IDRiM

FOR A SAFER WORLD

Integrated Disaster Risk Reduction for Inclusive Sustainable Development

Science, Policy and Practice Dialogues

InSPIRE Dialogues

28th - 30th September 2023

📍 IIT Roorkee, India

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IDRiM 2023

The 13th International Conferencet of the International Society for Integrated Disaster Risk Management

IDRiM 2023

The South Asia region forms an emblematic interface of development and risks to disasters, with risks being further projected to increase. Exposure and vulnerability to hazards and their consequential impacts are being observed in the region. Frequent disasters are exacerbating existing impacts and creating new ones. Rapidly growing population, contemporary climate change, frequent hazards, and atmospheric warming are unprecedented in this region thus compromising the well-being of hundreds of millions of people and generating systemic risks. Disasters result due to the intersection of three key elements: i) hazards, including climate-induced extremes, earthquakes, landslides, cyclones, tsunamis, etc.; ii) exposure of assets and population; and iii) vulnerability due to physical, social, economic, governance, and environmental factors. The South Asia region is experiencing concurrent hazards - occurring simultaneously in time; compound hazards- involving multiple drivers, preconditions, physical interactions, and path dependence leading to different impacts and coping options; and cascading hazards trigger others, mostly unexpected, similar to toppling dominoes. Therefore, it is essential to deepen the understanding of how these disasters translate into impacts on the environment, society, and infrastructure through blending science, policy, and practice for disaster risk reduction towards inclusive and sustainable development.

Specific Objectives of IDRiM 2023

- To summarize, and synthesize the science of disasters risks incorporating concurrent, compounding, and cascading hazards.
- To build a knowledge exchange platform for facilitating dialogue among researchers, practitioners, policy-makers, civil society, and local representatives of disaster risk response community.
- To suggest the best practices for risk-informed inclusive and sustainable development at multilevel and deliberate on frameworks for inclusive disaster risk policies.

Special Events

Call for Video Competition
Video submissions are invited from students and young professionals in Disaster Management to demonstrate the different facets of disaster management and showcase the possibilities of enhanced disaster response through science, policy, and practice.
The winner of the competition will be awarded during IDRiM 2023 Conference, along with a 50% registration fee concession. In addition, the top five presenters' videos will be showcased during IDRiM 2023 Conference.

Pre-Conference Events
IDRiM 2023 Conference Organizing Committee is going to host special Pre-Conference events

to impart practical knowledge of Advanced Scientific Tools and enhance the human capacity of young Disaster Management Professionals.

Networking Session for Early Career Scientists
To enhance cooperation and global collaboration in Disaster management research and practice, the IDRiM 2023 Conference Organizing Committee is going to arrange a Special Networking Session for Early Career Scientists with Experts from Disaster Management. Through this session, the young disaster management professionals can discuss and exchange their ideas on different practical aspects of disaster management and strengthen the global network.

Sub-themes

1. Progress in achieving Priorities under Sendai Framework for Disaster Risk Reduction (DRR) for inclusive sustainable development in South Asia
2. Hazard mapping and modelling, spatial vulnerability assessment, and disaster risk
3. Monitoring and early warning of natural and biological hazards
4. Advanced techniques- use of AI & ML in DRR
5. Disaster-induced displacement, migration and community response for DRR
6. Disaster risk management in the Himalayan region
7. Climate Change Adaptation and integration with DRR
8. Monitoring and Management of man- made risks (including Na-Tech and industrial hazards)
9. Economic perspectives, assessment of direct and indirect economic damages, estimation techniques, and policy (financing, insurance, etc.)
10. Role of critical infrastructure (CI) in disaster risk management, and vulnerability of CI

Timeline

Date	Milestone
20 Mar 2023	Opening of IDRiM 2023 Official Website
20 Mar 2023	Call for Abstracts
03 Apr 2023	Call for Video submissions & Special Sessions
15 May 2023	Deadline for Video Submissions & Special Sessions Proposals
30 May 2023	Deadline for Abstracts Submission
30 May 2023	Announcement Results of Video Competition
20 Jun 2023	Notification of Session & Abstract Acceptance
25 Jun 2023	Start of Early Registration
03 Jul 2023	Nomination of Keynote Lecture by the Conference Steering Committee
01 Aug 2023	Announcement of Preliminary Conference Program
28 Aug 2023	Deadline for Early Registration Deadline for Additional Poster
04 Sep 2023	Announcement of Final Conference Program
27 Sep 2023	Pre-conference event
28 Sep 2023	Start of Conference/On-site Registration

Registration Fees

Income Category	Type	Membership status	Early Bird (USD)	Late Registration (USD)
SAARC Members Countries / LIC	Regular	IDRiM Members *	45	70
		Non-members	80	105
	Student	IDRiM Members *	30	55
		Non-members	65	90
Rest of the World	Regular	IDRiM Members *	145	220
		Non-members	240	325
	Student	IDRiM Members *	100	175
		Non-members	165	250

* IDRiM Members who paid the annual membership fee for 2023
* Proof of IDRiM membership should be uploaded during registration

Sponsorship Opportunities

IDRiM 2023 provides an exceptional opportunity for organizations to promote their products to the focused international and national audiences/stakeholders besides having an opportunity to interact with engineers/scientists/academicians. The sponsorship can be offered in any one of the following categories:

Diamond Sponsor:
USD 10,000/INR 5,00,000

- Conference registration (includes conference lunch and gala dinner) for ten delegates.
- Sponsor's name and logo on conference, website, promotion material like proceedings volume, banner, stationery items etc.
- 10 min. time slot for a technical presentation in the session of your choice (except inaugural, plenary & valedictory sessions).
- One exhibitor's display stall (size 4 X 3 M) at the venue

Platinum Sponsor:
USD 8,000/INR 4,00,000

- Conference registration (includes conference lunch and gala dinner) for six delegates.
- Company name and logo on conference, website, promotion material like proceedings volume, banner, stationery items etc.
- 10 min. time slot for technical presentation in the session of your choice (except inaugural, plenary & valedictory sessions).
- One exhibitor's display stall (size 4 X 3 M) at the venue

Gold Sponsor:
USD 6,000/INR 3,00,000

- Conference registration (includes conference lunch and gala dinner) for four delegates.
- Company name and logo on conference, website, promotion material like proceedings volume, banner, stationery items etc.
- 10 min. time slot for technical presentation in the session of your choice (except inaugural, plenary & valedictory sessions).
- One exhibitor's display stall (size 4 X 3 M) at the venue.

Silver Sponsor:
USD 4,000/INR 2,00,000

- Conference registration for two (includes conference lunch and gala dinner) delegates.
- Company name and logo on conference, website, promotion material like proceedings volume, banner, stationery items etc.
- One exhibitor's display stall (size 4 X 3 M) at the venue.

Bronze Sponsor:
USD 2,000/INR 1,00,000

- Conference registration (includes conference lunch and gala dinner) for one delegate.
- One exhibitor's display stall (size 4 X 3 M) at the venue.

Terms and Conditions

- Each stall comes with carpet, 1 two-seat sofa, chairs, electricity, and one table.
- Exhibitors will be given access to the allocated booth by 7 PM on 27th September 2023
- Booth set up with your posters, samples etc. should be completed in all aspects by 8:00 AM on 28th September 2023.
- Detailed instructions on booth set-up would be given to exhibitors separately.
- The stall should be manned by at least one person at all times and should not be left unattended during the exhibiting hours.
- The personnel manning the stall will have to carry the delegate badge at all times. Exhibitors are not permitted to make direct sales of goods on the exhibition floor.
- If you plan to conduct product demonstrations, exhibit equipment's, intend to bring largesized items or serve F&B samples at the stall, we advise you to kindly check feasibility and get written consent from the Exhibition Committee of IDRiM 2023.
- Please note that the registration does not include accommodation or transportation.
- Cancellation or withdrawal from the Conference/Stall and Transfer of Possession of the stall by any company will not be accepted. IDRiM 2023 does not have any refund policy.
- On all matters related to IDRiM 2023 Exhibition, the decision made by the IDRiM 2023 Exhibition Committee will be final and binding on all parties concerned.
- For any assistance, please write to us at idrim2023@dm.iitr.ac.in. Please send your logo and product details in electronic format to the same e-mail address.
- Liability: Exhibitor agrees to surrender the space occupied by it in the same condition, as it existed at the start of occupation, absent normal wear and tear. International IDRiM 2023 shall not be liable for loss or damage of any article of equipment or property of the Exhibitor which the exhibitor may suffer during installation or removal or during the exhibit itself due to robbery, fire, accident, or any other destructive cause. Any damage/loss to the stall structure or premises will have to be compensated directly to the stall builder or the hotel as the case may be.
- Detailed Guidelines for Exhibitors will be conveyed at a later stage.

Procedure for Availing a Physical Stall

- Opening of sale of Exhibition Stalls will be displayed on the Website. Exhibitors must contact the Exhibition Committee of IDRiM 2023 at idrim2023@dm.iitr.ac.in to show their interest.
- On receipt of request from the Exhibitor and the availability of stalls, an intimation will be given to Exhibitor. Thereafter the exhibitor would need to register at our site with the link provided in the mail and make online payment within 72 hours. On receipt of payment, the allotment of the stall will be confirmed by our mail along with payment receipt.
- Here is the list of things we require from your side to display on our website and during the conference.
    1. About the Company – 200 words max
    2. Company Logo – Jpeg or PNG only
    3. Certifications
    4. Company Picture – Jpeg or PNG only (Size – 400 pixels height * 600 pixel width)
    5. Brochure – PDF (Size less than 2 MB)

IDRiM 2023

About the Centre of Excellence in Disaster Mitigation and Management

Conforming to the National vision on Disaster Management promulgated by National Disaster Management Authority (NDMA), "To build a safer and disaster resilient India by a holistic, pro-active, technology driven and sustainable development strategy that involves all stakeholders and fosters a culture of prevention, preparedness and mitigation". The Center of Excellence in Disaster Mitigation and Management (CoEDMM) in IIT Roorkee has been established in 2005 as a response to Government of India's mandate to accomplish a risk resilient society through prioritizing techno-managerial capacity building.

The Centre is facilitating cutting edge, cross-sectoral research and conducts training on disaster risk, hazard and vulnerability mapping, and their mitigation and pre and post disaster management. Since 2015, the Centre is accommodating SDG and CCA concepts with SFDRR into regular chores/activities through projects, trainings, expert lectures, conferences, workshops. Now it is acknowledged as a knowledge, science and technology dissemination platform even beyond the national boundary.

Research conducted in the CoEDMM broadly covers all hazards and scope of the research extends beyond hazard science; vulnerability and risk assessment and management are pursued by researchers. In addition to laboratory facilities available with different core departments and instrumentation Centre of IIT Roorkee, Centre has also developed its own research laboratories catering to specific requirements of researchers.

Some of the notable sponsored/research projects are earthquake early warning systems, vulnerability and risk analysis of geo-hazards in Himalayan regions, rehabilitation and retrofitting of heritage buildings, seismic strengthening technologies and comparative assessment of various retrofit techniques for unreinforced masonry (URM) school buildings in India, documentation of traditional earthquake resistant building technologies from SAARC countries, wind tunnel studies for various real-life projects across India, bioremediation of accumulated pesticides, mitigation techniques of contaminated environments etc
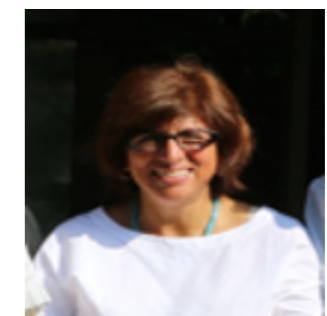
The courses offered in the Centre are a two-year post-graduate specialization course in Disaster Mitigation and Management and the doctoral programme focussing on Earthquake, Landslide, Cyclones, Floods, tsunamis, Cyber Crime, Avalanche, Fire, Industrial disaster, CBRN (chemical, biological, radiological, and nuclear), and Geomatics Technology. The Centre has 17 joint faculty members and three core faculty members specializing in disaster-related domains. The interdisciplinary nature of the Centre supports various research and consultancy projects through sponsored funding from Govt. of India and other National and International funding agencies.

IDRiM 2023 Organizing Committee

Patron
Prof. K K Pant
Director, Indian Institute of Technology Roorkee, India

Co-Patron
Prof. Ana Maria Cruz
President, Board of Directors, IDRiM, Japan

Chairman
Prof. Sumit Sen
Head, CoEDMM, Indian Institute of Technology Roorkee, India

Organizing Secretary
Prof. Mahua Mukherjee
Indian Institute of Technology Roorkee, India

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Conference Program

Day 1 : 28 September 2023	
09:00-09:30	**Registration**
09:30-11:30	**Inaugural**
09:30-09:45	Welcome Address and Introduction
09:45-10:00	Director's note (IIT Roorkee)
10:00-10:15	Secretary- IDRiM
10:15-10:30	Secretary-General SAADRI
10:30-10:45	Guest of Honour
10:45-11:30	Invited Lecture
11:30-12:00	**Tea Break**
12:00-13:00	**Plenary Session: Understanding systemic risks for disaster management**
13:00-14:00	**Lunch Break**
14:00-15:00	**Technical Session 1 - Progress in achieving Priorities under Sendai Framework for Disaster Risk Reduction (DRR) for inclusive sustainable development in South Asia**
15:00-15:30	**Tea Break**
16:00-18:00	**Technical Session 2 – Climate Change Adaptation and integration with DRR**
Day 2 : 29 September 2023	
09:00-10:00	**Young Scientist Session I**
10:00-11:30	**Technical Session 3 –Monitoring and early warning of natural and biological hazards**
11:30-12:00	**Tea Break**
12:00-13:30	**Technical Session 4 – Disaster risk management in the Himalayan region**
13:30-14:30	**Lunch Break**
14:30-16:30	**Special Sessions (Techno Vision 2047 for DRR)**
16:30-17:00	**Tea Break**
17:00-18:30	**Technical Session 5 - Disaster-induced displacement, migration and community response for DRR** / **Technical Session 6 – Advanced techniques - use of AI & ML in DRR**
20:00 onwards	**GALA DINNER**
Day 3 : 30 September 2023	
09:00-10:00	**Young Scientist Session II**
10:00-11:30	**Special Sessions (Special Societies)**
11:30-12:00	**Tea Break**
12:00-13:30	**Technical Session 7 – Hazard mapping and modelling, spatial vulnerability assessment, and disaster risk** / **Technical Session 8 - Monitoring and Management of man- made risks (including Na-Tech and industrial hazards)**
13:30-14:30	**Lunch Break**
14:30-15:30	**Award for Video Competition**
15:30-17:00	**Technical Session 9 - Economic perspectives, assessment of direct and indirect economic damages, estimation techniques, and policy (financing, insurance, etc.)** / **Technical Session 10 - Role of critical infrastructure (CI) in disaster risk management, and vulnerability of CI**
17:00-17:30	**Tea Break**
17:30-18:30	**Valedictory**

Additional Programmes (Tentative)

Day 0 : 27 September 2023	
09:00- 18:00	**Pre-conference event**
	1. Early Career Scientists Networking Activities, 2. Special Event by SAADRI, and 3. Events by other Disaster Related Societies

Day 4 : 01 October 2023		
09:00- 23:30	**Tour and Site visit**	
	Team A : Tehri Dam	**Team B : Dehradun**