



175 YEARS OF
IIT ROORKEE
Estd. 1847

SAADRI

South Asia Alliance of Disaster
Research Institutes



nidm
Resilient India - Disaster Free India

National Institute of Disaster
Management



Centre of Excellence in Disaster
Mitigation & Management

CoEDMM - SAADRI event series on

“Disaster Management Action Frontiers”

International Day for Disaster Risk Reduction (IDDRR)

10th - 13th October 2022



Title of the event

Centre of Excellence in Disaster Mitigation and Management (CoEDMM) Indian Institute of Technology Roorkee (IITR) - South Asia Alliance of Disaster Research Institutes (SAADRI) event series on “**Disaster Management Action Frontiers**” on the occasion of International Day for Disaster Risk Reduction (IDDRR) on 13th October 2022

Time

10th October 2022 – 13th October 2022

Venue

Centre of Excellence in Disaster Mitigation and Management
Indian Institute of Technology Roorkee
Roorkee – 247667 Uttarakhand, India

Outline

On the occasion of International Day for Disaster Risk Reduction and aligning with the activities of the 175-year celebrations of the Indian Institute of Technology Roorkee, the Centre of Excellence in Disaster Mitigation and Management (CoEDMM) IIT Roorkee and the South Asia Alliance of Disaster Research Institutes (SAADRI) jointly organizes a field expedition & training program on “*Disaster Management Action Frontiers*”.

Description

This event encompasses training of students, researchers, early-career scientists, and stakeholders on all the four pillars of disaster management i.e., preparedness, response, recovery, and mitigation stages by showcasing actual events of disasters in the field/in-situ i.e., Uttarakhand Himalayas.

Number of participants

A maximum of 20 participants from SAADRI countries - comprised of PhD students, early-career scientists, and stakeholders. Shortlisting criteria will be decided internally by IIT Roorkee. Major criteria will be based on relevant research interest, experience and ability to work on field campaigns.



Timeline of Events

The event starts on 10th October 2022. It is scheduled for 4 days, including one day on program introduction and basic training, two days of a field expedition in Uttarakhand, and one day on valedictory. The tentative schedule and list of events are as follows.

S. No	Date	Event	Activities	Time (All in IST)
1	10-Oct	Inaugural day	Inaugural address: Director IIT Roorkee Invited lectures by eminent experts in Disaster Management. Guest of the Honour: Dr. Arijit Roy Head, Disaster Management Support Program, Indian Institute of Remote Sensing (ISRO-IIRS), Dehradun, Uttarakhand, India	10:00 am to 12:00 pm
			Lunch	12:00 pm to 2:00 pm
			Institute tour: Participants will experience advanced facilities of IITR from diverse departments holistically working in Disaster Management including new age solutions. Selected departments: 1. CoEDMM: Witnessing operation of Earthquake Early Warning (EEW) system, shake table tests, flume tests and triaxial testing for landslide studies. 2. H.B. Medlicott Museum, Department of Earth Sciences 3. Low Carbon Building IIT Roorkee by Department of Architecture: Other departments based on interest.	2:00 pm to 5:00 pm
2	11-Oct	Field expeditions	Start from IITR at 6:00 am Travelling and witnessing the in-situ hydro-meteorological monitoring in Aglar river catchment. Visiting Automated Weather Stations (AWS) and understanding hydro-meteorological observations. Performing flow calculations along streams.	10:00 am to 12:00 pm
			Lunch	12:00 pm – 1:00 pm
			Community interactions about the environment and disasters. Leaving Aglar to Tehri at 3:00 pm.	2:00 pm – 3:00 pm
3	12-Oct	Field expeditions	Area: Tehri Lake Plan: in-situ observation and understanding of different types of landslides in and around Tehri. Understanding dynamics of river sedimentation due to extreme events (disasters), their effect on hydro-power projects, and their mitigation practices.	9:00 am to 1:00 pm
			Lunch	1:00 pm – 2:00 pm
			Leaving Tehri to Roorkee at 3:00 pm.	3:00 pm to 7:00 pm



4	13-Oct	Valedictory Day	3 rd Jai Krishna Memorial Lecture: Guest of Honour: Dr. Mrutyunjay Mohapatra Director General of Meteorology, India Meteorological Department, Government of India	09:30 am to 11:00 am
			Group Activities 1. All participant groups will submit reports based on the assignments given to them. 2. Receive feedback about the event and how to improvise it further. Valedictory: Address by Secretary SAADRI.	11:00 am to 12:00 pm
			Lunch	12:00 pm to 2:00 pm
			<i>Send-off</i>	

Registration

To register for this event, please fill the form given in the below link no later than 15th August 2022. <https://forms.office.com/r/3fx0XH7Aaj>

Only the selected candidates would be asked to pay a one-time registration fee for the event. For Indian Nationals: 1500 INR and for Foreigners: 15 USD.

Travel Support

All the selected candidates will be supported only for the internal travel within India from their destination to IIT Roorkee with a maximum reimbursement up to 1500 INR. Candidates from other countries need to make their own international travel arrangements. New Delhi International Airport is the nearest international airport to Roorkee. If you would need a letter of invitation for VISA purposes, please send an email request to srikrishnan@dm.iitr.ac.in and cc to coe_dmm@iitr.ac.in

Boarding and Lodging/Accommodation

Accommodation will be provided at IIT Roorkee. Breakfast, high tea, lunch and dinner will be served in buffet. Apart from the registration fees, the candidates need not pay any other amount. All the expenses will be borne by IIT Roorkee.

Website

Please visit the website <https://iitr.ac.in/iddrr2022/> frequently for the latest information.

