000 displaced). Affected relatively fewer people vs. floods/droughts (localized impact zones).
<b>Landslides</b>	Seasonal/episodic events, esp. in monsoons. Dozens of significant landslides occur per year in vulnerable districts.	Typically, 200–400 deaths per year. Landslides and avalanches 2% of disaster deaths (except when coupled with floods, e.g., 2013).	Thousands are affected annually (mostly in hill communities). Individual large landslides can bury villages (e.g., 2013 Kedarnath, 2014 Malin).
<b>Droughts</b>	Major nationwide droughts in 2002, 2009, and 2015; localized droughts intermittently. Slow onset, often linked to monsoon failure or El Niño.	Direct deaths are negligible (droughts are “silent” disasters). Indirect impacts on health and livelihoods, though not counted as disaster fatalities.	<b>Largest population affected:</b> e.g., <b>300 million in the 2002 drought</b> ; tens of millions in other drought years. Causes mass distress migration, economic hardship in rural areas.

(Sources: NDMA/IMD reports and statements; UNDRR report 2020; CWC flood data; World Bank analysis)

## 2. Rationale

The growing occurrence and intensity of disasters—fueled by climate change, rapid urban growth, and environmental damage—demand a move away from reactive relief towards proactive disaster risk management (DRM). Numerous countries, especially in the Global South, face challenges such as weak infrastructure, lack of skilled personnel, and limited risk-aware planning. While disaster response has traditionally centered on relief and recovery, contemporary DRM emphasizes reducing risks through forward-thinking strategies. A key component of this is, training and capacity building for specialists to assess vulnerabilities, establish effective early warning systems, and educate communities to strengthen their resilience.

Furthermore, disaster management has evolved into a complex, multidisciplinary effort that requires coordination across multiple sectors and relies heavily on technologies like GIS, remote sensing, and apt early warning systems. International frameworks—including the Sendai Framework, the Sustainable Development Goals (SDGs), and the Paris Agreement also harp on the critical need to strengthen institutional capacities. To achieve the above, the National Institute of Disaster Management (NIDM), India, is organizing a two-week Comprehensive Training Course on Disaster Risk Management under the Indian Technical and Economic Cooperation (ITEC) Programme of Ministry of External Affairs, Government of India.

### 3. Aim

To enhance the capacity of international participants in understanding and managing disaster risks comprehensively with emphasis on collaborative learning and knowledge exchange. Participants will gain practical insights into effective strategies for disaster preparedness, mitigation, and response eventually facilitating the creation of resilient, disaster-ready communities across the globe.

### 4. Objectives

- Acquire in-depth understanding of both the fundamentals and complexities of comprehensive disaster risk management.
- Highlight India's institutional and technological advancements in Disaster Risk Management (DRM).
- Promote knowledge sharing across countries on risk governance, financing, and resilience strategies.
- Enhance understanding of the hazards, vulnerabilities, and risks present worldwide.
- Enhance knowledge of disaster management frameworks at both national and international levels.
- Integrate disaster risk reduction (DRR) into development planning and sector-specific policies
- Offer insight into the 'Build Back Better' approach, and introducing financial risk management

### 5. Target Group

International Participants

### 6. Methodology

The programme is organized into 10 detailed sub-modules, designed to progressively enhance participants' knowledge. The methodology is crafted to deliver a hands-on, engaging, and immersive learning experience that is fully aligned with both national policies and international frameworks.

**a) Blended Learning** - The course employs a mix of teaching methods to provide both a National Institute of Disaster Management



solid theoretical foundation and hands-on practical experience. These methods include:

- **Expert Lectures:** Presented by domain specialists, government representatives, and scholars, covering fundamental subjects in disaster risk management.
- **Panel Discussions:** Interactive conversations among diverse stakeholders addressing challenges and advancements in Disaster Risk Management (DRM)
- **Case Study:** Centered on real-life scenarios emphasizing examples from practice

## b) Experiential and Participatory Learning

- **Group Activities:** Engaging in simulations and role-playing to promote collaboration and real-time problem-solving skills.
- **Interactive Sessions:** Guided Q&A, scenario-based drills, and collaborative brainstorming to deepen understanding.
- **Hands-On Exercises:** Practical tasks like mock disaster responses, field mapping, and developing disaster preparedness plans.

## c) Technology-Enabled Training

- **Application of GIS, Remote Sensing, and UAV Technology:** Training focused on utilizing these tools for risk assessment and hazard mapping.
- **Multimedia Resources:** Employing awareness films, documentaries, and digital media to boost engagement and understanding.

## d) Field Exposure and Demonstrations

- **Field Visits:** Organized visits to the National Disaster Response Force (NDRF), India Meteorological Department (IMD), and National Control Service (NCS).
- **Live Demonstrations:** Practical sessions showcasing emergency response techniques such as fire safety and search and rescue, First-aid, CPR-hands on learning, Counselling techniques etc.

## e) Structured Module Progression

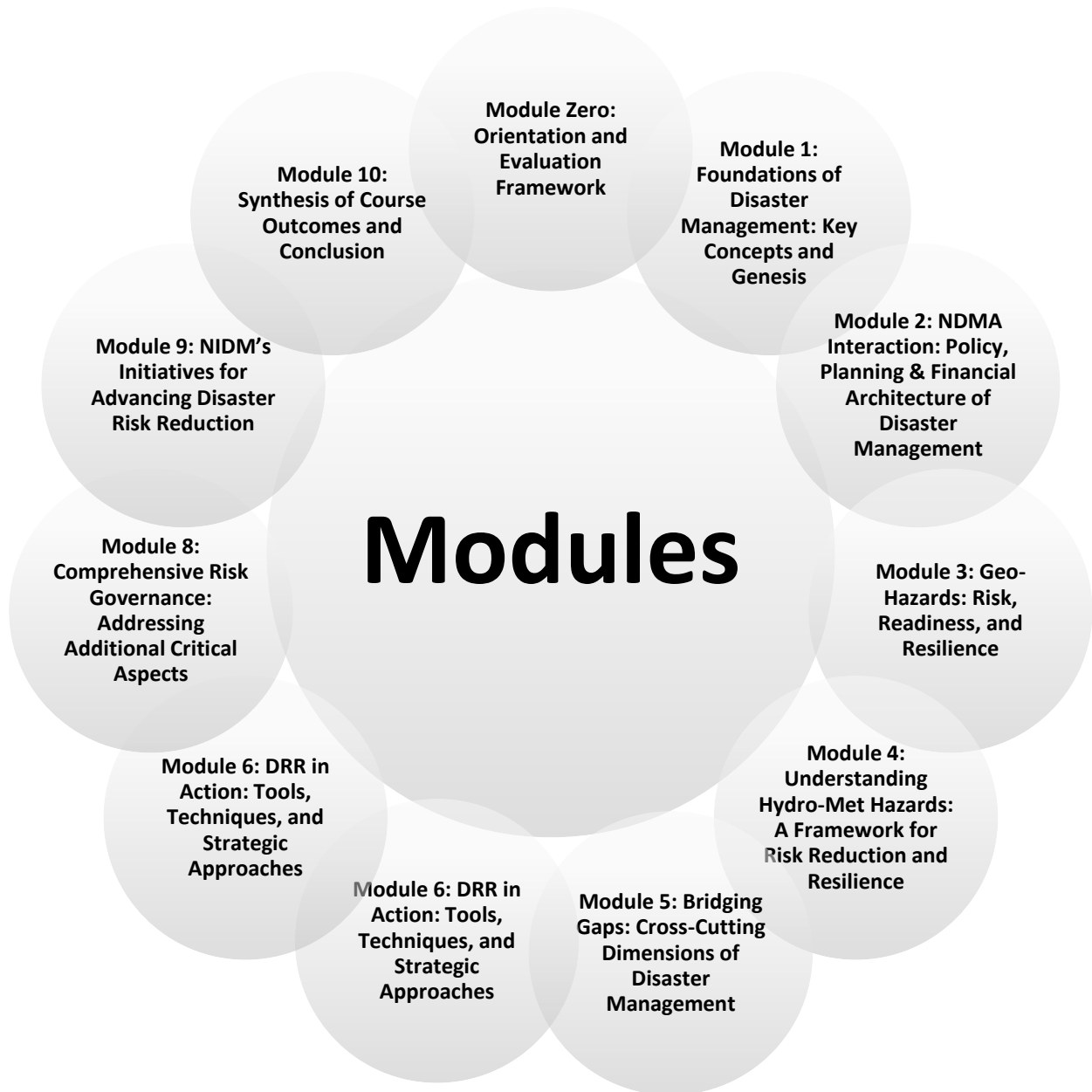
The programme is divided into 10 comprehensive modules, each building progressively on participants' understanding from foundational concepts to specialized areas like risk financing, post disaster recovery, and cross-cutting issues like health and Gender.

## f) Evaluation and Feedback Mechanism

- Conduct a daily feedback sessions to adjust teaching approaches and respond to participant feedback.
- Perform a final review and provide recommendations to support the ongoing growth and sustainability of DRM initiatives.

## 7. Structure of the Course

Course -wise details are as follows:



<b>Module Zero: Orientation and Evaluation Framework</b>	The module Zero serves as the foundational layer of the two-week course. It sets the tone for the course, ensures structured feedback mechanisms, and enables outcome-based learning through continuous evaluation. This module is designed to provide a clear understanding of the course flow, foster engagement from the outset, and conclude the programme with impactful reflection and feedback.
<b>Module 1: Foundations of Disaster Management: Key Concepts and Genesis</b>	This session provides a thorough introduction to key disaster management concepts. It covers the disaster management cycle, including mitigation, preparedness, response, and recovery. Additionally, the session will encourage discussion on the connections between disasters and development, as well as explore the idea of community resilience.
<b>Module 2: NDMA Interaction: Policy, Planning &amp; Financial Architecture of Disaster Management</b>	The exposure visit to NDMA will offer valuable insights into key policies and guidelines. A panel discussion featuring experts will promote dialogue on disaster financing and mitigation strategies, emphasizing legal frameworks and practical methods to enhance disaster preparedness and response.
<b>Module 3: Geo-Hazards: Risk, Readiness, and Resilience</b>	<p>This session will explore common geological hazards, their underlying causes, and the ways in which these events impact communities. Additionally, it will provide both theoretical knowledge and practical insights through the discussion of relevant case studies. The focus will be on effective preparedness, strategic planning, and mitigation measures aimed at reducing the harmful effects of such hazards. This session would culminate into a field exposure visit to National Centre for Seismology, Delhi, where participants would get to physically view facilities and activities of the Centre.</p> <p>Following the sessions, participants will visit the <b>National Centre for Seismology</b> to explore its available facilities and gain insight into its operational framework</p>
<b>Module 4: Understanding Hydro-Met Hazards: A Framework for Risk Reduction and Resilience</b>	<p>This session will examine common hydro-meteorological hazards, their root causes, and their impacts on communities. It will combine theoretical knowledge with practical insights through the analysis of relevant case studies. Emphasis will be placed on effective preparedness, strategic planning, and mitigation strategies to reduce the adverse effects of such events. The session will conclude with a field visit to the India Meteorological Department in Delhi, where participants will have the opportunity to observe firsthand the department's facilities and operations related to early warning systems for hazards such as lightning and cyclones.</p> <p>This will be followed by a visit to the <b>India Meteorological Department (IMD)</b> to gain insights into their cyclone forecasting, early warning systems, and disaster preparedness</p>



	efforts, as well as to explore their core facilities and operational capabilities.
<b>Module 5: Bridging Gaps: Cross-Cutting Dimensions of Disaster Management</b>	This session will examine the interconnections between disaster management and critical areas such as gender, mental well-being, public health and behavioral aspects. Drawing on real-world case studies, the faculty will illustrate how these factors influence disaster risks and response strategies. The discussion will underscore the need for inclusive, coordinated, and holistic approaches to effective disaster planning and recovery.
<b>Module 6: DRR in Action: Tools, Techniques, and Strategic Approaches</b>	This session will explore a range of applications and technological tools used in disaster risk management. Topics will include planning strategies, community engagement, and the use of early warning systems and mobile applications. The session will also highlight emerging technologies such as Artificial Intelligence (AI), Machine Learning (ML), and drone technology in the context of disaster preparedness and response.
<b>Module 7: NDRF Visit: Learning from India's Elite Disaster Response Force &amp; Introduction to Incident Response System (IRS)</b>	The session will offer insights into India's adoption of the <b>Incident Response System (IRS)</b> , including its foundational structure. This will be followed by an exposure visit to the <b>National Disaster Response Force (NDRF)</b> , where participants will observe demonstrations of advanced disaster rescue skills and gain knowledge on effective emergency preparedness and rapid response strategies.
<b>Module 8: Comprehensive Risk Governance: Addressing Additional Critical Aspects</b>	Disaster management encompasses more than just immediate response and recovery. This session shall discuss other essential aspects such as effective communication, community engagement, training and education, infrastructure resilience, coordination among agencies, integration of technology, and continuous risk assessment. These components collectively strengthen a region's capacity to prevent, prepare for, respond to, and recover from disasters.
<b>Module 9: NIDM's Initiatives for Advancing Disaster Risk Reduction</b>	In this session, key initiatives of the Institute shall be highlighted, including the establishment of the <b>India Disaster Resource Network (IDRN)</b> portal, which provides a comprehensive inventory of skilled human resources and equipment available across all Indian States and Union Territories. The discussion also shall emphasize the critical role of social media and digital platforms—such as E-learning, self-study programmes, and i-GoT. Additionally, the creation of the <b>India-University and Institution Network (IUIN-DRR)</b> was showcased as a strategic step to integrate the higher education system into the DRR framework.

<b>Module 10: Synthesis of Course Outcomes and Conclusion</b>	<p><b>Participants will present a summary of their 2-week project reports during this session.</b> They are encouraged to share their key findings, highlight the use of library resources, and demonstrate a solid understanding of course concepts through well-prepared documentation.</p> <p>Additionally, participants will exchange roadmaps outlining how they plan to implement country-specific initiatives based on insights gained from the training.</p>
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## 8. Cultural Evening

As part of the Two-Week Comprehensive Training Course on Disaster Risk Management, a vibrant Cultural Evening will be held on the NIDM campus. This special event is designed to celebrate our rich cultural heritage while promoting unity and camaraderie among participants. The evening will feature a variety of musical and dance performances, showcasing the diversity, traditions, and resilience that define our collective spirit.

## 9. Expected Outcomes

- Enhanced capacity to plan and execute Disaster Risk Management (DRM) strategies across various levels.
- Greater awareness and adoption of technological solutions for Disaster Risk Reduction (DRR).
- Improved inter-agency coordination for cohesive and integrated disaster management efforts.

## 10. Organizing Team

<b>Patron</b>	Shri Safi Ahsan Rizvi, IPS, Executive Director, NIDM <a href="mailto:ed.nidm@nic.in">ed.nidm@nic.in</a>
<b>Lead</b>	Dr. Sushma Guleria, Assistant Professor, NIDM <a href="mailto:sushma.nidm@nidm.gov.in">sushma.nidm@nidm.gov.in</a>
<b>Co-Lead</b>	Shri Shekher Chaturvedi, Assistant Professor NIDM <a href="mailto:shekher.nidm@nidm.gov.in">shekher.nidm@nidm.gov.in</a>
	Ms. Nazia Khan, IPRO, NIDM <a href="mailto:naziakhan.nidm@nidm.gov.in">naziakhan.nidm@nidm.gov.in</a>
<b>Program Team</b>	Mr. Amandeep Singh, Consultant, NDM <a href="mailto:amandeep.nidm@govcontractor.in">amandeep.nidm@govcontractor.in</a>
	Ms. Pragati Mishra, Young Professional, NIDM <a href="mailto:Pragati.nidm@nic.in">Pragati.nidm@nic.in</a>
	Ms. Amreen Khan, Young Professional, NIDM <a href="mailto:amreen.nidm@nic.in">amreen.nidm@nic.in</a>
<b>Media Team</b>	Dr. Sweta Rani, Consultant, NIDM <a href="mailto:swetarani.nidm@govcontractor.in">swetarani.nidm@govcontractor.in</a>

	Mr. Nauman, Junior Consultant, NIDM <a href="mailto:nauman.nidmgovcontractor.in">nauman.nidmgovcontractor.in</a>
	Mr. Rahul, Data Entry Operator, NIDM <a href="mailto:Rahul.nidm@govcontractor.in">Rahul.nidm@govcontractor.in</a>

**11. Registration** For registration, please click on

<https://forms.gle/62uehbBWDPx91HTN9> or scan the QR code below:

**Comprehensive Course on Disaster Risk Management for International Participants**  
**(15-26 September 2025)**  
**Tentative Schedule**

Day-1(Monday) 15.09.2025				
0930-1030	Registration & Course Brief	Ms. Pragati Mishra & Ms. Amreen, Young Professional, NIDM		
1030 - 1200	Inaugural Session	Welcome - Prof. Surya Prakash, NIDM Address - Shri Viraj Singh, AS (DPA II & IV), MEA (tbc) Special Address - Shri Sanjeev Jindal, AS, MHA (tbc) Keynote Address - Shri Safi Ahsan Rizvi, ED, NIDM Inaugural Address - Shri Rajendra Singh, Member & HoD, NDMA (tbc) Vote of Thanks - Shri. Randeep K. Rana, Sr. Advisor, NIDM		
1200-1230	Tea Break			
Time	Sessions	Faculty/ Institution	Andragogy	Suggested Readings/ links
1230 - 1315	Participants Introduction & Expectation of the course	Facilitators:- Shri Shekher Chaturvedi, Assistant Professor, NIDM Dr. Sushma Guleria, Assistant Professor, NIDM	Discussion and PPT	-
1315 - 1415	Lunch Break			
1415 - 1630	Country Presentations	Facilitators: -	Group Work	-

	by Participants	Col. Manoram Yadav, Joint Director, NIDM Shri Shekher Chaturvedi, Assistant Professor, NIDM Dr. Sushma Guleria, Assistant Professor, NIDM Dr. Gagandeep Singh, Assistant Professor, NIDM		
1630 - 1700	Tea Break			
Day-2(Tuesday) 16.09.2025 Foundation of Disaster Management: Key Concepts and Genesis				
1000– 1115	Basic Concepts of Disaster Management & Vulnerability Profile of India  Session Objective: -  To understand and explain the fundamental concepts of disaster management, including the types and phases of disasters, key terminologies, and the roles and responsibilities of stakeholders in disaster	Dr. Sushma Guleria, Assistant Prof. NIDM ( <a href="mailto:sushma.nidm@nidm.gov.in">sushma.nidm@nidm.gov.in</a> )  Ms, Amreen Khan YP ( <a href="mailto:amreen.nidm@govcontractor.in">amreen.nidm@govcontractor.in</a> )	PPT and Group Discussion	<ul style="list-style-type: none"><li>➤ <a href="https://ndma.gov.in/sites/default/files/PDF/DM_act2005.pdf">https://ndma.gov.in/sites/default/files/PDF/DM_act2005.pdf</a></li><li>➤ <a href="https://nidm.gov.in/PDF/Disaster_about.pdf">https://nidm.gov.in/PDF/Disaster_about.pdf</a></li><li>➤ <a href="https://cbseacademic.nic.in/web_material/publication/archive/natural%20hazards%20&amp;%20disaster%20management.pdf">https://cbseacademic.nic.in/web_material/publication/archive/natural%20hazards%20&amp;%20disaster%20management.pdf</a></li><li>➤ <a href="https://nidm.gov.in/PDF/pubs/Handbook_NodalOfficer.pdf">https://nidm.gov.in/PDF/pubs/Handbook_NodalOfficer.pdf</a></li></ul>

	<i>preparedness, response, recovery, and mitigation</i>			
1115 - 1130	<b>Tea Break</b>			
1130– 1300	<p>International Obligations of India viz. SFDRR, SDGs, IORA, BIMSTEC, COP, etc. (<b>Global Perspective</b>)</p> <p><i>Session Objective: -</i></p> <p><i>To understand and critically analyze India's international commitments and obligations under key global and regional frameworks and explore how these frameworks align with India's roles in promoting sustainable, resilient, and inclusive growth</i></p>	<p>Shri Rohit Kumar, Assistant Professor, NIDM (<a href="mailto:rohit.nidm@nidm.gov.in">rohit.nidm@nidm.gov.in</a>)</p> <p>Ms. Annyesha Purkait, YP (<a href="mailto:annyesha.nidm@govcontractor.in">annyesha.nidm@govcontractor.in</a>)</p>	PPT	<ul style="list-style-type: none"> <li>➤ <a href="https://www.undrr.org/implementing-sendai-framework/what-sendai-framework">https://www.undrr.org/implementing-sendai-framework/what-sendai-framework</a></li> <li>➤ <a href="https://sdgs.un.org/goals">https://sdgs.un.org/goals</a></li> <li>➤ <a href="https://bimstec.org/">https://bimstec.org/</a></li> <li>➤ <a href="https://www.iorat/indian-ocean-rim-association">https://www.iorat/indian-ocean-rim-association</a></li> <li>➤ <a href="https://unfccc.int/process/bodies/supreme-bodies/conference-of-the-parties-cop">https://unfccc.int/process/bodies/supreme-bodies/conference-of-the-parties-cop</a></li> <li>➤ <a href="https://ncrmp.gov.in/wp-content/uploads/2022/06/Inception-Report-Strengthening-Disaster-Risk-Governance-Framework-in-India-Learnings-from-Global-Best-Practices-Revisions-2.pdf">https://ncrmp.gov.in/wp-content/uploads/2022/06/Inception-Report-Strengthening-Disaster-Risk-Governance-Framework-in-India-Learnings-from-Global-Best-Practices-Revisions-2.pdf</a></li> <li>➤ <a href="https://www.downtoearth.org.in/governance/race-to-sdgs-india-and-the-world">https://www.downtoearth.org.in/governance/race-to-sdgs-india-and-the-world</a></li> <li>➤ <a href="https://www.civildaily.com/news/22nd-march-2025-the-hindu-op-ed-charting-a-route-for-iora-under-indias-chairship/">https://www.civildaily.com/news/22nd-march-2025-the-hindu-op-ed-charting-a-route-for-iora-under-indias-chairship/</a></li> </ul>
1300– 1400	<b>Lunch Break</b>			
1400– 1515	<p>Institutional Mechanism for DRR in India &amp; Hon'ble PM 10-point Agenda for DRR(<b>Indian Perspective</b>)</p>	<p>Shri Shekher Chaturvedi, Assistant Professor, NIDM (<a href="mailto:shekher.nidm@nic.in">shekher.nidm@nic.in</a>)</p> <p>Ms. Amreen Khan, YP (<a href="mailto:amreen.nidm@govcontractor.in">amreen.nidm@govcontractor.in</a>)</p>	PPT and Group Discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://ndmindia.mha.gov.in/ndmi/images/262126.pdf">https://ndmindia.mha.gov.in/ndmi/images/262126.pdf</a></li> <li>➤ <a href="https://www.nidm.gov.in/PDF/En_DM_act2005.pdf">https://www.nidm.gov.in/PDF/En_DM_act2005.pdf</a></li> <li>➤ <a href="https://ndma.gov.in/Governance/PM-10-Agenda">https://ndma.gov.in/Governance/PM-10-Agenda</a></li> </ul>



	<i>Session Objective:</i>  <i>To familiarize with India’s institutional framework for Disaster Risk Reduction (DRR) and the Hon’ble Prime Minister’s 10-Point Agenda for DRR, enabling them to understand the national approach, roles of key institutions, and strategic priorities for building a disaster-resilient India</i>			
1515– 1530	Recapitulation & Key Take away of day Two & Project briefing	Host Team & Participants	Group Discussion	
1530 – 1545	<b>Tea Break</b>			
1545 - 1700	<b>Awareness Activity No. 1- Short Films</b> <ul style="list-style-type: none"><li>• Aftershock by SRM University</li><li>• Stay back by Mizoram University</li></ul>			
<b>Day-3 (Wednesday) 17.09.2025 NDMA Interaction: Policy, Planning &amp; Financial Architecture of Disaster Management</b>				
1000– 1300	Interaction with NDMA  <i>Session Objective:-</i>  <i>To equip with a comprehensive</i>	Interaction with Members and other Senior Officials of NDMA	Panel Discussion	<ul style="list-style-type: none"><li>➤ <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></li><li>➤ <a href="https://ndma.gov.in/sites/default/files/PDFs/NPDM-HINDI.pdf">https://ndma.gov.in/sites/default/files/PDFs/NPDM-HINDI.pdf</a></li><li>➤ <a href="https://ndma.gov.in/sites/default/files/PDF/DM_act2005.pdf">https://ndma.gov.in/sites/default/files/PDF/DM_act2005.pdf</a></li><li>➤ <a href="https://ndma.gov.in/sites/default/files/PDF/national-dm-policy2009.pdf">https://ndma.gov.in/sites/default/files/PDF/national-dm-policy2009.pdf</a></li></ul>

	<i>understanding of the legal and policy framework, various financing mechanisms and comprehensive understanding of disaster mitigation in India to enable them to apply these frameworks effectively in disaster management</i>	<b>Co-ordinators:</b>  Dr. Perna Joshi, Assistant Professor, NIDM (prerna.nidm@nidm.gov.in)  Dr. Arkaprabha Sarkar, Assistant Professor, NIDM (arkaprabha.nidm@nidm.gov.in)		<ul style="list-style-type: none"><li>➤ <a href="https://compass.rauias.com/current-affairs/disaster-financing/">https://compass.rauias.com/current-affairs/disaster-financing/</a></li><li>➤ <a href="https://ndmindia.mha.gov.in/ndmi/programs">https://ndmindia.mha.gov.in/ndmi/programs</a></li><li>➤ <a href="https://disaster.shiksha/disaster-response/disaster-relief-funding-sources-india/">https://disaster.shiksha/disaster-response/disaster-relief-funding-sources-india/</a></li><li>➤ <a href="https://www.redr.org.in/projects/technical-advisory-and-project-services/disaster-risk-reduction/">https://www.redr.org.in/projects/technical-advisory-and-project-services/disaster-risk-reduction/</a> <a href="https://link.springer.com/chapter/10.1007/978-3-031-72736-8_22">https://link.springer.com/chapter/10.1007/978-3-031-72736-8_22</a></li><li>➤ <a href="https://drrf.org.in/event.html">https://drrf.org.in/event.html</a></li><li>➤ <a href="https://disaster.shiksha/disaster-preparedness/india-disaster-mitigation-initiatives/">https://disaster.shiksha/disaster-preparedness/india-disaster-mitigation-initiatives/</a></li></ul>
1115 -1130	<b>Tea Break</b>			
1400 - 1700	<b>Visit to Nehru Planetarium</b>  <b>Co-ordinator: Mr. Amandeep</b> (amandeep.nidm@govcontractor.in)			
<b>Day-4 (Thursday) 18.09.2025 Geo Hazards: Risk, Readiness &amp; Resilience</b>				
1000-1015	Recapitulation & Key Take aways of Day Three		Host Team	
1015 - 1100	Landslide & DRR: Waynad Case Study discussion  <i>Session Objective:-</i>	Dr. Arkaprabha Sarkar, Assistant Professor, NIDM (arkaprabha.nidm@nidm.gov.in)	PPT and Group discussion	<ul style="list-style-type: none"><li>➤ <a href="https://nidm.gov.in/PDF/pubs/Landslide_Preparedness_Guide_.pdf">https://nidm.gov.in/PDF/pubs/Landslide_Preparedness_Guide_.pdf</a></li><li>➤ <a href="https://www.pib.gov.in/pressreleasepage.aspx?prid=1777174">https://www.pib.gov.in/pressreleasepage.aspx?prid=1777174</a></li><li>➤ <a href="https://nhess.copernicus.org/articles/special_issue896.html">https://nhess.copernicus.org/articles/special_issue896.html</a></li><li>➤ <a href="https://geoenvironmental-">https://geoenvironmental-</a></li></ul>

	<i>To enhance understanding of landslide hazards, their causes, impacts, and to equip them with practical knowledge and tools for effective Disaster Risk Reduction (DRR) strategies.</i>	Ms. Amreen Khan , YP ( <a href="mailto:amreen.nidm@govcontractor.in">amreen.nidm@govcontractor.in</a> )		<a href="https://disasters.springeropen.com/articles/10.1186/s40677-022-00220-7">disasters.springeropen.com/articles/10.1186/s40677-022-00220-7</a> ➤ <a href="https://www.preventionweb.net/media/75592/download?startDownload=20250707">https://www.preventionweb.net/media/75592/download?startDownload=20250707</a> ➤ <a href="https://www.sciencedirect.com/science/article/pii/S012825219304635">https://www.sciencedirect.com/science/article/pii/S012825219304635</a> ➤ <a href="https://link.springer.com/article/10.1007/s10346-024-02385-8">https://link.springer.com/article/10.1007/s10346-024-02385-8</a> ➤ <a href="https://www.mdpi.com/2073-4441/12/4/1000">https://www.mdpi.com/2073-4441/12/4/1000</a>
1100 - 1115	<b>Tea Break</b>			
1115 - 1200	<b>Tsunami &amp; DRR:</b>  <i>Session Objective:-</i>  <i>To enhance understanding of tsunami hazards and strengthen capacity in disaster risk reduction (DRR) through the analysis of real-world case studies, enabling them to apply effective preparedness, mitigation, and response strategies in their own contexts.</i>	Dr. Pankaj Kumar, Assistant Professor, NIDM ( <a href="mailto:pankaj.nidm@nidm.gov.in">pankaj.nidm@nidm.gov.in</a> )  Mr. Moses Prakasam, YP ( <a href="mailto:moses.nidm@govcontractor.in">moses.nidm@govcontractor.in</a> )	PPT and Group discussion	➤ <a href="https://www.weforum.org/stories/2024/02/japans-noto-peninsula-earthquake-can-provide-lessons-for-global-disaster-preparedness/">https://www.weforum.org/stories/2024/02/japans-noto-peninsula-earthquake-can-provide-lessons-for-global-disaster-preparedness/</a> ➤ <a href="https://www.preventionweb.net/news/researchers-unveil-mechanisms-local-amplification-2024-tsunamis-iida-bay-japan">https://www.preventionweb.net/news/researchers-unveil-mechanisms-local-amplification-2024-tsunamis-iida-bay-japan</a> ➤ <a href="https://www.unisdr.org/2006/ppew/tsunami/what-is-tsunami/backinfor-tsunami-ws.htm">https://www.unisdr.org/2006/ppew/tsunami/what-is-tsunami/backinfor-tsunami-ws.htm</a> ➤ <a href="https://www.unisdr.org/2006/ppew/tsunami/what-is-tsunami/backinfor-brief.htm">https://www.unisdr.org/2006/ppew/tsunami/what-is-tsunami/backinfor-brief.htm</a> ➤ <a href="https://www.undrr.org/understanding-disaster-risk/terminology/hips/mh0029">https://www.undrr.org/understanding-disaster-risk/terminology/hips/mh0029</a> ➤ <a href="https://tsunami.incois.gov.in/TEWS/tewsindex.jsp">https://tsunami.incois.gov.in/TEWS/tewsindex.jsp</a>
1200 - 1330	<b>Earthquake &amp; DRR:</b> Case Study (recent earthquake) discussion & Rapid Visual	Dr. Amir Ali Khan, Associate Professor, NIDM ( <a href="mailto:amir.nidm@nidm.gov.in">amir.nidm@nidm.gov.in</a> )	PPT and Group discussion	➤ <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/Simplified_Guidelines_for_earthquake.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/Simplified_Guidelines_for_earthquake.pdf</a> ➤ <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/retrofitting-guidelines.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/retrofitting-guidelines.pdf</a> ➤ <a href="https://nidm.gov.in/PDF/pubs/Risk%20to%20Resilie">https://nidm.gov.in/PDF/pubs/Risk%20to%20Resilie</a>

	<p>Screening of Buildings</p> <p><i>Session Objective:-</i></p> <p><i>To enhance understanding of earthquake hazards and disaster risk reduction (DRR) strategies through real-world case studies, and to develop their ability to conduct Rapid Visual Screening (RVS) of buildings for seismic vulnerability assessment.</i></p>	<p>Ms. Karishma Choudhary , YP</p> <p><a href="mailto:karishma.nidm@govcontractor.in"> (karishma.nidm@govcontractor.in)</a></p>		<p><a href="#">nce.pdf</a></p>
1330 - 1430	<b>Lunch Break</b>			
1430-1700	<p><b>Visit to the National Seismic Center: Exploring Facilities and Operational Framework</b></p> <ul style="list-style-type: none"><li>• monitoring earthquake activity</li><li>• insights into the seismological research in the country</li></ul> <p><b>Co-ordinator:</b> Dr. Pankaj Kumar, Assistant Professor, NIDM <a href="mailto:pankaj.nidm@nidm.gov.in"> (pankaj.nidm@nidm.gov.in)</a></p>			
<b>Day-5 (Friday) 19.09.2025 Understanding Hydro-Met Hazards: A Framework for Risk Reduction and Resilience</b>				
1000 - 1015	Recapitulation & Key Take away of day Four	Host Team & Participants	Group discussion	

1015 - 1145	<p>Extreme Weather events &amp; Pest Attack and Drought Manual of India</p> <p><i>Session Objective:-</i></p> <p><i>To enhance understanding of the Government of India's guidelines on managing droughts, pest attacks, and extreme weather events, with a focus on the procedures outlined in the Drought Manual and related frameworks, enabling effective assessment, preparedness, and response for minimizing impacts on agriculture and livelihoods.</i></p>	<p>Shri Shiv Narain Sidh, Assistant Professor, NIDM (<a href="mailto:shivsidh.nidm@nidm.gov.in">shivsidh.nidm@nidm.gov.in</a>)</p> <p>Shri Manjeet Singh, Assistant Professor, NIDM (<a href="mailto:manjeetsingh.nidm@nidm.gov.in">manjeetsingh.nidm@nidm.gov.in</a>)</p>	PPT and Group discussion	<p>Guidelines: <a href="https://agriwelfare.gov.in/en/Drought">https://agriwelfare.gov.in/en/Drought</a></p> <p>Manual: <a href="https://agriwelfare.gov.in/Documents/Updated%20Drought%20Manual_0.pdf">https://agriwelfare.gov.in/Documents/Updated%20Drought%20Manual_0.pdf</a></p> <p>Pest Attack: <a href="https://ppqs.gov.in/sites/default/files/contingency_plan_0.pdf">https://ppqs.gov.in/sites/default/files/contingency_plan_0.pdf</a></p> <ul style="list-style-type: none"> <li>➤ <a href="https://www.unisdr.org/files/3702_guidelines4.pdf">https://www.unisdr.org/files/3702_guidelines4.pdf</a></li> <li>➤ <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/Guidelines-on-TSL-HSW.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines-on-TSL-HSW.pdf</a></li> <li>➤ <a href="https://www.droughtmanagement.info/literature/IDMP_NDMPG_en.pdf">https://www.droughtmanagement.info/literature/IDMP_NDMPG_en.pdf</a></li> <li>➤ <a href="https://www.ceew.in/sites/default/files/CEEW-Preparing-India-for-extreme-climate-events_10Dec20.pdf">https://www.ceew.in/sites/default/files/CEEW-Preparing-India-for-extreme-climate-events_10Dec20.pdf</a></li> </ul> <p>District Level Risk Assessment:</p> <ul style="list-style-type: none"> <li>➤ <a href="https://dst.gov.in/sites/default/files/User%20Manual-District-Level%20Climate%20Risk%20Assessment%20for%20India_Mapping%20Flood%20and%20Drought%20Risks%20Using%20IPCC%20Framework.pdf">https://dst.gov.in/sites/default/files/User%20Manual-District-Level%20Climate%20Risk%20Assessment%20for%20India_Mapping%20Flood%20and%20Drought%20Risks%20Using%20IPCC%20Framework.pdf</a></li> </ul>
1145- 1200	<b>Tea Break</b>			
1200-1330	<p>Urban Floods: Causes and Risk Mitigation</p> <p><i>Session Objective:-</i></p> <p><i>To identify the primary causes of urban flooding and evaluate effective risk mitigation strategies, including infrastructure</i></p>	<p>Dr. Garima Agarwal, Sr. Consultant NIDM (<a href="mailto:garima.nidm@govcontractor.in">garima.nidm@govcontractor.in</a>)</p>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://newsupsc.com/bengaluru-floods/">https://newsupsc.com/bengaluru-floods/</a></li> <li>➤ <a href="https://www.hindustantimes.com/real-estate/bengaluru-floods-was-the-citys-maharaja-era-drainage-system-more-effective-and-in-sync-with-nature-101747762264665.html">https://www.hindustantimes.com/real-estate/bengaluru-floods-was-the-citys-maharaja-era-drainage-system-more-effective-and-in-sync-with-nature-101747762264665.html</a></li> <li>➤ <a href="https://content.knightfrank.com/research/2674/documents/en/bengaluru-urban-flood-report-2023-10243.pdf">https://content.knightfrank.com/research/2674/documents/en/bengaluru-urban-flood-report-2023-10243.pdf</a></li> <li>➤ <a href="https://ijret.org/volumes/2014v03/i28/IJRET20140328013.pdf">https://ijret.org/volumes/2014v03/i28/IJRET20140328013.pdf</a></li> <li>➤ <a href="https://www.toi.no/getfile.php/1348305-">https://www.toi.no/getfile.php/1348305-</a></li> </ul>

	<i>planning, policy implementation, and community-based approaches.</i>			<i>1530707267/mmarkiv/Aktuelt/BANGALORE%20Urban%20Flooding%20and%20Transport.pdf</i> ➤ <a href="https://www.researchgate.net/publication/256848216_Urban_Floods_Case_Study_of_Bangalore">https://www.researchgate.net/publication/256848216_Urban_Floods_Case_Study_of_Bangalore</a> ➤ <a href="https://www.preventionweb.net/publication/making-cities-resilient-flood-risk-management-toolkit">https://www.preventionweb.net/publication/making-cities-resilient-flood-risk-management-toolkit</a> ➤ <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/urban-flooding.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/urban-flooding.pdf</a> ➤ <a href="https://bhuvan.nrsc.gov.in/themes/theme.php?id=13">https://bhuvan.nrsc.gov.in/themes/theme.php?id=13</a> ➤ <a href="https://www.gfdrr.org/en/publication/urban-flood-risk-management-tool-integrated-flood-solutions">https://www.gfdrr.org/en/publication/urban-flood-risk-management-tool-integrated-flood-solutions</a>
	Bengaluru Floods Case Study	Shri Amarjeet, Assistant Professor, NIDM ( <a href="mailto:amarjeet.nidm@nidm.gov.in">amarjeet.nidm@nidm.gov.in</a> )  Ms. Karishma, YP ( <a href="mailto:karishma.nidm@govcontractor.in">karishma.nidm@govcontractor.in</a> )		
1330 - 1430	Lunch Break			
1430 - 1700	<div>Visit to Indian Metrological Department (IMD)</div> <ul style="list-style-type: none"><li>• Cyclone Forecasting, Early Warning and Disaster Preparedness</li><li>• Explore the core Facilities and Operational Capabilities</li></ul> <div>Co-ordinators: Shri Amarjeet, Assistant Professor, NIDM &amp; Shri Manjeet Singh, Assistant Professor, NIDM</div>			
Day-6 (Saturday ) 20.09.2025 Local Sight Seeing				
Day- 7 (Sunday) 21.09.2025 Field Visit to Agra and Fatehpur Sikri				
Co-ordinator: Mr. Amandeep, Consultant ( <a href="mailto:amandeep.nidm@govcontractor.in">amandeep.nidm@govcontractor.in</a> )				
Day-8 (Monday) 22.09.2025 Bridging Gaps: Cross-Cutting Dimensions of Disaster Management				
1000 - 1115	Gender, Children & Other Vulnerable	Dr. Ajinder Walia, Associate Professor,	PPT and Group discussion	➤ <a href="https://www.cdpp.co.in/articles/gendered-justice-in-disaster-relief-legal-gaps-in-protecting-women-">https://www.cdpp.co.in/articles/gendered-justice-in-disaster-relief-legal-gaps-in-protecting-women-</a>



	<p>groups &amp; DRR</p> <p><i>Session Objective:-</i></p> <p><i>To identify the specific vulnerabilities and capacities of women, children, and other marginalized groups in disaster contexts, and apply inclusive disaster risk reduction (DRR) strategies that promote equity, protection, and resilience for all.</i></p>	<p>NIDM (<a href="mailto:ajinder.nidm@nidm.gov.in">ajinder.nidm@nidm.gov.in</a>)</p> <p>Ms. Pragati Mishra, YP (<a href="mailto:pragati.nidm@govcontractor.in">pragati.nidm@govcontractor.in</a>)</p>		<p>➤ <a href="https://www.downtoearth.org.in/climate-change/gender-disaggregated-data-needed-to-formulate-robust-policies-on-climate-induced-disasters-experts">farmers-from-climate-induced-displacement https://www.downtoearth.org.in/climate-change/gender-disaggregated-data-needed-to-formulate-robust-policies-on-climate-induced-disasters-experts</a></p>
1115 - 1130	<b>Tea Break</b>			
1130 - 1300	<p>Disaster Health care</p> <p><i>Session Objective:-</i></p> <p><i>To describe the key components of disaster healthcare response, including triage, emergency medical services, and coordination of care in mass casualty situations.</i></p>	<p>NIHFW</p> <p>Ms. Stanzin Tsela, YP (<a href="mailto:stanzin.nidm@nic.in">stanzin.nidm@nic.in</a>)</p>	PPT and Group discussion	<p>➤ <a href="https://asdma.gov.in/pdf/publication/undp/guidelines_hospital_emergency.pdf">https://asdma.gov.in/pdf/publication/undp/guidelines_hospital_emergency.pdf</a></p> <p>➤ <a href="https://www.who.int/news-room/feature-stories/detail/who--ifrc-renew-red-channel-agreement--a-memorandum-of-understanding-on-emergency-medical-teams">https://www.who.int/news-room/feature-stories/detail/who--ifrc-renew-red-channel-agreement--a-memorandum-of-understanding-on-emergency-medical-teams</a></p> <p>➤ <a href="https://www.ehcca.com/presentations/emsummit/losi_1.pdf">https://www.ehcca.com/presentations/emsummit/losi_1.pdf</a></p>
1300 - 1400	<b>Lunch Break</b>			
1400 - 1600	<p>Disaster Psycho Social care</p>	NIMHANS	PPT and group activities	<p>➤ <a href="https://ndma.gov.in/Capacity_Building/Mitigation/Psychosocial-Care">https://ndma.gov.in/Capacity_Building/Mitigation/Psychosocial-Care</a></p> <p>➤ <a href="https://www.ifrc.org/our-work/health-and-">https://www.ifrc.org/our-work/health-and-</a></p>

	<p><i>Session Objective:-</i></p> <p><i>To understand the principles of psychosocial care in disaster settings, recognize stress and trauma responses, and apply basic psychosocial support strategies to promote emotional well-being and resilience among affected populations.</i></p>	<p>Ms. Pragati Mishra, YP (<a href="mailto:pragati.nidm@govcontractor.in">pragati.nidm@govcontractor.in</a>)</p>		<p><a href="#">care/community-health/mental-health-and-psychosocial-support</a></p>
1600 - 1615	Recapitulation & Key Take away of day Five and Eight	Host Team & Participants	Group discussion	
1615 - 1630	Tea Break			
1630 - 1700	Awareness Activity No. 2- Short Film <ul style="list-style-type: none"><li>Mega Cyclone Fani: Rescuing a Million (National Geographic special)</li></ul>			
Day-9 (Tuesday) 23.09.2025 DRR in Action: Tools & Techniques and Strategic Approaches				
1000 - 1115	<p>Nature Based Solutions: a tool for Mitigation</p> <p><i>Session Objective:-</i></p> <p><i>To identify and explain how Nature-Based Solutions (NbS) can serve as effective tools for climate change</i></p>	<p>Dr. Perna Joshi, Assistant Professor, NIDM (<a href="mailto:perna.nidm@nidm.gov.in">perna.nidm@nidm.gov.in</a>)</p> <p>Mr. Moses Prakasham , YP (<a href="mailto:moses.nidm@govcontractor.in">moses.nidm@govcontractor.in</a>)</p>	PPT and Group discussion	<ul style="list-style-type: none"><li>➤ <a href="https://www.unep.org/resources/report/nature-based-solutions-climate">https://www.unep.org/resources/report/nature-based-solutions-climate</a></li><li>➤ <a href="https://www.iucn.org/theme/nature-based-solutions/resources/iucn-global-standard-nbs">https://www.iucn.org/theme/nature-based-solutions/resources/iucn-global-standard-nbs</a></li><li>➤ <a href="https://www.teriin.org/article/nature-based-solutions-climate-resilience-india">https://www.teriin.org/article/nature-based-solutions-climate-resilience-india</a></li><li>➤ <a href="https://www.worldbank.org/en/news/feature/2021/06/04/nature-offers-solutions-to-climate-risks-boosts-coastal-livelihoods-in-india">https://www.worldbank.org/en/news/feature/2021/06/04/nature-offers-solutions-to-climate-risks-boosts-coastal-livelihoods-in-india</a></li><li>➤ <a href="https://www.worldbank.org/en/news/feature/2022/12/12/cities-look-to-nature-for-climate-solutions">https://www.worldbank.org/en/news/feature/2022/12/12/cities-look-to-nature-for-climate-solutions</a></li></ul>

	mitigation, including their mechanisms, benefits, and integration into policy and project planning.			<ul style="list-style-type: none"> <li>➤ <a href="https://www.wri.org/insights/what-exactly-are-nature-based-solutions">https://www.wri.org/insights/what-exactly-are-nature-based-solutions</a></li> <li>➤ <a href="https://netzeroclimate.org/innovation-for-net-zero/nature-based-solutions/">https://netzeroclimate.org/innovation-for-net-zero/nature-based-solutions/</a></li> <li>➤ <a href="https://www.ifc.org/content/dam/ifc/doc/2023/catalogue-of-nature-based-solutions-for-infrastructure-projects.pdf">https://www.ifc.org/content/dam/ifc/doc/2023/catalogue-of-nature-based-solutions-for-infrastructure-projects.pdf</a></li> </ul>
1115 - 1130	<b>Tea Break</b>			
1130 –1300	<b>Post Disaster Needs Assessment</b>  <i>Session Objective:-</i>  <i>To understand the core methodology of a Post Disaster Needs Assessment (PDNA), including the identification of sectoral impacts, estimation of recovery needs, and integration of cross-cutting issues, to effectively inform recovery planning and resource mobilization.</i>	<b>Ms. Ranjini Mukherjee, CDRI</b> <a href="mailto:ranjini.m@cdri.world">(<a href="mailto:ranjini.m@cdri.world">ranjini.m@cdri.world</a>)</a>  <b>Ms. Annyesha Purkait, YP</b> <a href="mailto:annyesha.nidm@govcontractor.in">(<a href="mailto:annyesha.nidm@govcontractor.in">annyesha.nidm@govcontractor.in</a>)</a>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://www.undp.org/publications/post-disaster-needs-assessments-guidelines-volume">https://www.undp.org/publications/post-disaster-needs-assessments-guidelines-volume</a></li> <li>➤ <a href="https://www.gfdrr.org/en/publication/pdna">https://www.gfdrr.org/en/publication/pdna</a></li> <li>➤ <a href="https://ndma.gov.in/Resources/public-awareness/post-disaster-needs-assessment">https://ndma.gov.in/Resources/public-awareness/post-disaster-needs-assessment</a></li> </ul>
1300 - 1400	<b>Lunch Break</b>			
1400 - 1515	<b>Hazard, Risk, Vulnerability and Capacity Analysis; Tools &amp; Techniques</b>  <i>Session Objective:-</i>	<b>Dr. Sushma Guleria, Assistant Professor, NIDM</b> <a href="mailto:sushma.nidm@nidm.gov.in">(<a href="mailto:sushma.nidm@nidm.gov.in">sushma.nidm@nidm.gov.in</a>)</a>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/national-dm-plan-2019.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/national-dm-plan-2019.pdf</a></li> <li>➤ <a href="https://www.preventionweb.net/publication/guidelines-disaster-risk-assessment-and-mapping">https://www.preventionweb.net/publication/guidelines-disaster-risk-assessment-and-mapping</a></li> <li>➤ <a href="https://spherestandards.org/hvc-analysis-tools/">https://spherestandards.org/hvc-analysis-tools/</a></li> </ul>

	<i>To equip with the knowledge and practical skills to conduct Hazard, Risk, Vulnerability, and Capacity Analysis (HRVC) using appropriate tools and techniques, enabling them to effectively assess disaster risks and support informed planning for disaster risk reduction and preparedness.</i>	Ms. Pragati Mishra, YP ( <a href="mailto:pragati.nidm@govcontractor.in">pragati.nidm@govcontractor.in</a> )		
1515 - 1530	<b>Tea Break</b>			
1530 -1645	<b>Group Exercise for HVC Assessment</b>  <i>Session Objective:-</i>  <i>To collaboratively identify and analyze hazards, vulnerabilities, risks, and capacities within a community context through interactive group exercises, thereby strengthening their skills in participatory risk assessment and planning.</i>	Dr. Sushma Guleria, Assistant Professor, NIDM & Participants  Ms. Pragati Mishra, YP ( <a href="mailto:pragati.nidm@govcontractor.in">pragati.nidm@govcontractor.in</a> )	Group discussion and presentation	<ul style="list-style-type: none"> <li>➤ <a href="https://www.ifrc.org/document/participatory-hvca-training-guide">https://www.ifrc.org/document/participatory-hvca-training-guide</a></li> <li>➤ <a href="https://www.undp.org/publications/community-based-risk-assessment-and-mapping">https://www.undp.org/publications/community-based-risk-assessment-and-mapping</a></li> <li>➤ <a href="https://spherestandards.org/hvc-analysis-tools/">https://spherestandards.org/hvc-analysis-tools/</a></li> </ul>
1645 - 1700	<b>Recapitulation &amp; Key Takeaways of day Nine</b>	Host Team & Participants	Group discussion	

**Day-10 (Wednesday) 24.09.2025 NDRF Visit: Learning from India's Elite Disaster Response****Co-ordinator:** Shri Shekher Chaturvedi, Assistant Professor, NIDM ([shekher.nidm@nic.in](mailto:shekher.nidm@nic.in))

1000 - 1115	<b>Incident Response System: Overview &amp; Implementation</b>  <i>Session Objective:-</i>  <i>To describe the key components of an Incident Response System (IRS) and outline the steps required for its effective implementation within their organization or jurisdiction.</i>	<b>Shri Shekher Chaturvedi,</b> Assistant Professor, NIDM ( <a href="mailto:shekher.nidm@nic.in">shekher.nidm@nic.in</a> )  <b>Ms. Amreen Khan, YP</b> ( <a href="mailto:amreen.nidm@govcontractor.in">amreen.nidm@govcontractor.in</a> )	PPT and Group discussion	➤ <a href="https://ndma.gov.in/sites/default/files/PDF/Guidelines/incident-response-system.pdf">https://ndma.gov.in/sites/default/files/PDF/Guidelines/incident-response-system.pdf</a> ➤ <a href="https://www.preventionweb.net/publication/emergency-response-preparedness-erp-approach">https://www.preventionweb.net/publication/emergency-response-preparedness-erp-approach</a> <a href="https://www.usaid.gov/sites/default/files/documents/1866/fog_v4_0.pdf">https://www.usaid.gov/sites/default/files/documents/1866/fog_v4_0.pdf</a>
1115 - 1130	<b>Tea Break</b>			
1115 - 1215	<b>Initiatives in Disaster Response in India with reference to NDRF</b>  <i>Session Objective:-</i>  <i>To equip with a comprehensive understanding of the structure, roles, and operational protocols of the NDRF</i>	National Disaster Response Force, Ghaziabad	PPT and Group discussion	➤ <a href="https://ndrf.gov.in">https://ndrf.gov.in</a> ➤ <a href="https://pib.gov.in/PressReleasePage.aspx?PRID=1909053">https://pib.gov.in/PressReleasePage.aspx?PRID=1909053</a> ➤ <a href="https://ndma.gov.in/response/national-disaster-response-force">https://ndma.gov.in/response/national-disaster-response-force</a>
1215 - 1300	<b>Lunch Break</b>			

1300 - 1515	Simulation & Demonstration by NDRF	NDRF Ghaziabad	Demonstration	
<b>Day-11 ( Thursday) 25.09.2025 Comprehensive Risk Governance: Addressing Additional Critical Aspects</b>				
1000- 1115	<p>Climate Resilience and Action for Sustainable Development</p> <p><i>Session Objective:-</i></p> <p><i>To equip with the knowledge and practical skills to understand climate resilience concepts and apply climate action strategies that support sustainable development goals (SDGs) in respective communities or sectors.</i></p>	<p>Council on Energy, Environment and Water (CEEW)</p> <p>Mr. Moses Prakasam, YP</p> <p><a href="mailto:moses.nidm@govcontractor.in">moses.nidm@govcontractor.in</a></p>	PPT	<ul style="list-style-type: none"> <li>➤ <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></li> <li>➤ <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></li> </ul>
1115 - 1130	<b>Tea Break</b>			
1130 - 1330	<p>Applications of Geospatial Technology in Disaster Management &amp; Case Study discussion</p> <p><i>Session Objective:-</i></p> <p><i>To equip with an understanding of how</i></p>	<p>Dr. Gagandeep Singh, Assistant Professor, NIDM</p> <p><a href="mailto:gagandeep.nidm@nidm.gov.in">gagandeep.nidm@nidm.gov.in</a></p> <p>Ms. Karishma Choudhary, YP</p> <p><a href="mailto:karishma.nidm@govcontractor.in">karishma.nidm@govcontractor.in</a></p>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://bhuvan.nrsc.gov.in/home/index.php">https://bhuvan.nrsc.gov.in/home/index.php</a></li> <li>➤ <a href="https://www.preventionweb.net/news/land-and-geospatial-information-cornerstone-improve-community-resilience">https://www.preventionweb.net/news/land-and-geospatial-information-cornerstone-improve-community-resilience</a></li> <li>➤ <a href="https://www.preventionweb.net/news/copernicus-eye-sky-brings-disaster-management-whole-new-level">https://www.preventionweb.net/news/copernicus-eye-sky-brings-disaster-management-whole-new-level</a></li> <li>➤ <a href="https://www.preventionweb.net/publication/solid-ground-increasing-community-resilience-through-improved-land-administration-and">https://www.preventionweb.net/publication/solid-ground-increasing-community-resilience-through-improved-land-administration-and</a></li> <li>➤ <a href="https://appliedsciences.nasa.gov/get-">https://appliedsciences.nasa.gov/get-</a></li> </ul>



	<i>geospatial technologies are applied in disaster management, including real-time data collection, risk assessment, and response planning, through relevant case studies to demonstrate practical implementation and impact.</i>			<a href="#">involved/training/english/arset-disaster-assessment-using-synthetic-aperture-radar</a>
1330 - 1430	<b>Lunch Break</b>			
1430- 1545	<b>Culture Heritage &amp; DRR</b>  <i>Session Objective:-</i>  <i>To understand the risks and vulnerabilities faced by cultural heritage sites, and apply basic risk assessment and mitigation techniques to enhance the resilience of cultural assets</i>	<b>NIDM/External RP</b>  <b>Dr. Sapna Tiwari, YP</b> <a href="mailto:sapna.nidm@govcontractor.in"> (sapna.nidm@govcontractor.in)</a>	PPT and Group Discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://www.irdrinternational.org/news/780">https://www.irdrinternational.org/news/780</a></li> <li>➤ <a href="https://ich.unesco.org/en/lists">https://ich.unesco.org/en/lists</a></li> <li>➤ <a href="https://www.unesco.org/en/disaster-risk-reduction/culture-sites">https://www.unesco.org/en/disaster-risk-reduction/culture-sites</a></li> <li>➤ <a href="https://nidm.gov.in/pdf/trgReports/2022/December/Report_07December2022sk.pdf">https://nidm.gov.in/pdf/trgReports/2022/December/Report_07December2022sk.pdf</a></li> <li>➤ <a href="https://mcr2030.undrr.org/cultural-heritage-scorecard">https://mcr2030.undrr.org/cultural-heritage-scorecard</a></li> <li>➤</li> </ul>
1545 - 1600	<b>Tea Break</b>			
1600 - 1700	Recapitulation & Key Take aways of day Ten and Eleven	Host Team & Participants	Group discussion	
<b>Day-12 (Friday) 26.09.2025 NIDM's Initiatives for Advancing Disaster Risk Reduction</b>				
1000- 1100	Social & Behavioral	Mr. Nisar Ahmed, EID <a href="mailto:nisar@envisions.co.in"> (nisar@envisions.co.in)</a>	Envisions	➤ <a href="https://nhm.gov.in/images/pdf/programmes/IEC/IEC-Guidelines/SBCC_Operational_Guidelines.pdf">https://nhm.gov.in/images/pdf/programmes/IEC/IEC-Guidelines/SBCC_Operational_Guidelines.pdf</a>

	<p><b>Change for DRR</b></p> <p><i>Session Objective:-</i></p> <p><i>To design Social and Behavioral Change Communication (SBCC) strategies that effectively promote community adoption of DRR practices, using participatory communication methods for community engagement.</i></p>	<p><b>Mr. Moses Prakasam, YP</b></p> <p><a href="mailto:moses.nidm@govcontractor.in">(moses.nidm@govcontractor.in)</a></p>	Institute of development	<ul style="list-style-type: none"> <li>➤ <a href="https://www.unicef.org/mena/reports/behavior-change-communication-emergencies">https://www.unicef.org/mena/reports/behavior-change-communication-emergencies</a></li> <li>➤ <a href="https://www.cdc.gov/healthcommunication/toolstemplates/index.html">https://www.cdc.gov/healthcommunication/toolstemplates/index.html</a></li> <li>➤ <a href="https://documents.worldbank.org/en/publication/documents-reports/documentdetail/350161615026042945">https://documents.worldbank.org/en/publication/documents-reports/documentdetail/350161615026042945</a></li> <li>➤ <a href="https://nidm.gov.in/sbc_about.asp">https://nidm.gov.in/sbc_about.asp</a></li> </ul>
1100 - 1115	<b>Tea Break</b>			
1115 - 1145	<p><b>IDRN: Overview &amp; utilization</b></p> <p><i>Session Objective:-</i></p> <p><i>To equip with a comprehensive understanding of the India Disaster Resource Network (IDRN) portal, focusing on its structure, functionalities, and practical applications for effective disaster resource management and coordination</i></p>	<p><b>Mr. Dharmendra Developer NIDM</b></p> <p><a href="mailto:dharmendra.nidm@govcontractor.in">(dharmendra.nidm@govcontractor.in)</a></p> <p><b>Mr. Arvind Kavya, Consultant</b></p> <p><a href="mailto:arvind.nidm@govcontractor.in">(arvind.nidm@govcontractor.in)</a></p>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://idrn.gov.in">https://idrn.gov.in</a></li> <li>➤ <a href="https://ndma.gov.in/Resources/response/idrn">https://ndma.gov.in/Resources/response/idrn</a></li> <li>➤ <a href="https://ndmindia.mha.gov.in/images/gallery/pdf/I%20DRN%20Capacity%20Guidelines.pdf">https://ndmindia.mha.gov.in/images/gallery/pdf/I DRN Capacity Guidelines.pdf</a></li> <li>➤ <a href="https://documents.worldbank.org/en/publication/documents-reports/documentdetail/679571605396297621">https://documents.worldbank.org/en/publication/documents-reports/documentdetail/679571605396297621</a></li> </ul>

1145 - 1230	<p>Use of Social Media, E-Learning &amp; I-GoT for DRR</p> <p><i>Session Objective:-</i></p> <p><i>To equip with the knowledge and skills to effectively leverage social media, e-learning platforms, and the Integrated Government Online Training (iGOT) portal for enhancing DRR communication and capacity building</i></p>	<p>Ms. Nazia Khan, IPRO NIDM</p> <p><a href="mailto:naziakhan.nidm@govcontractor.in">naziakhan.nidm@govcontractor.in</a></p> <p>Dr. Sweta Rani, Consultant</p> <p><a href="mailto:swetarani.nidm@govcontractor.in">swetarani.nidm@govcontractor.in</a></p>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://igotkarmayogi.gov.in">https://igotkarmayogi.gov.in</a></li> <li>➤ <a href="https://nidm.gov.in/e-learning.asp">https://nidm.gov.in/e-learning.asp</a></li> <li>➤ <a href="https://www.unisdr.org/files/48152_socialmedia_dressourceguidedefinal.pdf">https://www.unisdr.org/files/48152_socialmedia_dressourceguidedefinal.pdf</a></li> <li>➤ <a href="https://documents.worldbank.org/en/publication/documents-reports/documentdetail/162211468762919664">https://documents.worldbank.org/en/publication/documents-reports/documentdetail/162211468762919664</a></li> </ul>
1230 - 1315	<p>IUINDRR: An Overview</p> <p><i>Session Objective:-</i></p> <p><i>To provide a comprehensive overview of the India Institution and University Network, focusing on its structure, key stakeholders, strategic objectives, and its role in advancing higher education and research collaboration across India.</i></p>	<p>Dr. Preeti Soni, Sr. Consultant NIDM</p> <p><a href="mailto:iuindrr.nidm@nidm.gov.in">iuindrr.nidm@nidm.gov.in</a></p> <p>Ms. Ritu, Junior Consultant</p> <p><a href="mailto:ritu20.nidm@govcontractor.in">ritu20.nidm@govcontractor.in</a></p>	PPT and Group discussion	<ul style="list-style-type: none"> <li>➤ <a href="https://iuin-drr.nidm.gov.in/Aboutus">https://iuin-drr.nidm.gov.in/Aboutus</a></li> <li>➤ <a href="https://pib.gov.in/PressReleasePage.aspx?PRID=2078183">https://pib.gov.in/PressReleasePage.aspx?PRID=2078183</a></li> </ul>

1315 - 1400	<b>Lunch Break</b>			
<b>Synthesis of Course Outcome &amp; Concluding</b>				
1400 - 1545	Project Work & Presentation – (by participants)	Facilitators – Shri Shekher Chaturvedi and Dr. Sushma Guleria, NIDM	Discussion	-
1545 - 1600	<b>Tea Break</b>			
1600 - 1700	<p align="center"><b>Valedictory Session</b>  Course Summing up – Ms. Nazia Khan, IPRO  Remarks by – Shri Safi Ahsan Rizvi, ED NIDM  Valedictory Address by – Lt. Gen. Syed Ata Hasnain, Member, NDMA (tbc)</p> <p align="center">-</p>			