



Professor Surya Parkash, Ph.D (IITR), PGT (Geneva), PGT (Skopje), SDT (Ankara)
Head, GMR Division and Head, CBRN, Industrial & Cyber DRR Division

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs, Government of India)

NIDM's Role

Chapter VII: Section 42. National Institute of Disaster Management-

(1) With effect from such date (30 October 2006) as the Central Government may, by notification (vide S.O. 1862(E) dated 30th October 2006) in the Official Gazette appoint in this behalf, there shall be constituted an institute to be called the National Institute of Disaster Management.

(2) The National Institute of Disaster Management shall consist of such number of members (42 members with Union Home Minister as the President, VC NDMA as Vice President and ED NIDM as Member Secretary) as may be prescribed by the Central Government (NIDM Rules 2006 vide GSR 680(E) dated 30th October 2006).

(3) The term of office of, and vacancies among, member of the National Institute of Disaster Management and manner of filling such vacancies shall be such as may be prescribed.

(4) There shall be a Governing Body (15 Members with VC NDMA as Chairman and Union Home Secretary as Vice Chairman) of the NIDM which shall be constituted by the Central Government from amongst the members of the National Institute of Disaster Management in such manner as may be prescribed.

(5) The **Governing Body of the NIDM shall exercise such powers and discharge such function as may be prescribed by regulation.**

(6) The procedure to be followed in exercise of its powers and discharge of its function by the governing body, and the term of office of, and the manner of filling vacancies among the members of the governing body, shall be such as may be prescribed by regulations;

(7) Until the regulation are made under this section, the Central Government may make such regulation; and any regulation so made may be altered or rescinded by the NIDM in exercise of its powers.

(8) Subject to the provisions of this Act, the NIDM shall function within the broad policies and guidelines laid down by the National Authority and be **responsible for planning and promoting training and research in the area of disaster management, documentation and development of national level information base relating to disaster management policies, prevention mechanisms and mitigation measures.**

(9) Without prejudice to the generality of the provisions contained in sub-sec.8, the National Institute, for the discharge of its function, may-

(a) Develop training modules, undertake research and documentation in disaster management and organize training programmes;

(b) formulate and implement a comprehensive human resource development plan covering all aspects of disaster management;

(c) provide assistance in national level policy formulation;

(d) provide required assistance to the training and research institute for development of training and research programmes for stakeholders including Government functionaries and undertake training of faculty member of the State level training institutes;

(e) provide assistance to the State Governments and state training institute in the formulation of State level policies, strategies, disaster management framework and any other assistance as may be required by the State Governments or State training institute for capacity-building of stakeholders, Government including its functionaries, civil society members, corporate sector and people's elected representatives;

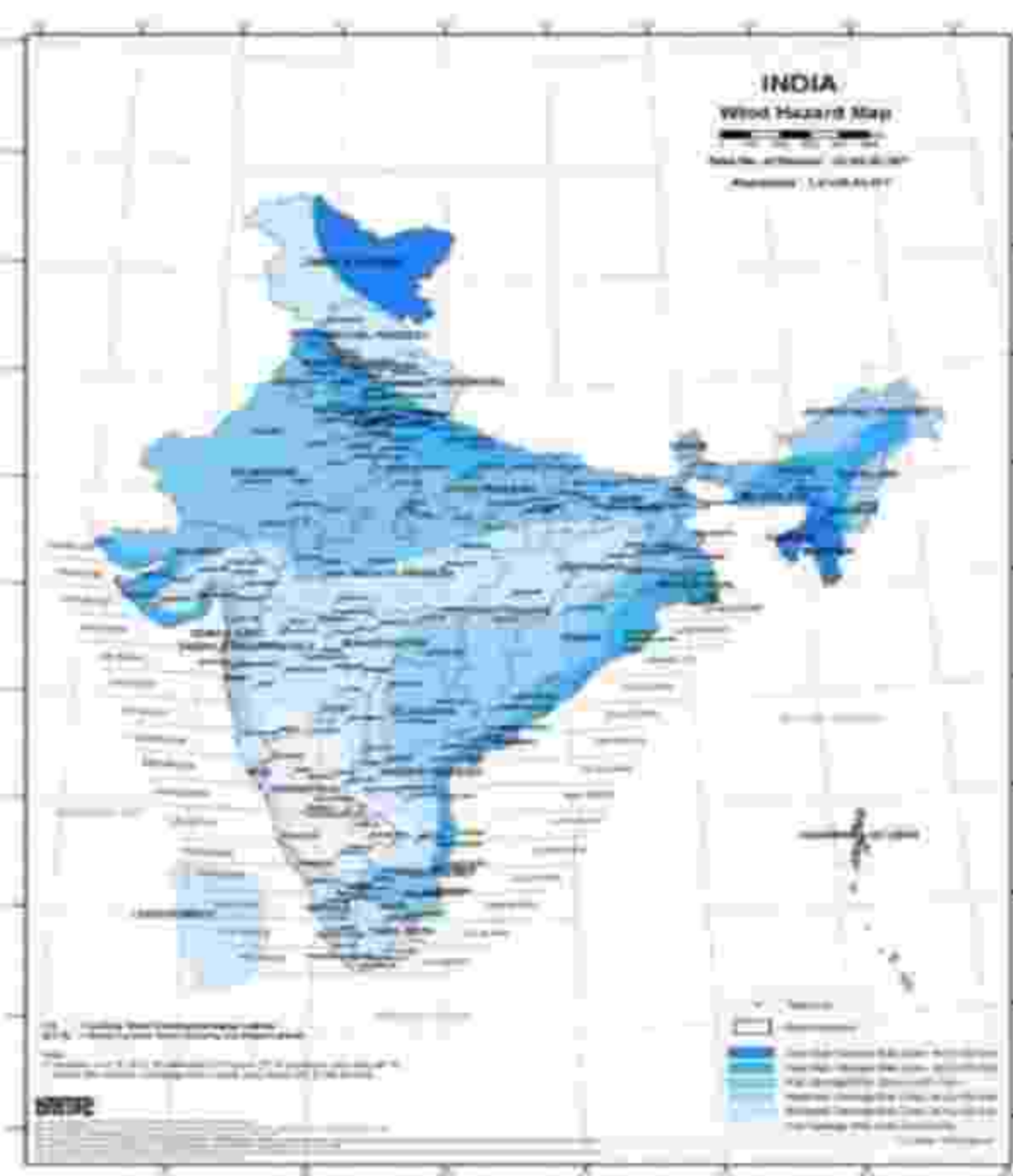
- (f) **develop education materials** for disaster management including academic and professional courses;
- (g) **promote awareness** among stakeholders including college or school teachers and students, technical personnel and others associated with multi-hazard mitigation, preparedness and response measures;
- (h) **undertake, organize and facilitate study courses, conferences, lectures, seminars within and outside the country** to promote the aforesaid objects;
- (i) undertake and provide for publication of journals, research papers and books and **establish and maintain libraries** in furtherance of the aforesaid object;
- (j) do all such other lawful things as are conducive or incidental to the attainment of the above objects; and
- (k) undertake any other function as may be assigned to it by the Central Government.

Section 43

Section 43. Officers and other employees of the National Institute- The Central Government shall provide the National Institute of Disaster Management with such officers, consultants and other employees, as it considers necessary, for carrying out its functions.



Prime Minister Narendra Modi with foreign delegates and Union Ministers at the Asian Ministerial Conference on Disaster Risk Reduction in New Delhi



INDIA

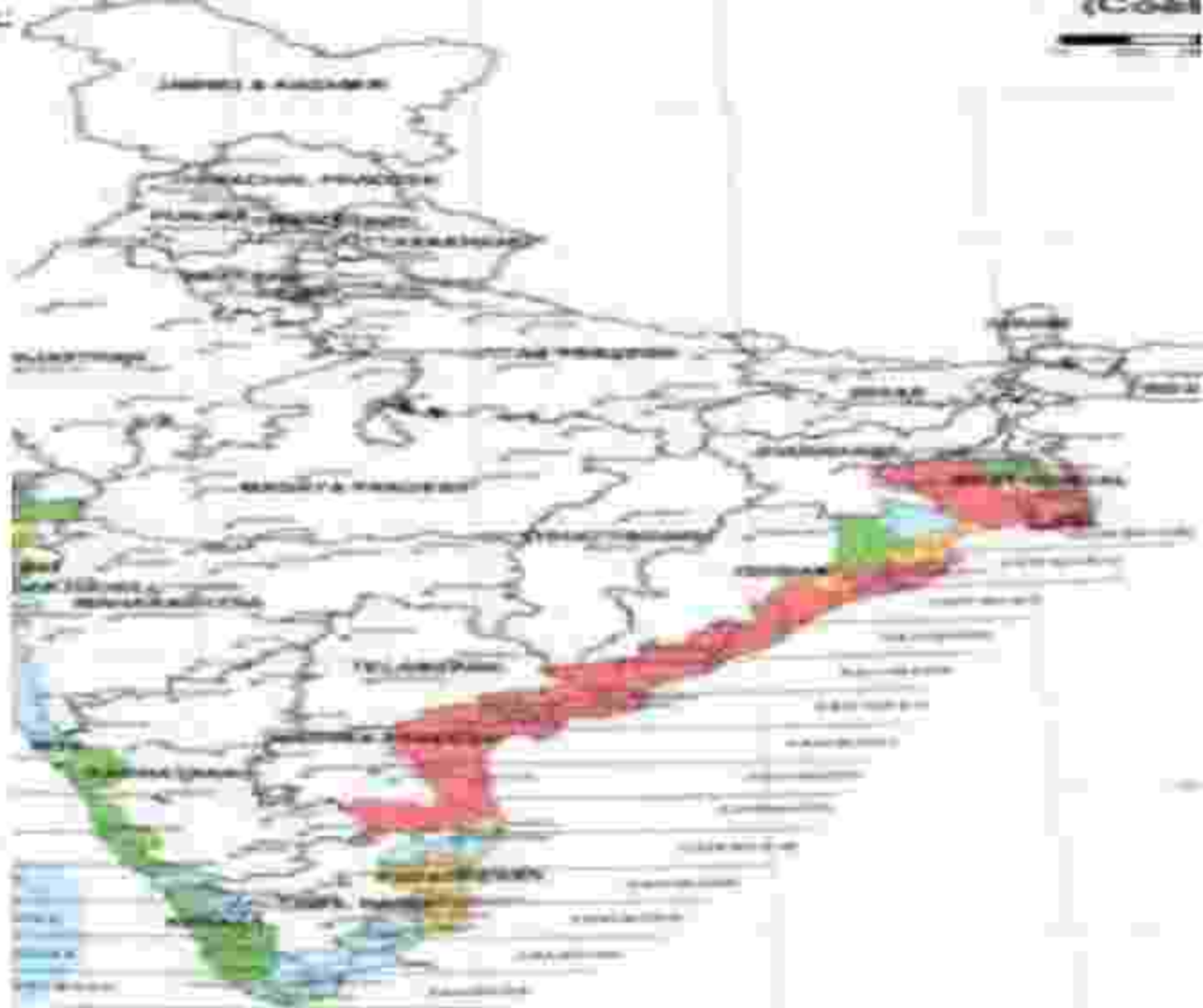
Thunderstorm Incidence Map

Monthly Number of Thunderstorms in a Month

Scale: 1:1,000,000

Map of India, 1980

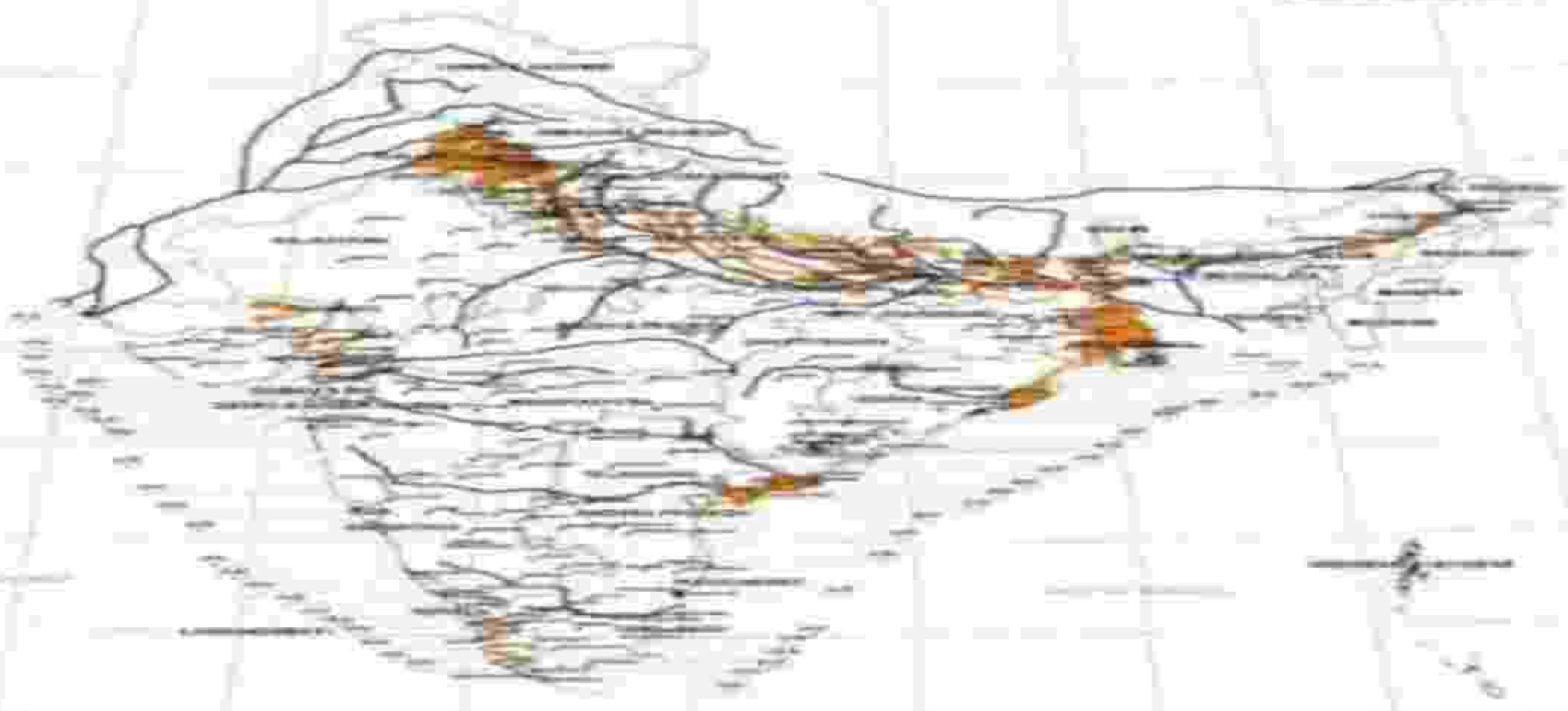
Source: IMD, India



Map of India, 1980

INDIA Flood Hazard Map

Scale: 1:1,00,00,000
Date: 15/05/2010
Author: [Name]

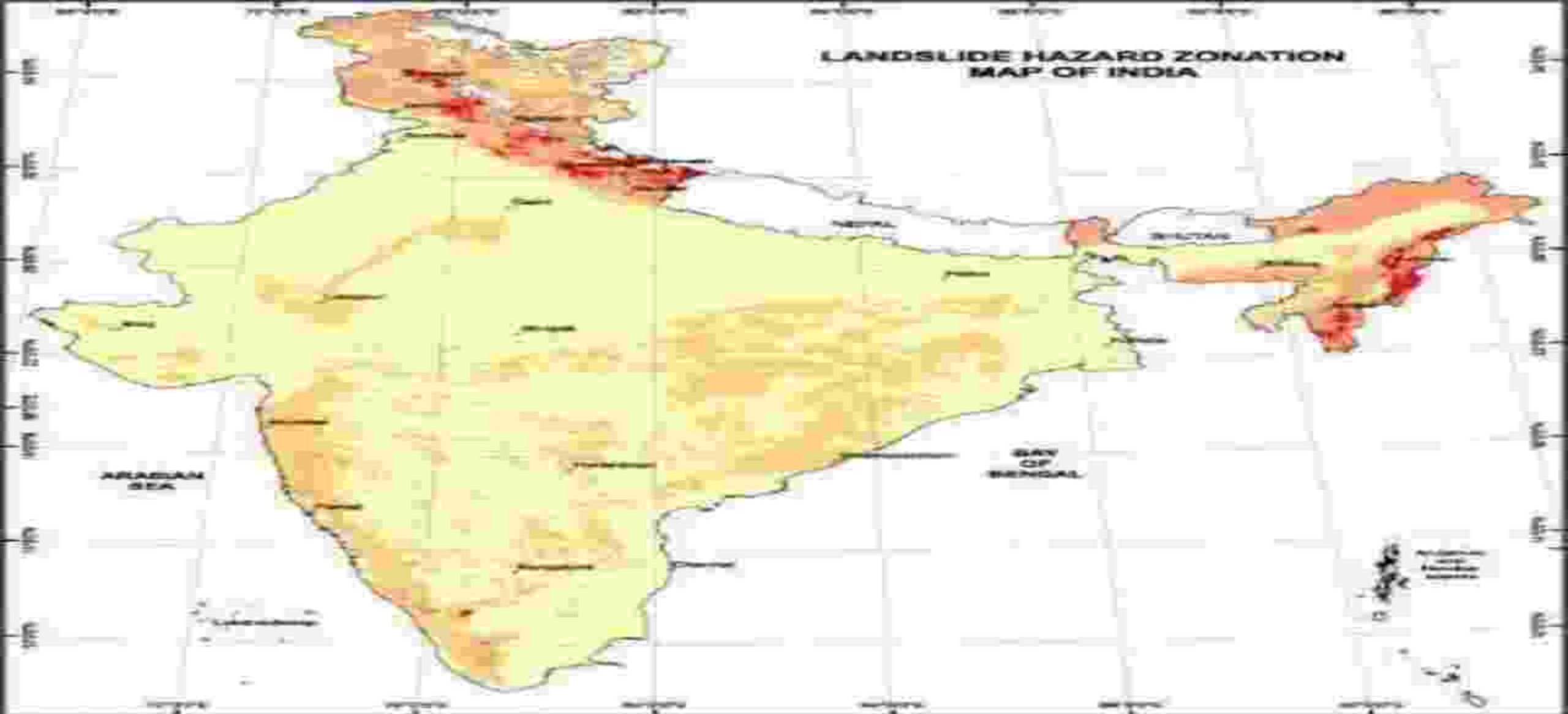


Legend

- State Boundary
- Major River
- Minor River
- Urban Area
- High Flood Hazard
- Medium Flood Hazard

Scale

LANDSLIDE HAZARD ZONATION MAP OF INDIA



1. High Hazard Zone: This zone is characterized by the highest frequency of landslides and is the most vulnerable to disaster. It is characterized by steep slopes, high rainfall, and high seismicity. It is found in the Himalayan region and parts of the Eastern Ghats and Western Ghats.

2. Moderate Hazard Zone: This zone is characterized by a moderate frequency of landslides and is moderately vulnerable to disaster. It is characterized by steep slopes, high rainfall, and moderate seismicity. It is found in the Western Ghats and parts of the Eastern Ghats.

3. Low Hazard Zone: This zone is characterized by a low frequency of landslides and is less vulnerable to disaster. It is characterized by moderate slopes, moderate rainfall, and low seismicity. It is found in the Deccan Plateau and parts of the Eastern Ghats.

4. Very Low Hazard Zone: This zone is characterized by a very low frequency of landslides and is the least vulnerable to disaster. It is characterized by low slopes, low rainfall, and low seismicity. It covers the vast majority of the Indian subcontinent.

The map is based on the following data sources:

- Topographic maps at a scale of 1:50,000 and 1:250,000.
- Geological maps at a scale of 1:50,000 and 1:250,000.
- Seismicity data from the Indian National Centre for Earthquake Data Management (INCEDEM).
- Rainfall data from the India Meteorological Department (IMD).
- Slope data from the Digital Elevation Model (DEM) derived from the Shuttle Radar Topography Mission (SRTM) data.

The map is a product of the National Institute of Space and Geomatics, Ministry of Urban Development and Planning, Government of India.

PM's 10 Point Agenda for DRR

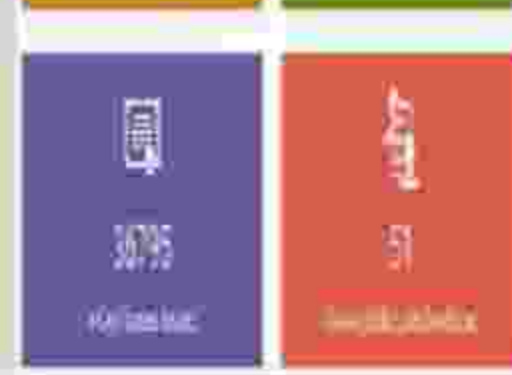
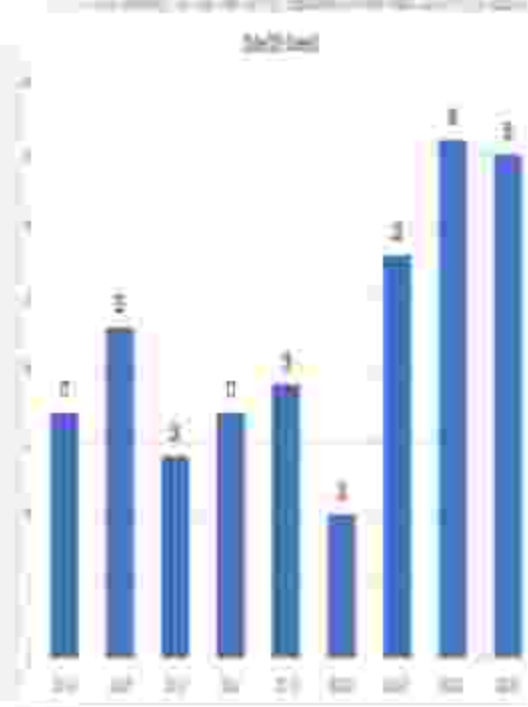
1. All development sectors must imbibe the principles of disaster risk management.
2. Work towards risk coverage for all-starting from poor households to SMEs to multi-national corporations to nation states.
3. Encourage greater involvement and leadership of women in disaster risk management.
4. Invest in risk mapping globally. For mapping risks related to hazards like earthquakes we have accepted standards and parameters.
5. Leverage technology to enhance the efficiency of our disaster risk management efforts.

PM's 10 Point Agenda for DRR (Contd.)

6. Develop a network of universities to work on disaster issues.
7. Utilise the opportunities provided by social media and mobile technologies.
8. Build on local capacity and initiative.
9. Opportunity to learn from a disaster must not be wasted. After every disaster there are papers on lessons that are rarely applied.
10. Bring about greater cohesion in international response to disasters.



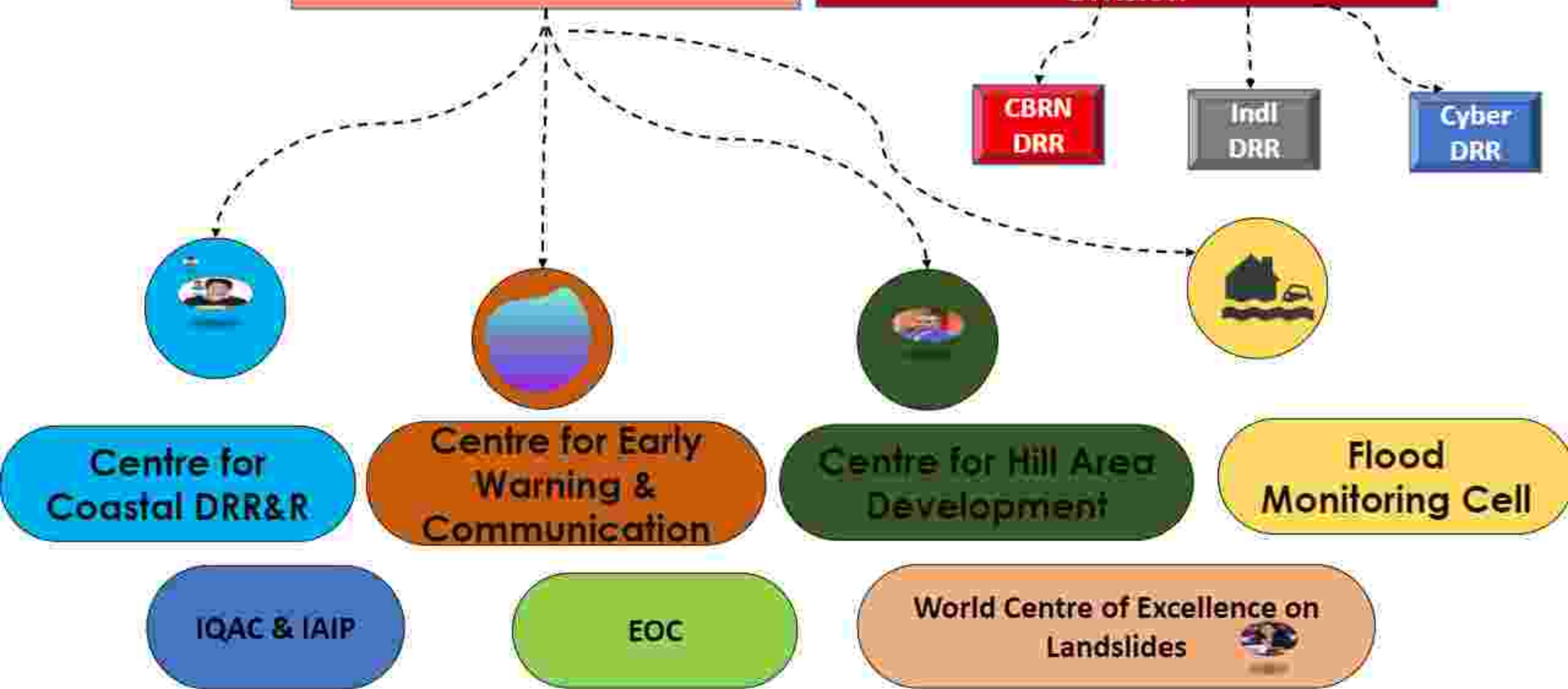
Replace with High Definition map





GMR Division

CBRN, Industrial and Cyber DRR Division





Meet The Team

GMR Division, NIDM



Prof. Surya Parkash, Head

Centre for Coastal DRR&R

Area Development

World Centre of Excellence on
Landslides

Centre for Early Warning
Communication

EOC

Flood Monitoring Cell

Dr. Harjeet Kaur
Junior Consultant
Area of Expertise:
Environmental Sciences,
Coastal DRR&R

D. Hari Hari Kumar
Young Professional
Area of Expertise:

Urban and Regional Planning, Coastal
DRR&R

Disaster Management,
Tele communications

Landslides, GIS&RS



Vinita Kumari
Young Professional
Area of Expertise:
Disaster Management,
GIS&RS



Dr. Amrit Lal Haldar
Consultant
Area of Expertise:
LIDAR & Bathymetry, GIS&RS



Specialized Centre for CDRR&R

❑ Established by **NIDM's OM** dated on **25th July 2018**

Vision :

- ① **To Support NIDM mandate** and strive relentlessly towards making a disaster free India by developing and promoting a culture of prevention and preparedness at all levels in Coastal areas



Mission :

To Support NIDM Mission

- ❖ **Research, documentation and development** of national level information base
- ❖ **System development and expertise promotion** for effective Coastal climate and disaster risk prevention, mitigation, adaptation and preparedness
- ❖ Promoting **awareness and enhancing knowledge and skills** of all stakeholders.
- ❖ Strengthening institutional mechanisms for training and capacity building of all stakeholders
- ❖ Networking (**National, State, District, interstate and inter-district**) and facilitating **exchange of knowledge, resources, information, experience, expertise, technologies, innovations and ideas**



11

Capacity Enhancement

Through Physical and virtual trainings.

Sharing of Knowledge

By conducting National workshops

Training Modules, Research Publications and Documentations

15

In relevance to coastal DRR&R
National Level Trainings

05

Workshops & Conferences

47

Webinars and Virtual Trainings

02

Training Modules
(* Training Module on Management of
Cyclone disaster in process)

01

Disaster & Development
NIDM's Bi-annual Journal

04

Research publications/
Documentation





National level Trainings

S.No	Title	Collaborative Agency	Year
1	Coastal Community Resilience against Disasters	Odisha	2015
2	Coastal Community Resilience against Disasters	GIDM	2016
3	Regional Training Programme on Flood Risk Management for officials of SAARC Countries	NIDM	2016
4	Regional Training programme on Coastal zone Management and Disaster Risk Reduction of SAARC Countries	NIDM	2016
5	Training Program on Integrated Coastal Zone Management for DRR	ILDm	2018
6	Extreme Weather Events	APHRDI, Bapatla	2018
7	Drought Mitigation and Management	APHRDI, Bapatla	2018
8	Mainstreaming, Flood & Drought Resilience: Planning and Practices	ATI, Mysuru	2018
9	Climate Change, Hill Area Development and Landslides Management	KSDMA, Kerala	2019
10	Drought Management	APHRDI, Bapatla	2019
11	Climate Change and Extreme Weather Events	APHRDI, Bapatla	2019
12	Coastal Disaster Risk Reduction and Resilience	APHRDI	2019
13	National level training programme on Coastal Disaster Risk Reduction & Resilience	Daman & Diu	2020
14	National Level Training Programme on " Multi-Hazard Risk Assessment & Management in Coastal Areas "	Institute of Petroleum Safety, Health and Environment Management-ONGC, Goa	2021
15	National Level Training Programme on " Preparedness and Capacity Enhancement of Coastal Communities on DRR&R "	Institute of Land and Disaster Management, Govt. of Kerala	2022



Workshops/Conferences

- ❖ **Confronting Successive Droughts: Reducing Risk and Enhancing Resilience of Women & Children** during 8-9 June, 2017 at Vijayawada, Andhra Pradesh
- ❖ International workshop on **Reinforcing Coastal Zone Disaster Management: Saving Lives, Habitats and Livelihood of People** (India & Coastal Neighborhood countries) 2018. from 15th-17th November 2018, New Delhi
- ❖ State Level Workshop on Managing the **Cyclone Fani; Lessons Learnt and the Way Forward** organized on 26-28th August 2019 in Odisha and **Cyclone Phailin** during the year 2013.
- ❖ National Conference on **Coastal Disaster Risk Reduction and Resilience (CDRR&R)-2020** on 25th Feb 2020, New Delhi
- ❖ Virtual Workshop on **SHIFTING LANDS, FLOWING WATERS: Transboundary Cooperation For Water And Related Issues In South Asia 2021** from 16-19th March 2021





Webinars

S.No	Title of the Webinar	Collaborative Agency	State
1	Disaster Risk Reduction & Resilience for IWT sector	IWAI, Ministry of Ports, Shipping and Waterways	Delhi
2	Youth empowerment towards Coastal Disaster Risk Reduction & Resilience	Rajiv Gandhi National Institute of Youth Development Ministry of Youth Affairs & Sports	Chennai
3	webinar on Advances in Tsunami Sciences and Disaster Risk Reduction	INCOIS	Andhra Pradesh
4	Building Coastal Community Resilience against Disasters	SPHERE India	Delhi
5	1999 Odisha Super Cyclone: Recalling the Lessons and Advancement	OSDMA	Orissa
6	Safe Congregation and Celebration during Festivals	ILDM	Kerala
7	Coastal Area Planning and Management in Collaboration		Telangana
8	Enhancing Resilience of Coastal and Marine Ecosystem		Orissa
9	Strengthening Integrated Flood Risk Management		Bihar
10	Socio economic impact of Pandemic in fisheries & Coastal ecosystem in Island		Andaman Nicobar Islands
11	Community Preparedness for Fire Induced Disaster		Gujarat
12	Climate change and Flood hazard management on the Brahmaputra Tributary		Assam
13	Earthquake Risk Mitigation: Challenges and Opportunities	AIUMI	Gujarat
14	Building Back Better: after 2001 Bhuj Earthquake - Translating Lessons Learnt into Actions	Department of Earth and Environment Science Khandaguru Shivani Krishna Verma Kachchh University, Bhuj,	Gujarat
15	Earthquake Reduction and Resilience for the ONGC Personnel	IPSHEM, ONGC	Goa
16	Impact of Climate Change and Sustainable Development Goals	JSS Academy of Higher Education & Research Mysuru	Karnataka
17	Webinar on Disaster Management Plan	Central University of Karnataka Katuragi,	Karnataka
18	Integrated Water Resource Management, Hydro-Resilience and Sustainability under Climate Change	Manipal School of Architecture and Planning, Manipal Academy of Higher Education (MAHE),	Karnataka
19	Gender and COVID 19 Pandemic In Kerala	DEPARTMENT OF ECONOMICS, SREE NARAYANA COLLEGE,	Kerala
20	Covid 19 Pandemic Assessment of Informal Labour Markets	SREE NARAYANA COLLEGE, Kollam,	Kerala
21	Double Disaster: Covid & Cyclone – Impact and Way Forward	NIDM	Delhi
22	WASH in Covid Times	Sarwati Narayan College	Tamil Nadu
23	Socio-economic Impact of Pandemic on Island Tourism	Andaman College	Port Blair
24	Urban Heat Wave and Management	Institute of Disaster Management (IIDM)	Tamil Nadu
25	Adolescents Health & Psycho-Social Concerns amidst Resurgence	Sri Meenakshi Govt. Arts College	Tamil Nadu
26	Revisiting the Cyclone Risk Management during Pandemic	NIDM	Delhi
28	Role of Cyber Security Technology In Disaster Management System	Sri Sri University, Cuttack	Odisha
29	Cyber Risk Mitigation and Disaster Management	FICCI	Delhi
30	Cyber Disaster Risk Reduction & Resilience	NIDM	Delhi
31	Tsunami Risk Reduction and Resilience	INCOIS	Andhra Pradesh
32	Advances in Tsunami Sciences and Disaster Risk Reduction	INCOIS	Telangana





Virtual Trainings

S.No	Title of the Training Programme	Collaborative Agency	State
1	Basics of Disaster Management	Reliance Retail	Maharashtra
2	Training Programme on Coastal Disaster Risk Reduction and Resilience	SAIARD	West Bengal
3	Socioeconomic Drought Management through Community Engagement	Swayam Shikshan Prayog	Maharashtra
4	Sustainable Coastal Community Based DRR	The Tamil Nadu Dr. Ambedkar Law University, Chennai	Tamil Nadu
5	3 Days Online Training Programme on Youth Centric Coastal DRR&R	Youth Development Ministry of Youth Affairs & Sports	Tamil Nadu
6	Earthquake and Cyclone Disaster Risk Mitigation Department of Civil E	Department of Civil Engineering	Andhra Pradesh
7	3-Days International Training Programme on "Crisis and Disaster Management"	Madras Christian College	Tamil Nadu
8	5 day's faculty Development programme on Disaster Management	Pondicherry Institute of Technology	Puducherry
9	Space Technology in Disaster Management	ISRO	Andhra Pradesh
10	Disaster Management	IPSHEM, ONGC	GOA
11	Disaster Management for the Town and Country Planning Department	Town and Country Planning Department, Puducherry	Puducherry
12	"Coastal Disaster Risk Reduction and Resilience	APHRDI	Andhra Pradesh
13	3-day Online Training Programme on "Flood Risk Management"	OSDMA	Odisha
14	Training Programme on Coastal Hazard Management: Way towards Resilience	NCCR	Tamil Nadu
15	Online Training Programme on Engagement of Youth In Disaster Risk Reduction and Resilience	Rajiv Gandhi National Institute of Youth Development, Ministry of Youth Affairs & Sports, Tamil Nadu	Tamil Nadu

Curriculum Development

- All India Council for Technical Education (AICTE)
- University Grants Commission (UGC)
- NCERT
- University of Mysore
- Bangalore University
- Panjab University
- Jamia Millia Islamia University
- FRI University, Sikkim University and several other universities
- UNIVNET / IUINDRR



Research Publications & Training Modules

- ✓ **Floods Challenges and its Management : Case Study of Gujarat Floods – 2017** published in the year 2021
- ✓ **Chennai Flood 2015** published in the year 2021
- ✓ **Cyclone Fani 2019: A field based Report Lessons Learnt** published in the year 2021 with OSDMA
- ✓ **Kerala Floods 2018** published in the year 2021
- ✓ **Suggested Policy and Advocacy Interventions for Flood Risk Management** –Under printing process
- ✓ Training Module on **Management of Cyclone Disaster** – First Draft Completed
- ✓ published 10 volumes of NIDM's bi-annual Journal titled "**Disaster & Development**"





National Drought Consultation

CONFRONTING SUCCESSIVE DROUGHTS: ENHANCING RESILIENCE OF CHILDREN AND WOMEN

A National Consultation Organized by NIDM and UNICEF

15-16 December 2017 at THE CLARIFIDES, New Delhi

Agenda

Thursday, December 15, 2017

2:00 am to 2:30 am Registration and Reception

Invitational Session

Time (hrs)	Topic / Activity and Resource Person(s)	Designation and Affiliation
9:30 am to 10:30 am	<ol style="list-style-type: none"> Welcome Address: Prof. Santosh Kumar Special Address: Louis Georges Aréarant Special Address: Dr. L. S. Rathore Inaugural Address: Dr. Kamal Khosla Release of the Drought Assessment Report – "When Coping Crumbles" Vote of Thanks: Dr. Surya Parkash 	Executive Director, NIDM UNICEF-Country Representative WMO-Country Representative Member NCMA NIDM
10:30 - 10:50	Tea/coffee Break & Group Photo	
10:50 - 12:45	Technical Session I: Framing of the Issue	
10:50 - 11:00	Chair: Mr. G. Radhakrishnan Co-Chair: Dr. Surya Parkash Rapporteur: AIDM	Emergency Analyst, UNDP Head, Hydro-Meteorological Hazards Division, NIDM
11:00 - 11:15	Overview of Drought Situation in India and India's Efforts to Mitigate Drought	Dr. Srinendu G. Ray, Director, MNCFC

Confronting Successive Droughts: Reducing Risk & Enhancing Resilience of Women and Children

In line with the 2016 Revised National Drought Manual to Enhance Community and Social Sector Resilience and Respond to the Needs of Children, Women and Communities at Large

A National Consultation Workshop organized by Ministry of Home Affairs, NIDM, MoAC&FW, and UNICEF

Vijaywada, 8-9 June 2017

1. Introduction

The unprecedented drought 2015-16, categorized as one of the worst in the history of India, affected more than 330 million people in more than 2.5 lakh villages of 266 districts from 11 states. It had a devastating impact on people's lives, particularly women and children as it affected water availability, agriculture, food production and food security, natural resources. It had a large economic impact affecting livelihood and public finances. Meanwhile, the emerging – continued – drought situation in Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and Telangana show that stresses resulting from water scarcity and extreme climate events, starting with these the four states in the southern peninsula, yet again affect agricultural production, livelihood and well-being of families in 2017. They confirm recent climate reports report findings on global warming and require urgent action to better prepare and better manage

Following the unprecedented drought situation in 2015-16, the NIDM-UNICEF organized a national consultation on *Confronting Successive Droughts: Enhancing Resilience of Women and Children* in Delhi on 15 and 16 December 2017. Participants reviewed the UNICEF commissioned assessment on the impact of drought and drought like situation across nine states (see box below) and suggested a series of recommendations to be considered for the Supreme Court instructed revision of the 2009 National Drought Manual and implementation of provisions by Union and State governments.

The UNICEF commissioned assessment on the impact of drought and drought like situation across 9 states (24 districts, 98 blocks and 150 villages) in 2016 indicated, water stress and crop failures resulting in shrinking food basket of nearly 80 per cent of the households in all the 24 districts covered under the study. The impact was so serious that for about 80 per cent of households public distribution became the only source of food. The assessment revealed that an estimated 37.3 million children under five years of age (U5), in the rural areas of the eight states where the assessment was carried out, were identified as adversely impacted by drought. It was also observed that development deficits coupled with diminishing community based coping mechanisms have increased insecurities and hardships for children, women and their families. The consecutive drought had a significant impact on securing water, food, and fuel—activities that are traditionally assigned as the responsibility of women and girls.





nidm
National Institute of Disaster Management

National Workshop on
PHAILIN CYCLONE 2013: LESSONS LEARNT

PROCEEDINGS



Prepared by
Dr. Surya Parkash and Y. K. Saha Roy

Organized by
National Institute of Disaster Management
(Ministry of Home Affairs, Government of India)
W-1, K. K. Birla, Nehru Park, Connaught Place, New Delhi-110022
www.nidm.gov.in
info@nidm.gov.in

MANUAL FOR DROUGHT MANAGEMENT

DECEMBER 2016



Department of Agriculture, Cooperation & Farmers Welfare
Ministry of Agriculture & Farmers Welfare
Government of India
New Delhi

“फैलिन-समकाल 2013 के सीमा”
2013.05.28-29
राष्ट्रीय विपदा प्रबंधन बोर्ड
एन.डी.एम.ओ.
राष्ट्रीय संस्थान
FEDERAL BUREAU OF
DISASTER MANAGEMENT
NIDM
NATIONAL INSTITUTE OF DISASTER MANAGEMENT
Ministry of Home Affairs

“PHAILIN CYCLONE 2013: LESSONS LEARNT”

Friday, 28 May, 2014

nidm

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
Ministry of Home Affairs



“फैलिन चक्रवात 2013 से सीखें”

पुणे, 30 मई 2014

राष्ट्रीय आपदा प्रबंधन संस्थान

(एन आई डी एम, अंतराष्ट्रीय)

राष्ट्रीय कार्यशाला

National Workshop

“PHAILIN CYCLONE 2013: LESSONS LEARNT”

Friday, 30 May 2014

Organised by

nidm

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs, Govt. of India)



Dr. Satendra
NIDM

Dr. K. Srinivasan
NIDM

Dr. M. Srinivasan
NIDM

Dr. M. Srinivasan
NIDM

Chennai Flood in 2015

- 1,049 mm (41.3 in) of rainfall in November, the highest recorded since November 1918 when 1,088 mm (42.8 in)
- Worst in a century





CHENNAI FLOOD 2015



National Institute of Disaster Management
(Ministry of Home Affairs, Government of India)



Floods Challenges and its Management *Case Study of Gujarat Floods - 2017*



National Institute of Disaster Management (NIDM)
(Ministry of Home Affairs, Government of India)



Cyclone Fani 2019

A Joint Issue Report

LESSONS LEARNT

NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA)
AND
ODISHA STATE DISASTER MANAGEMENT AUTHORITY



KERALA FLOODS 2018

മുഴുവൻ



National Institute of Disaster Management (NIDM)
(Ministry of Home Affairs, Government of India)





National Workshop on

**Malin Landslide 2014:
Lessons Learnt**

On Friday, 16 January 2015

Venue: Conference Hall,
NIDM, New Delhi





**Landslide occurred at Government College,
Munnar, Idukki District, Kerala during August 2018**



NATIONAL INSTITUTE OF DISASTER MANAGEMENT SOUTHERN CAMPUS
(Ministry of Home Affairs, Government of India)



Training Programme

on “Coastal Disaster Risk Reduction and Resilience”

during 3 - 5 September 2019 at APHRDI Regional Centre, Visakhapatnam

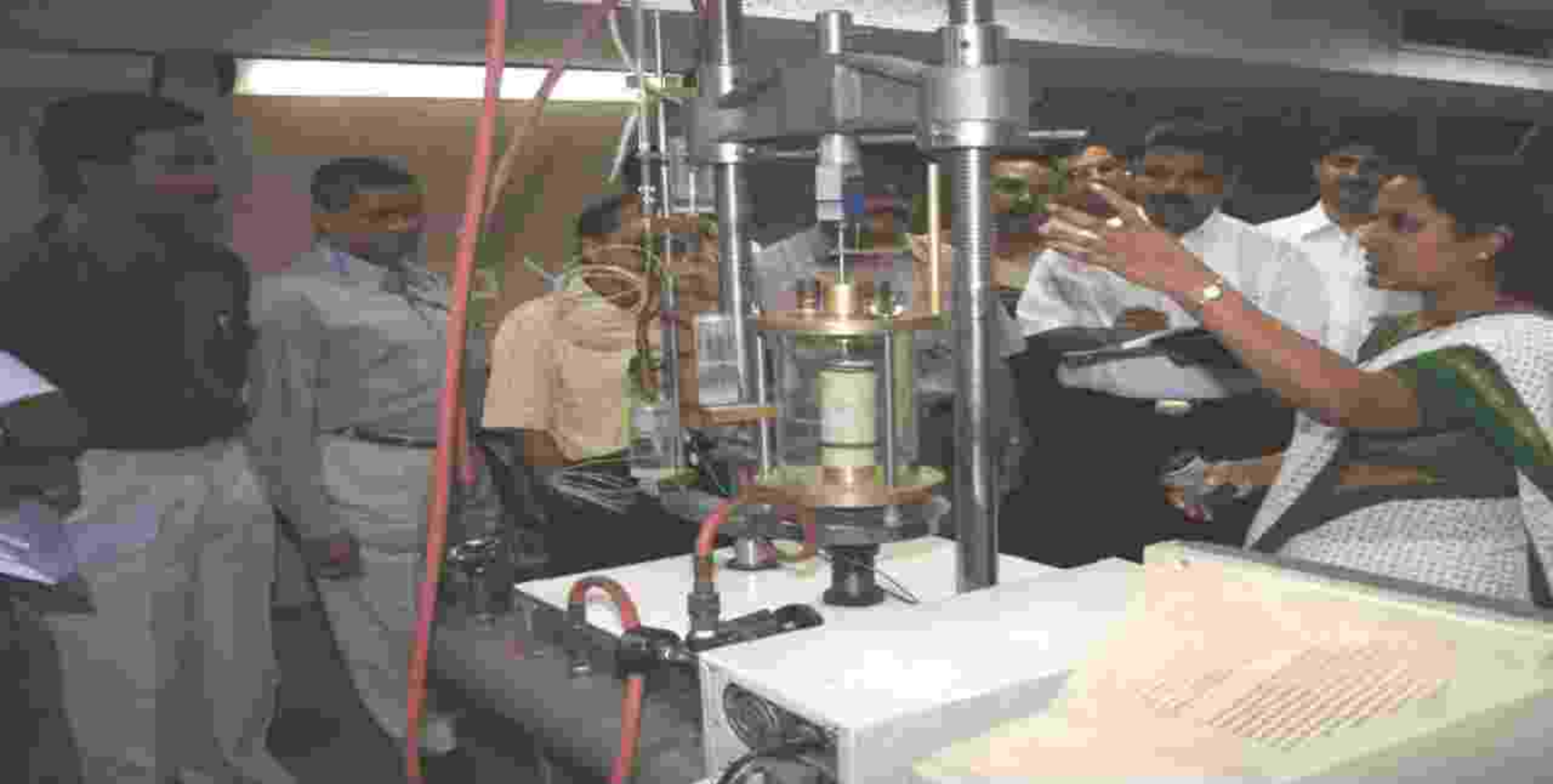




Mock Exercise for first aid to landslide victims



Training on Computer based applications like GIS for Disaster Management



Laboratory based trainings and exercises



Stay Protected from Corona



Wear mask properly



Wash Hands with Soap



Maintain safe distance





ACTION TO BE TAKEN

PRE CYCLONE

LONG TERM Measures

- Data Monitoring & analysis (static & dynamic)
- Cyclone shelters
 - UPRISE & MAINTENANCE
 - FOOD, MEDICINE, DRINKING WATER, COVER (DIESEL GENERATORS), INVERTED
- ENVIRONMENTAL SUPPORT
 - (1) HANDING PLANTATION (FIRST LINE OF DEFENSE)
 - (2) FISHING REGULATIONS
- AWARENESS PROGRAMME of SCHOOL, COLLEGE, RESIDENTIAL AREA, INDUSTRY
- SKILL DRILL
- CAPACITY BUILDING of community

SHORT TERM Measures

- FORECASTING & EARLY WARNING SYSTEM (SMA, SWS)
- INFORMATION DISSEMINATION by MEDIA, SOCIAL MEDIA, MAIL
- COMMUNITY CENTRAL CENTRE of various work (TAP, JAW, etc)
- EVALUATION FROM VULNERABLE / LOW LIVING PLACES - (HUMAN & ANIMAL)
- DISSEMINATION OF EARLY WARNING SYSTEM TO AFFECTIVE AND SAFETY
- COORDINATION among all departments (HEALTH, AGRICULTURE, POLICE, FIRE, etc)

DURING CYCLONE

EVALUATION (if any loss)

- DAMAGE CAUSE DURING VULNERABLE, HAZARDOUS, RISKY, LOSS, ETC
- PERSONS / RESOURCES RELATIONSHIP OF OCCUPANCY, IDENTIFICATION
- CONTROL MEASURE AND REPAIR WORK REQUIRED

POST CYCLONE

Relief, Resum, Rehabilitation Resettlement

- LIVELIHOOD MEDICAL CAMPS
- KNOWLEDGE SHARING OF EXPERIENCE TO FUTURE WORK, RECOVERY
- EXTENSION NUMBER & COMMUNICATION CHANNELS, TELECOMMUNICATION LINE (REPAIR THE LOST LINE) (CABLE, FIBRE)
- REPAIRING DAMAGE (DRAINAGE, FLOODING, TO FACILITY COMMUNICABLE OPERATIONAL)
- ESTABLISHMENT OF WORKING LEVEL (PROPERTY LOSS) WILL
- EX-GRATIA, COMPENSATION (REPAIRING DAMAGE)
 - CARP, VARIOUS LOANS
 - HOUSE REPAIR
 - INSURANCE VOUCHER
- IDENTIFICATION

BRING BACK BETTER
BUILD BACK BETTER

Lessons to be learnt, update data



Notice regarding the admission of students to the Department of Social Medicine (DSM) for the year 2023-24. The department is seeking applications from students who have completed their undergraduate studies in the field of medicine and are interested in pursuing a postgraduate degree in Social Medicine. The application process is open until the end of the month. For more information, please contact the department office.





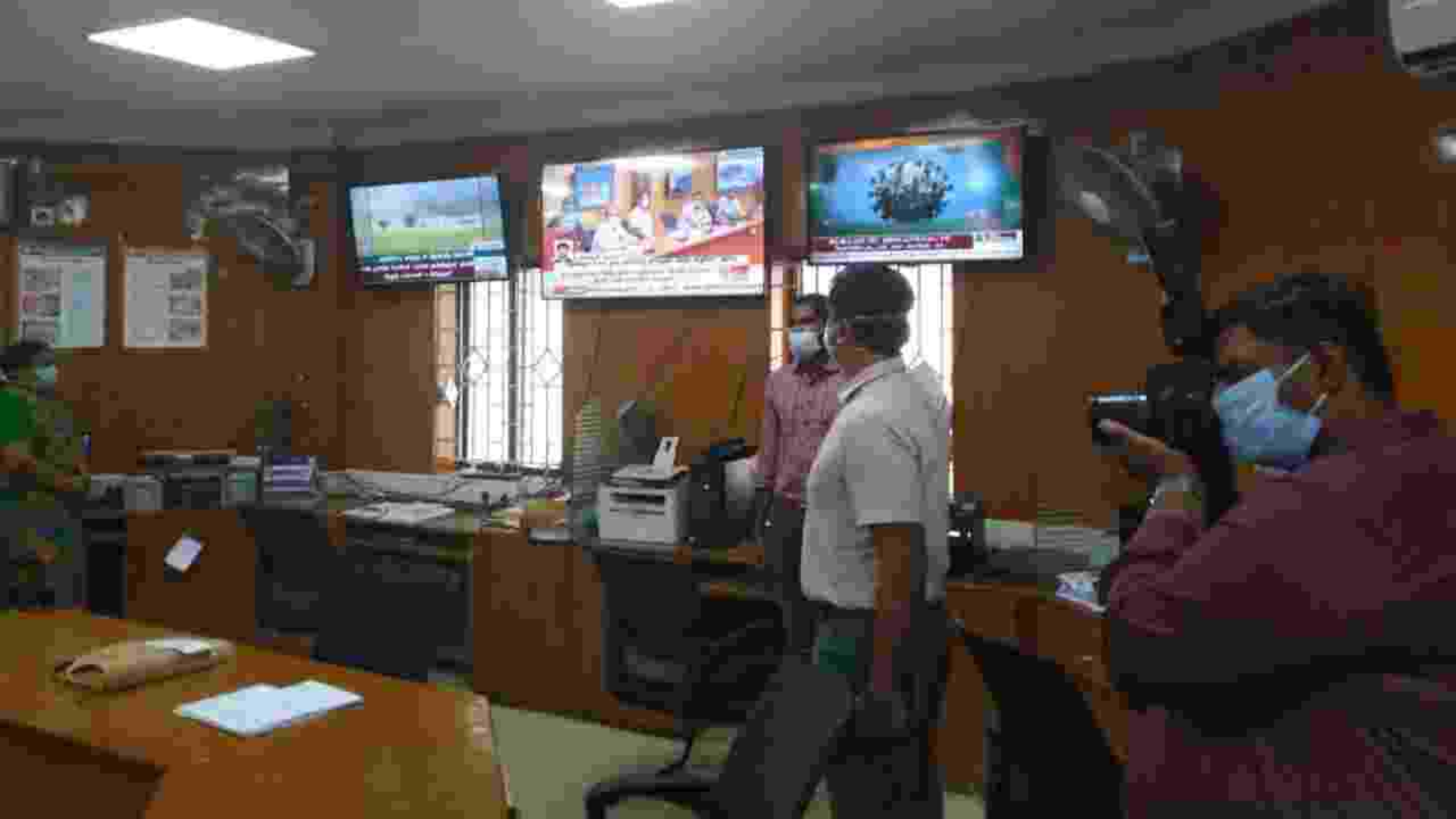


Capacity Development for Landslides Risk Management among Rural Communities



STATE EMERGENCY OPERATION CENTRE
O/o COMMISSIONER OF REVENUE ADMINISTRATION





ಶ್ರೀ ಮಹಾಶಿವಯ್ಯಾಚಾರ್ಯರ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಹಂಪಿ

ಶ್ರೀ ಮಹಾಶಿವಯ್ಯಾಚಾರ್ಯರ ವಿಶ್ವವಿದ್ಯಾಲಯ
ಪ್ರಾಚಾರ್ಯರ ವಿಶ್ವವಿದ್ಯಾಲಯ

ಶ್ರೀ ಮಹಾಶಿವಯ್ಯಾಚಾರ್ಯರ ವಿಶ್ವವಿದ್ಯಾಲಯ
ಪ್ರಾಚಾರ್ಯರ ವಿಶ್ವವಿದ್ಯಾಲಯ



GREATER CHENNAI CORPORATION
COVID-19
TELE COUNSELLING CENTER





This system is based on the international standard ISO22320[®] and supports strategic emergency management at an emergency operations center (EOC) using WebEOC[®].

© ISO22320 Technical committee - Emergency Management - Requirements for incident response

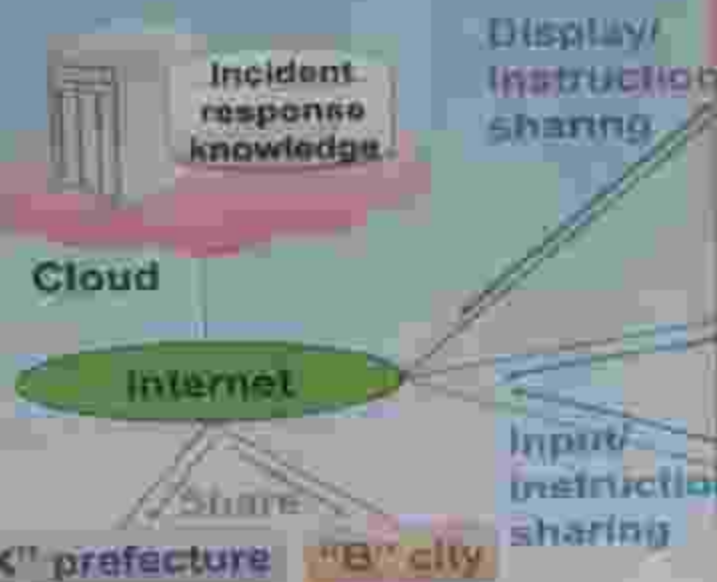
Plan



Do



See



EOC

Division staff

Disaster site

Local government of "A" city

Features

- Display summarized status of an entire incident response on three screens (Plan, Do, See).
- Help to prepare a common operational picture (COP) effectively.
- Promote standardization of incident response for information sharing and cooperation with various organizations efficiently.

INCIDENT RESPONSE SYSTEM





1ST INTERNATIONAL CONFERENCE ON LANDSLIDES RISK REDUCTION AND RESILIENCE - 2019

Thursday, 28th November 2019
The Ashok Hotel, New Delhi, India

Organized by: NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs, Govt. of India)



1ST INTERNATIONAL CONFERENCE ON LANDSLIDES RISK REDUCTION AND RESILIENCE - 2019

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The Ashok Hotel, New Delhi, India

Organized by: NATIONAL INSTITUTE OF DISASTER MANAGEMENT
(Ministry of Home Affairs, Govt. of India)

Chief Guest and other dignitaries at dais during the Inaugural Session

From left to right : Dr. Surya Parkash (NIDM), Shri Karnal Kishore (NDMA), Maj. Gen. Manoj Kumar Bindal (NIDM), Chief Guest Shri G. Kishan Reddy (MoS, MHA), Shri G. V. V. Sarma, IAS (NDMA), Lt. Gen (Retd.) N. C. Marwah (NDMA) and Shri Sanjeev Kumar Jindal (MHA)



Training Module on Communications for Disaster Management



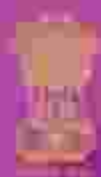
National Institute of Disaster Management (NIDM)
(Ministry of Home Affairs, Government of India)



Training Module on COMPREHENSIVE LANDSLIDES RISK MANAGEMENT



National Institute of Disaster Management (NIDM)
(Ministry of Home Affairs, Government of India)



FIRES IN INDIA: LEARNING LESSONS FOR URBAN SAFETY



National Institute of Disaster Management (NIDM)
Ministry of Home Affairs, Government of India



SHIFTING LANDS, FLOWING WATERS :
Transboundary Cooperation For Water
And
Related Issues In South Asia

International Roundtable

PROCEEDINGS AND ABSTRACTS



Organised by
The Institute of Social Sciences (TISS)
Osian India

and
National Institute of Disaster Management (NIDM)



National Institute of Disaster Management
Ministry of Home Affairs, Government of India





The International Programme on Landslides (IPL)
Global Promotion Committee

THIS IS TO CERTIFY THAT

National Institute of Disaster Management

HAS BEEN APPROVED AND ENTITLED TO USE THE TITLE

WORLD CENTRE OF EXCELLENCE ON LANDSLIDE DISASTER REDUCTION
2011 - 2014

AT THE SECOND WORLD LANDSLIDE FORUM IN ROME, ITALY
THIS THIRD DAY OF OCTOBER 2011


Giovanna Biondi, Chairperson of the IPL GPC

Award of Excellence

- Received **Skoch Order of Merit for Awareness Creation & Sensitization in Disaster Management through E-Learning** for Qualifying in India's Best Governance Projects in the year 2014 (jointly with CDAC Noida)



Disaster & Development

Vol. 7 | Number 1 & 2, | December 2013

ISSN: 0973-6700

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- A Model Integrating Flood Disaster Resilience into Developmental Plans for Adaptation to Climate Change: A Case Study from Northern India
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Dr. S K PATTANAYAK
Secretary



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कृषि, श्रमजीव एवं किसान कल्याण विभाग
Government of India
Ministry of Agriculture & Farmers Welfare
Department of Agriculture, Cooperation
& Extension Welfare

COMMENDATION CERTIFICATE

The Department of Agriculture, Cooperation and Farmers' Welfare, Government of India set up a Group of Experts for updation and revision of the Manual for Drought Management, 2009.

2. I acknowledge and commend the valuable services rendered by Dr. Surya Prakash, Associate Professor, National Institute of Disaster Management (NIDM), New Delhi in the preparation of the Manual for Drought Management, 2016.

(S K Pattanayak)

Date: June 27, 2017



Way Forward

- Collaborative Regional Trainings with ATIs, SIDMs, SDMAs, SIRDs, DDMAAs, Academic and Research Institutes, Line Departments
- Linkage and Networking with relevant stakeholders (International, National, State, District, Inter-state and Inter-district), IDRN, IDKN
- Documentation and Publication (Biannual Journal – Disaster and Development)
- Workshops, Conferences and Seminars on DM
- Facilitation in Development of DM Plans, Policies, Procedures







<https://www.facebook.com/watch/?v=1224180654271162>



National Disaster Management Authority, India

November 20, 2016 · 🌐



#IITF2016, Hall No.12, Pragati Maidan, New Delhi: Panel Of Disaster Management Experts Discussing #Earthquake Safety Tips.



<https://www.facebook.com/watch/?v=1217438881612006>





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川卷县城





地震科普体验馆

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ENTRANCE



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5-12 WENCHUAN EARTHQUAKE MEMORIAL MUSEUM

防灾减灾宣传教育中心

DISASTER PREVENTION AND EDUCATION CENTER



1949



1950



1951



1952





1. 中国行政区划图
2. 中国主要城市分布图
3. 中国主要河流分布图
4. 中国主要山脉分布图
5. 中国主要湖泊分布图
6. 中国主要港口分布图
7. 中国主要机场分布图
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Thanks.....