

## Editorial Board

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## Highlights

### National Workshop on Uttarakhand Disaster

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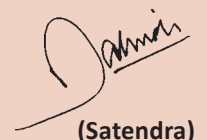
## Message

This new year, NIDM hopes that our country faces fewer disasters and we are marching steadily towards adapting appropriate mitigation measures against the impact of disasters via our various training programs and activities that NIDM is conducting regularly. “Phailin” the Very Severe Cyclonic Storm that hit India’s eastern coast has set a good example with respect to pre-disaster preparedness and mitigation measures taken well in advance against the approaching storm. Firm administrative approach and proper planning in providing preparedness in terms of timely meteorological warnings and their dissemination to the affected communities, effective evacuation, search and rescue and adequate relief provisions ahead of cyclone lessened its impact to a great extent.

Cyclones are common in India. Since, India has long coastal line, it is much affected by the disturbances occurring in the sea and both its east and west coasts experience cyclones in the pre and post monsoon seasons annually.

Every year India faces at least two cyclones in its coastal plains, which affect the lives, livelihood, property and economy of the affected States. It is essential that we learn lessons from “Phailin” that hit Odisha in October 2013 and practice and adopt similar mitigation techniques and preparedness initiatives that can eventually help save many lives and destruction during any cyclonic storm. As compared to previous cyclones there has been huge reduction in casualties in this particular event, even though, there was some property damages. The timely dissemination of information regarding cyclone and preparedness measures taken helped in mitigating the adverse impact of the approaching disaster effectively. NIDM in this regard has been promoting safety and preparedness measures through its publications, IEC materials, awareness programs, etc. via various channels to reach the masses from top most level to the grass root levels. For more effective mitigation and preparedness NIDM continuously encourages people to learn and become aware through participation in basic skills of disaster risk management. NIDM also participates in college fests and school programs to promote and disseminate its learning among the youth and masses to prepare them against emergencies.

I hope that in 2014, NIDM will be able to spread awareness and educate more people about disaster management and help the nation in much better disaster management and mitigation in upcoming time.



(Satendra)

## National Workshop & Exhibition on “Uttarakhand Disaster – 2013: Lessons Learnt & Way Ahead”

March 13- 14, 2014, NIDM, New Delhi



Hon'ble Member NDMA, Dr. JK Bansal and other dignitaries on the dais

National Institute of Disaster Management, New Delhi organized a National Workshop & Exhibition on “Uttarakhand Disaster - 2013: Lessons Learnt & Way Ahead” on 13-14 March 2014 at NIDM, with an objective to discuss the content of the Uttarakhand Disaster Report with concerned agencies, resource persons and experts to seek their comments and suggestions and cross cutting issues related to the post Uttarakhand disaster. The two panel discussions were covered under workshop: (i) Uttarakhand Disaster Report - 2013; and (ii) Disaster & Development.

Various technical issues/solutions related to sustainable reconstruction of damaged roads, Kedarnath Shrine complex, SSB-Srinagar complex, riverside establishments, bridges, DAMs, etc. were also covered on the second day of the workshop. The Workshop was inaugurated by Maj. Gen. (Dr.) J.K. Bansal, VSM, Hon'ble Member, NDMA; and was attended by other dignitaries i.e. Dr. P.K. Mishra, DG, GIDM; Dr. T. Chatterjee, Director, IIPA; Prof. V.K. Sharma, Hon'ble VC, Sikkim SDMA; Shri. G.V.V Sharma, JS (DM) MHA; Dr. Satendra, Executive Director, NIDM; Dr R.K. Bhandari, Former Director, CBRI; and representatives of various Governmental / NGOs / International Agencies i.e. MHA, NDMA, NDRF, ITBP, NIMHANS, HIHT, TCPO, CISF, HUDCO, CWC, IMD, UNDP, IIT-Roorkee, IIT-Delhi, Pragma, HelpAge India and faculty / staff of NIDM etc.

In the exhibition organized at this occasion, number of organizations dealing with various technologies in the hill roads construction exhibited their products and also presented specific solutions for the challenges of slope erosion.

## National Workshop on “Risk to Resilience: Mainstreaming Climate Change Adaptation and Disaster Risk Reduction Measures into Development Plans”

January 28, 2014, NIDM, New Delhi



Maj. Gen. Dr. J.K. Bansal, Hon'ble Member, NDMA addressing the gathering.

National Institute of Disaster Management (NIDM, Ministry of Home Affairs), Gorakhpur Environmental Action Group (GEAG) and Institute of Social and Environmental Transition (ISET) jointly organized National Workshop on “Risk to Resilience: Mainstreaming Climate Change Adaptation and Disaster Risk Reduction Measures into Development Plans” on 28th January 2014 at NIDM. The workshop was inaugurated by Shri. T. Nand Kumar, Hon'ble Member NDMA and graced by Maj. Gen. Dr. J. K Bansal, Hon'ble Member, NDMA; Dr. Muzaffar Ahmad, Hon'ble Member, NDMA; Dr. Marcus Moench, President ISET; Dr. Kush Verma, Director General, NIAR; Shri. B.N. Satapathy, Senior Advisor, Planning Commission; Prof. Shyamala Mani, NIUA; Dr. K.J Ramesh, Advisor, MoES; Dr. Krishna Vatsa, Advisor, BCPR and Dr. T Chatterjee, Director, IIPA.

The workshop focused particularly on the implications of hydro meteorological disasters and climate change for the decentralized planning and housing themes in India and brought together about 60 policy makers

and practitioners from Government, UN Agencies, NGOs and donors. The module titled “Mainstreaming Climate Change Adaptation and Disaster Risk Reduction into District Level Developmental Plans” was also released during the workshop.

## **Brainstorming Workshop on Perspective Plan for Strengthening and Expansion of NIDM**

*January 17, 2014, NIDM, New Delhi*

A brainstorming workshop on Perspective Plan for Strengthening and Expansion of NIDM held on 17th of January 2014 at NIDM. Dr. Satendra, ED NIDM delivering the welcome address, stressed on the need of NIDM's expansion in view of huge demand of capacity development on various aspects of disaster management in India. Mr. Kabir Sheikh, Director of Mahatma Gandhi Institute of Sustainable Development and Peace (UNESCO), New Delhi, as Guest of Honor, stressed on Human Resource Development and promotional aspects of faculty members as key aspects for Institutional sustainability and growth, besides focus on multi-disciplinary nature of subject. The Key objectives of the workshop were:



*A discussion with the dignitaries during the brainstorming session.*

- i) To discuss and delineate the framework of academic activities to be carried out by NIDM and to examine NIDM's capacity needs and gaps.
- ii) To review the present structuring of NIDM faculty and to suggest effective and more useful academic structure.
- iii) To suggest expansion in terms of filling academic vacancies and proposing the creation of posts in faculty and administration wing including engineering section.
- iv) To suggest plan and framework for NIDM's layout and design in view of its proposed campus.

## **Release of NIDM Calendar-2014 and India Disaster Report-2012**

*January 6, 2014*



*Dignitaries on the dais during the Calendar release function at NIDM.*

Release function of NIDM Calendar 2014 and India Disaster Report-2012 was held at NIDM conference hall on 6<sup>th</sup> January 2014. The release program saw some of the VIP's in the function, which included Shri K.M. Singh, Hon'ble Member, NDMA, Prof. V.K. Sharma, Hon'ble Vice Chairman, Sikkim State Disaster Management Authority, Ms. Sneha Lata Kumar (IAS), Secretary (BM), Ministry of Home Affairs, Dr. Satendra, E.D. etc and Dr. K.J. Anandha Kumar, Associate Professor, NIDM, who is also the backbone behind the India Disaster Report 2012. NIDM was complimented by various dignitaries on the dais for the successful release of the calendar 2014 and India Disaster Report 2012.

Dr. K.J. Anandha Kumar mentioned that the need of the disaster database was felt and hence India Disaster Report (IDR) was developed for the first time by NIDM in 2011. He added that the documentation of disasters of a given year not only helps in learning lessons out of it but also to improve our existing disaster



management system. Secretary (BM), MHA, Ms. Sneh Lata Kumar (IAS) addressed the gathering and said that disasters have increased off late, citing Uttarakhand Disaster and Phailin Cyclone. She mentioned that documentation of disasters help not only learning but also in handling disaster in better way in future.



*Release of Annual Disaster Report 2012*

Prof. V. K. Sharma appreciated the efforts of NIDM on documenting IDR and Capacity Building and said that this is one of the best things NIDM has started. Prof. Sharma added that apart from its role in learning lessons, IDR is a good study material for those students who are pursuing studies / research in the field of disaster management. Shri K.M Singh, Hon'ble Member NDMA, appreciated NIDM's efforts for documenting disasters and also added that the calendar developed by NIDM can be very useful for common man as he/she is the first responder. He advised that even livestock plays an important role in lives of rural people and there should be a mention of effects of disaster on these animals as well in documentation.

Dr. Satendra, ED NIDM promised to take steps towards Animal Disaster Management and thanked everyone present at the function.

## **Training Needs Analysis and Annual Training Conference**

*February 6-7, 2014*



*Shri Anil. K. Sinha, Hon'ble Vice Chairman, BSDMA.*

The Training Needs Analysis (TNA) & Annual Training Conference (ATC) of the National Institute of Disaster Management (NIDM) was held on 6<sup>th</sup>-7<sup>th</sup> February, 2014 at NIDM, New Delhi. First Day of the Conference was devoted to Training Needs Analysis and the Second Day focused on Annual Training Conference. The emphasis for the current year was more on need based training courses, institutionalization of training and capacity building initiatives for disaster risk reduction and its mainstreaming in the programs of line departments/agencies. Shri Anil K. Sinha, Hon'ble Vice Chairman, Bihar State Disaster Management Authority (BSDMA) inaugurated the Conference. Prof. Vinod K. Sharma, Hon'ble Vice Chairman, Sikkim

State Disaster Management Authority and Ms. Neelkamal Darbari, Jt. Secretary (Admn.), National Disaster Management Authority (NDMA) along with other participants comprising of DGs/ Directors of State ATIs, Heads', faculty of Centres for Disaster Management (CDMs), Representatives from State Disaster Management Authorities (SDMAs), Central Ministries, State Governments and other Training Institutions of different sectors attended this conference. The first day of the two days conference focused on training needs assessment where emphasis was laid on need of TNA and demand driven training. Gap in capacity building and awareness level was highlighted by many during the conference. It was also emphasized that often TNA is done and feedback is taken, but updation and analysis of feedback is not done. Few new areas where focus is required were also highlighted viz. Livestock care, use of IDR at the time of crisis, health issues of rescue workers, etc. ED NIDM discussed the achievements of NIDM during 2013-14 and strategy for 2014-15 during the second day. The activity calendar including off-campus collaborative training courses was finalized during the second day.

## First meeting of Standing Advisory Committee (SAC)

February 25, 2014



*Prof. H. K Gupta, Hon'ble Member, NDMA along with Ms. Neel Kamal Darbari, Jt. Secretary (Admn.), NDMA at the meeting*

The first meeting of Standing Advisory Committee (SAC) was held at NIDM on 25<sup>th</sup> Feb, 2014. The Governing Body (GB) of NIDM in its 7<sup>th</sup> meeting held on 23<sup>rd</sup> August, 2013 under the Chairmanship of Hon'ble VC, NDMA, had constituted the SAC to discuss and recommend on the proposals related to administrative, financial and establishment matters of NIDM.

The meeting was chaired by Prof. H. K. Gupta, Hon'ble Member, NDMA and attended by Ms. Neel Kamal Darbari, Jt. Secretary (Admn.), NDMA; Shri Pradipta Kumar Mohapatra, Principal Secretary to Govt. of Revenue Disaster Management & Special Relief Commissioner, Govt.

of Odisha; Dr. Satendra, Executive Director, NIDM; Dr. Bhoop Singh, Advisor/Scientist 'G' NRDMs Division, Department of Science & Technology; Shri Ashish Panda, Under Secretary, Ministry of Home Affairs and Shri Brajesh Sikka, Under Secretary (Finance-IV), Ministry of Home Affairs.

The deliberations/decisions of this Committee would be submitted to the next Governing Body of NIDM.

## National Cyclone Risk Mitigation Project (NCRMP) Activities:

### (i) Workshop on Accreditation Process and Policy, and Training Modules for the Capacity Building Study

February 5, 2014

A workshop for the study 'Preparing Long Term Training and Capacity Building Strategy for Disaster Risk Reduction', under NCRMP, which is being carried out by NIDM through the Consultancy firms - SEEDS Technical Services and Knowledge Links, was held at NIDM on 5<sup>th</sup> February, 2014. The objective of the consultative workshop was to discuss and get inputs from Ministry of Home Affairs, National Disaster Management Authority, States and other important stakeholders on the accreditation process in the field of Disaster Management and approach being followed to develop training modules which are a part of this study. The inputs would help in finalization of the Accreditation

Process and Policy in the field of Disaster Management which will be a key output of this study. Dr Satendra, the Executive Director, NIDM, gave the opening address and Dr K.J. Anandha Kumar, Project Coordinator NCRMP, presented a brief overview of the study. This was followed by presentations from the Consultants on the accreditation process and the approach followed by them for developing training modules for the study. The discussions that ensued resulted in some extremely valuable suggestions for the deliverables of the study. In total, 26 participants attended the workshop, including Shri Anil Kumar Sinha, Hon'ble Vice Chairman Bihar State Disaster Management Authority, Dr. Vinod Kumar Sharma, Hon'ble Vice Chairman, Sikkim State Disaster Management Authority, Shri Amit Chaudhuri, Joint Secretary, Govt. of West Bengal, Shri S.S. Jain, Deputy Project Director, NCRMP, NDMA, Prof. Najma Akhtar, HOD, Department of Training and Capacity Building, NUEPA, New Delhi, Prof. Snjukta Bhaduri, HOD, Urban Planning Department, SPA, New



*Participants during the workshop held under National Cyclone Risk Mitigation Project*

Delhi, Ms. Tanushree Verma, Consultant, MHA, Shri Anuj Tiwari, Sr. Advisor, BSDMA, Prof. Nirmita Mehrotra, HOD, Architect & Regional Planning, Gautam Buddha University, Greater Noida, Ms. Reshmi Theckethi, UNDP, Shri V. Shrinivas, Communication Specialist, Revenue DM Department, A.P., Shri Durga Prasad Mohapatra, SMS, PMU, NDMA and Shri Vineet Kishor, Consultant, CDDMASS.

## **(ii) 'Post Disaster Needs Assessment Study for India' initiated**

Under PDNA study, various visits to the concerned agencies, Ministries were made so as to obtain inputs from major stakeholders for the study. Representatives from the Ministry of Home Affairs (MHA), National Disaster Management Authority (NDMA), National Accounts Division (NAD) of Ministry of Statistics and Program Implementation were consulted regarding the same. A visit to one of the 10 representative states for the study, Uttarakhand, was also made and representatives from the Disaster Mitigation and Management Centre (DMMC), the Revenue Department and Agriculture Department were consulted for their inputs on the subject and allied issues. The draft Inception Report laying down the methodology and detailed work plan for the study was also submitted, which will be finalized after consultation with major stakeholders and the review committee. In this regard, the team leader, PDNA at ADPC and International PDNA expert, Mr. Roberto Jovel also presented project details at NIDM premises. He took this opportunity to discuss the methodology that is proposed to be followed during the study.

## **(iii) Long Term Training and Capacity Building Strategy for Disaster Risk reduction in India**

The consultants of this study, the SEEDS Technical Services has submitted deliverables 12, 13, 14, 15 and 16, which are part of the study and are being evaluated by the Technical Screening Committee. These deliverables consist of

1. Deliverable- 12: 11 set of Training and ToT Module, (i) ULB - Mainstreaming Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA) into City Development Plans (CDPs), (ii) Health - TOT Module for Preparation and Implementation of Hospital Disaster Management Plan, and (iii) Education - TOT module for Teachers on creation of culture of safety through knowledge and education.
2. Deliverable- 13: Report of National workshop on accreditation process, approaches and modules.
3. Deliverable- 14: (i) Disaster Reporting Guidelines, ii) Disaster Reporting Handbook, iii) National Media Strategy; iv) A TOT module on, Re-examining Principles of Disaster Reporting for senior level journalists, and v) A TOT module on, Re-examining Principles of Disaster Reporting for entry level Journalists.
4. Deliverable- 15: A White Paper on Capacity Building and Training in DRR for India
5. Deliverable- 16: (i) A Report on Review of Institutions, Strategy for Standardization & Mechanism for setting up of DRR Institute along with its Capacity Building Strategy, and ii) A model State Human Resource and Capacity Development Plan for the State of West Bengal, including a template for state human resource and capacity development plans.

The 2<sup>nd</sup> draft of deliverable - 8: National Consultation on Training Needs Analysis, Training Gap Analysis, Quantification & Prioritization of Training Needs, and Strategy for Implementation of Training and Accreditation Methods for Short Term DM Trainings is also submitted as part of the study.

## **(iv) Consultative Workshop on Science-Media Interface for Effective Disaster Risk Reduction**

*February 19, 2014, NIDM*

To complement the objective of the Pilot TOT on “Re-examining Principles of Disaster Reporting”, a half day consultative workshop was organized on science-media interface for effective disaster risk reduction. The objective of the workshop was to promote more collaborative relationship between science, media and disaster management professionals. The keynote address was delivered by Dr. Satendra, Executive Director, NIDM. Dr. R. Gopichandran, Director, Vigyan Prasar, DST delivered the opening remarks and Dr. K.J. Anandha Kumar, Project Coordinator NCRMP, presented a brief introduction of the study. This was followed by the talk by Dr. Anshu Sharma, the Consultant on the National Media Strategy, Mr. Nimish Kapoor from Vigyan Prasar, DST on Science-Media Interface for Disaster Risk Reduction and Mr. Sandeep Baruah from Vigyan Prasar, DST on HAM Radio - Capacity Building Program. The workshop was attended by senior officials and faculty members from NDMA, NIDM and mid/senior level reporters, trainers and government officials.



*Executive Director, NIDM and Dr. K.J. Anandha Kumar during the inaugural of the PDNA workshop*

## **First Training Program on “Forestry as Livelihood for Climate Change Adaptation”**

*March 3- 7, 2014, FRI, Dehradun*

A national level training programme was successfully conducted for the First Time by NIDM from 3rd to 7th March, 2014 at FRI, Dehradun in collaboration with FRI, Dehradun. The programme was inaugurated by Dr. P.P. Bhojvaid, Director, FRI, Dehradun. Shri A.S. Rawat, Head Silviculture Division and Course Director and Shri V.K. Dhawan, FRI, Dehradun alongwith the NIDM faculty members (as Coordinators) Ms. Chandrani Bandyopadhyay and Dr. A.D. Kaushik were present in the inauguration session. Fourteen participants from eight States of the country, representing various forest departments of the States, NGOs and faculties of Universities participated in the programme. The objective of the programme was to enhance the training capacities of participants involved in mitigation, preparedness, response and recovery in the event of disaster.

Most of the lectures delivered during the training programme were highly appreciated by the participants. The participants appreciated the lectures on Plantation in vulnerable areas and usufruct benefits to local communities by Sh. Deepak Mishra, IFS of IGNTA; Forest based livelihood in changing scenario of climate: Issues & Options by Ms. Chandrani of NIDM, Climate Change induced natural disaster risk on forestry based livelihood and adaption by Dr. A.D. Kaushik of NIDM, and Mushroom cultivation for livelihood support by Dr. Harsh of FRI. One day field visit for the participants was conducted. During valediction of the training, Ms. Jayshree Ardey, Acting Director, FRI, Dehradun strongly emphasized to explore it as a large number of participants from different organizations may get the benefits of this training in future.

## **NIDM’s participation in the Seminar cum Workshop on “Rehabilitation of Artisans of Chamoli, Pithoragarh, Munshiari and Srinagar on Bamboo Craft”**

*March 12-13, 2014, Dehradun, Uttarakhand*

NIDM is in the process of developing a book on Uttarakhand Disaster 2013, for which a draft has already been prepared based on field visit and two major workshops of stakeholders. To make the document more comprehensive and also incorporate livelihood issue, NIDM expert Dr. Surya Prakash participated in the



Seminar cum Workshop on “Rehabilitation of Artisans of Chamoli, Pithoragarh, Munshiari and Srinagar on Bamboo Craft”. This seminar -cum- workshop was sponsored by Development Commissioner (H), Ministry of Textiles, Government of India and organized by Ambpali (Handloom and Handicraft Multi-State Cooperative Society Ltd.) at Dehradun, Uttarakhand during 12-13 March 2014. The program was attended by senior officials from reputed organizations like Forest Department of Uttarakhand State, National Medicinal Plant Board (Delhi), Forest Research Institute (Dehradun), NABARD (Dehradun) as well as artisans, farmers, self help groups and NGOs from the Uttarakhand State, particularly from Chamoli, Pithoragarh, Munshiari and Shrinagar area.

Dr. Surya Parkash, Associate Professor, NIDM participated in this workshop and shared the views and experiences related to impacts of natural disasters on livelihood, land resources, agriculture and livestock with specific focus on handicraft, handloom and cottage industry in Uttarakhand. Dr. Surya emphasized on community based disaster risk reduction and initiatives to be taken by the artisans to reduce their exposure to hazards and take necessary preventive and preparedness measures to mitigate the damages/ losses. The participants also discussed livelihood related issues and shared their experiences from the recent disasters. The workshop highlighted the need to emphasize livelihood issues in disaster risk reduction process and evolve systematic mechanism for assessing the impacts on natural disasters on cottage industry (handloom and handicrafts), farming / agricultural practices, and tourism.

## **NIDM’s participation in the mass awareness program through “Disaster Management Fair-AAGAAZ” organized by the District Disaster Management Authority (DDMA) of North-West District**

*March 22-23, 2014, Delhi*



*NIDM at “AAGAAZ” Fair*

National Institute of Disaster Management (NIDM) participated in a two days mass awareness program through “Disaster Management Fair-AAGAAZ” at Dilli Haat, Pitampura, New Delhi from 22-23 March, 2014. The program was organized by the District Disaster Management Authority (DDMA), North-West District, Delhi. The objective of this program was to create mass awareness of disaster management for the communities.

The program was inaugurated on 22<sup>nd</sup> March, 2014 by Shri Dharampal, IAS (Divisional Commissioner - Revenue cum-convener of Delhi Disaster Management Authority) and Dr. Satendra, Executive Director, NIDM in the presence of Shri Udit Prakash Rai, Chairman of DDMA-cum-District Magistrate (Revenue), North West district, Shri Shailendra Singh Parihar, Chief Executive Officer (DDMA) cum-Additional District Magistrate (Revenue) and other official dignitaries.

Dr. Satendra, Executive Director, NIDM delivered inaugural address and talked about the importance of Disaster preparedness, mitigation and management. During this fair, NIDM displayed various types of IEC materials like posters, calendars, training modules, leaflets, etc. The IEC materials distributed to various visitors, stakeholders, students and teachers during this fair.

Various Government organizations and NGOs also participated in this program such as NDRF, Civil Defence, Delhi Metro, Education Department, Fire Department, Municipal Corporation of Delhi, CATS, Seeds India, Paaras, Delhi Jal Board and many others. During this fair, a cultural program also had been organized. Some of the important aspects of disaster management had been depicted, through stage play, songs, Nukkad Natak etc.



## **NIDM's participation in "Annual College Fest- Crescendo 2014" organized by Shaheed Sukhdev College of Business Studies**

*March 10-11, 2014, University of Delhi*

National Institute of Disaster Management (NIDM) participated in 2-day "Annual College Fest- Crescendo 2014" organized by "Shaheed Sukhdev College of Business Studies, University of Delhi" during 10-11 March 2014 at Talkatora Stadium, New Delhi.

The Program was inaugurated on 10<sup>th</sup> March 2014 by Dr. Poonam Verma, Principal "Shaheed Sukhdev College of Business Studies, University of Delhi". During the event, NIDM established a stall to spread awareness and disseminate information about Disaster Management. The NIDM team comprising Mr. Santosh Tiwari, Manoj Kumar Singh and Mr. Himanshu introduced students to NIDM e-learning courses through which the students and teachers can learn and develop their knowledge in the field of Disaster Management. During both the days, various IEC materials on Earthquake safety, Flood safety, Fire safety, School Safety and other Disaster Management issues were distributed amongst students, teachers and other visitors, besides reading materials, Posters, Calendars and leaflets. NIDM publication in the form of books, training modules and guidelines etc. were also distributed during the event.

## **NIDM's participation in "Science Fair" organized by Education Department of North Delhi Municipal Corporation (NDMC)**

*February 26-28, 2014*

National Institute of Disaster Management (NIDM) participated in a 3-Day "Science Fair" organized by Education Department of North Delhi Municipal Corporation (NDMC) during 26-28 February, 2014. This program was supported by Global Rescue Consultants Pvt. Ltd and organized in the six schools. The program was inaugurated on 26-February-2014 by Shri Ajad Singh, Mayor of NDMC in presence of Shri Mohan Bharadwaj; Chairman of the Standing Committee, Civil Lines Zone and Shri R. K. Bansiwal, Chairman of Education Committee at MCP School Jahangir Puri.



*Professor Ghosh of NIDM at the Science Fair.*

Prof. Chandan Ghosh of NIDM sensitized the officials & Teachers on the issue of importance of Disaster Management in schools with special emphasis on earthquake resistant school buildings. Later he visited model exhibitions by school students and demonstrated some of the buildings models of NIDM. During the event NIDM also displayed its IEC materials and activities performed by the Institute.

## **NIDM Participated in National Workshop on Migration and Global Environmental Change in India**

*4-5<sup>th</sup> March 2014, New Delhi*

A two day "National Workshop on Migration and Global Environmental Change in India" was organized by United Nations Educational, Scientific and Cultural Organization (UNESCO) on 4 and 5 March 2014, at India Habitat Centre, New Delhi, with the support of the Government Office for Science (GOS, UK) and the Department for International Development (DFID). Dr. Anil K Gupta, Associate Professor and Head of the Policy

and Planning Division of NIDM, Chaired one of the sessions on “Global Environmental Change, Migration and Human Rights” of the workshop. The session chaired by him highlighted that global environmental change induced migration can have adverse implications for the realization of entitled human rights. Therefore there is a greater need to integrate human rights principles in the discussion on global environmental change induced migration. Recognition of the mobility of vulnerable communities in the policy process and effective protection of basic human rights are needed policy interventions in the present context.

## **Orientation Program for International Diploma participants for a “Workshop on Managing Risk and Emergencies in Education-Through National and International Case Studies”**

*March 20, 2014, NIDM*



*Participants from various countries during the workshop.*

A visit of International Diploma participants for a “Workshop on Managing Risk and Emergencies in Education-Through National and International Case Studies” was held at NIDM on 20 March 2014 which had 27 participants from 17 nations. The workshop was focused on sensitizing the participants about the need for disaster management in the realm of education systems, especially focusing on schools. Dr. Satendra, Executive Director, NIDM, welcomed and interacted with all the participants and informed them about various online programs run by NIDM.

Dr. K.J. Anandha Kumar and Dr. Sushma Guleria made the presentations on Basic Concept of Disaster Management and Institutional Framework and on School Safety Program respectively. Dr. Anandha Kumar briefly explained various hazards, disasters, associated risks, vulnerabilities, identifying and enhancing capacities and stressed upon the paradigm shift from crisis management towards risk management. He mentioned that disaster risk management comprises of preparedness, mitigation and prevention strategies and initiatives. He also gave a brief insight about the role played by NIDM in disaster management.

## **Orientation Program for trainees from Regional Specialized Meteorological Centre (RSMC)**

*February 26, 2014, NIDM*



*Dr. Satendra, Executive Director, NIDM and Dr. K.J. Anandha Kumar, Associate Professor, NIDM with trainees.*

Trainees from Regional Specialized Meteorological Centre (RSMC), New Delhi, visited NIDM on 26th February 2014, for a training program on ‘Cyclone Disaster Management through Capacity Building’. The trainees included participants from Sri Lanka, Myanmar, Thailand and from India Meteorological Department’s Cyclone Warning Centers. The objective of this orientation program was to sensitize the trainees about Disaster Management Framework at national and regional level. Dr. Satendra, Executive Director, in his welcome address explained the Disaster Management Plan and also the activities / functions of NIDM to the trainees. Presentations on “Introduction to Disaster Management and Institutional setup in India” and “Experience of Cyclone - Issues and Lessons Learnt” were made by Dr. K.J. Anandha Kumar, Associate

Professor. The program concluded with group discussions.

## National Database for Emergency Management: Nodal Officers meeting

February 19, 2014, NIDM

The Committee of Secretaries (CoS), with regard to Emergency Management in the country entrusted Department of Space (DoS) to design, develop and implement National Database for Emergency Management (NDEM). From DoS, National Remote Sensing Centre (NRSC) is the lead agency to implement and operationalise NDEM. NRSC with the support of NIDM organized a meeting with Nodal Officers of NDEM on 19 February 2014 at NIDM. The aim of the meeting was to appraise about the project status and to establish fruitful cooperation and mechanism for providing/sharing data and information available with nodal ministries and agencies. Twenty six officials from Central Departments and State representative from Delhi Disaster Management Authority, officials from NRSC, DoS and National Institute of Disaster Management participated in the event. Shri. V. Bhanumurthy, Project Director, NDEM extended warm welcome to all the delegates and briefed about the various components of Disaster Management Support (DMS) Program and NDEM. Dr. Satendra, Executive Director, NIDM appreciated the effort of NRSC and assured that NIDM would be interested in integrating IDRN database with NDEM for the use of Emergency Managers. He also mentioned that NIDM can play a major role in capacity building of officials to effectively utilize NDEM. Mr. Vinod Kumar Sharma, scientist gave a detailed presentation of NDEM status followed by demonstration of the Portal. Dr. Murthy Remilla summarized in brief about the six regional meetings of NDEM held during 2012-13. Nodal officers from various partner departments and NIDM actively participated, discussed about availability of data, modality for sharing and challenges in sharing data in desired formats and utilizing them during emergencies. Partners also gave suggestions for improving the utilization in real time scenario. The meeting closed with vote of thanks by Shri. Bhanumurthy.



Representatives from various States and Departments at the NDEM meeting.

## National Training on Drought Mitigation and Management Organized at CAZRI

24-28 March, 2014

National Institute of Disaster Management (NIDM) in collaboration with Central Arid Zone Research Institute (CAZRI), Jodhpur, successfully conducted a National Training program on 'Drought Mitigation and Management' during 24-28 March, 2014 at CAZRI, Jodhpur, Rajasthan. Dr.K.J. Anandha kumar, Associate Professor, NIDM and Dr. Suresh Kumar, Head of Division at CAZRI designed and organized the course. Mr. Rahul Gavhane, Junior Consultant also represented NIDM.

Twenty five participants from different Institutions, Universities, KVKS and NGOs from Gujarat, Uttarakhand and Rajasthan were benefitted by the program. Subject matter specialists delivered lectures on drought assessment, monitoring and declaration including mitigation measures relating to different natural resources, land uses and crops. Futuristic drought management in view of climate change, breeding for drought tolerance and ensuring livelihood were also highlighted. Participants were taken to field sites at CAZRI farm and soil and water conservation sites around Jodhpur. The program was inaugurated by Dr. A.T.Jayasheelan, General Manager, Regional Remote Sensing Centre, Jodhpur. Dr.M.M.Roy, Director, CAZRI, delivered a lecture apart from participating in the inaugural and valedictory programmes.



Dr. M.M Roy, Director CAZRI with all the participants during the National Training on Drought Mitigation and Management.



## Disaster this Quarter

### Hail Storm kills 28 in Maharashtra

Source: IANS

Unseasonal rains accompanied by severe hailstorms have left at least 28 people dead and over 100 others injured across Maharashtra in 10 days due to hailstorm that hit the State in early March this year. More than 18,200 homes and dwellings across the state suffered damages as large hailstones battered 29 of the State's 35 districts. Over 9,000 livestock comprising big and small farm animals and fowl were also killed as storms swept large parts of the state, barring the coastal areas. The only districts spared of the nature's fury were Mumbai, Mumbai suburban, Thane, Raigad, Ratnagiri and Sindhudurg - all in the coastal Konkan region. Aurangabad accounted for the highest number of casualties - 15, followed by Nagpur with 6, Pune with 3 and Nashik and Amravati with 2 each. In terms of property damage, Nagpur topped with 10,261 homes damaged, Aurangabad with 2,686, Pune with 2,483, Nashik with 2,269 and Amravati with 526. Agriculturists also suffered huge losses. 13,70,326 hectares of farmland, including 12,71,853 hectares on which crops like wheat, jowar and gram were grown and 98,473 hectares comprising fruits of different kinds, have been damaged. The figures were released after Chief Minister Prithviraj Chavan, state Congress president Manikrao Thakre and Rehabilitation Minister Patangrao Kadam, surveyed four disaster hit districts - Nagpur, Washim, Buldana and Yavatmal.

### Death toll in Odisha boat tragedy rises to 29

Source: News on air

The death toll in the Hirakud Reservoir boat tragedy in Sambalpur district of Odisha mounted to 29 with the recovery of 19 more bodies. Two persons were missing and it was estimated that the toll could go up to 31. According to Special Relief Commissioner of Odisha, Shri P.K Mohapatra, several rescue and search teams were engaged in the operation to salvage dead bodies. The tragedy was discussed in the Odisha Legislative Assembly with Members cutting across party lines expressing concern over the lack of regulation and basic safety standards in ferry transport across the State.



*Image from the tragedy site.*

### 27 die as bus plunges into creek near Thane

Source: The Hindu

Twenty-seven people were killed and 10 others injured when a Maharashtra State Transport bus plunged into a creek at Malshej Ghat near Thane district. The police had arrested the driver of a speeding tempo, which, had collided with the bus while it was navigating a turn in the ghat section. He has been charged with culpable homicide not amounting to murder. "Since it's a hilly terrain, the wireless system failed and an ambulance stationed along the highway was pressed into action. Among the dead were 19 women," said K. Rashmi, Superintendent of Police, State Highways. Most of the bus passengers were from Thane, a satellite town of Mumbai. The bus was en route



*Bus wreckage at the tragedy site in Maharashtra.*



to Nashik from Thane. "Prima facie it looked like the tempo driver was at fault. It was assumed that the driver was trying to overtake another vehicle before he collided with the bus. The exact sequences of events were not ascertained," as informed by Superintendent of Police, Thane Rural, Anil Kumbhare. Of the 37 passengers, 13 were travelling to Aana village to attend a religious procession organized in the village. The Maharashtra government had announced a compensation of Rs. 5 lakh for the family of the deceased and Rs. 50,000 for the injured.

## **Goa building collapse: Death toll mounts to 31**

Source: Zee News

**Panaji:** A building collapse in Goa resulted in loss of many lives while the rescue operations were still on. Director of Fire and Emergency Services, Shri. Ashok Menon said the rescue operations were withdrawn later the same day. The total number of casualties in the building collapse later rose to 31. The operation was stopped after authorities certified that there were no more dead bodies under the debris of the five-storey under construction building. Over 40 workers were present at the site when the mishap occurred. The rescue teams which pulled out 16 people alive had suspended their operations after two adjacent buildings near the spot tilted. State police later had arrested two government officials, including a deputy collector, in connection with the incident whereas the builder and contractor of the project still remain untraceable.

## **Several feared drowned as boat capsizes in River Ganga**

Source: The Hindu

A boat carrying 23 persons capsized in the Ganga in Bihar's Buxar district. By the time rescue operations began, around 12 persons were missing, the district administration said. "Most of those missing were women and children," Raman Kumar, Buxar district magistrate said. The incident took place in the Chausa block. The passengers on the boat were farm labourers who cross the river to work on the farms on a daily basis. Mr. Kumar said the boat was not overloaded, but it could have capsized owing to a strong river current. The district administration tried to mobilise local divers to start the rescue operations. A team of the National Disaster Response Force (NDRF) reached the affected site timely and supported the search and rescue operations.

## **9 killed, over 3000 injured in AP hailstorms**

Source: The Hindu

In Andhra Pradesh, nine persons were killed and over three thousand injured due to hailstorms and untimely rains. Several parts of Telangana and Rayalaseema regions received hailstorms causing heavy losses to livestock and damages to agricultural produce. According to the State Disaster Management Commission, six persons died and over three thousand were injured in Warangal district alone while two died in Ananthapur and one more in Nizamabad districts due to hailstorms. About 1400 livestock losses were reported while over 500 houses were damaged. It was reported that Crops like Paddy and Maize besides oil seeds and pulses in nearly 73 thousand hectares and horticulture crops in nearly 28 thousand hectares were damaged in 10 districts of Andhra Pradesh.



*Hailstorm and untimely rainfall damaged crops in the region.*

## **Kashmir snowfall leaves 17 dead, 2,000 houses damaged**

Source: Zee News

**Jammu:** The untimely snowfall in Jammu and Kashmir claimed 17 lives and left nearly 2,000 houses damaged in Kashmir division informed by a high-level review meeting chaired by Chief Minister Omar Abdullah. The meeting, convened to brief the Chief Minister about the situation following the heavy snowfall in state, was also told that 57 cattle perished in the calamity. The Chief Minister directed officials to arrange helicopter sorties to evacuate people from snow-bound areas. It was informed that 80 to 90 per cent power supply had been restored in most of the areas, barring a few where severe damage had been caused to the installations. Transmission towers in Budgam, Shopian, Anantnag and other areas had received major damage and work was on to restore them. It was also informed that the power supply to various public service installations had been almost restored.

Officials informed that snow had been cleared from all major roads and clearance of landslides and snow was also done for the national highway. Nearly about 175 water supply schemes in Jammu and 43 in Kashmir were affected. However, most of these had been restored later. Officials informed that most of the areas hit by snow had adequate stock of essential commodities.

## **6.5-magnitude quake jolts Andaman and Nicobar islands, no tsunami threat**

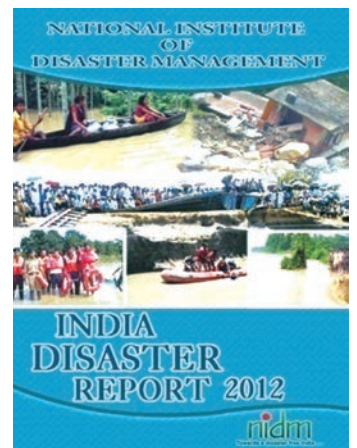
Source: Times of India

**NEW DELHI:** The Andaman and Nicobar Islands were jolted by an earthquake measuring 6.5 on the Richter scale occurred about 70 kms east of Indira Point in Portblair but chances of Tsunami were later ruled out. However, a general warning was issued and all management system were put on high alert, by Ministry of Earth Sciences.

## **NIDM's Publication, Modules, Awareness Material**

### **India Disaster Report 2012**

The National Institute of Disaster Management (NIDM) initiated the process of documenting major disasters under the title of "India Disaster Report" in 2011. The India Disaster Report (IDR) 2012 is documented based on primary and secondary data which was collected time to time. The IDR 2012 contains causes and effects of disasters, analysis of affected areas, response and rehabilitation and the lessons learnt from these disasters. With its release on 6th January 2014 it is expected that these efforts of compilation of disaster data and its analysis would provide valuable information and trends on the occurrence of disaster and their impact on the society, which will further be used for disaster risk reduction.



### **Module**

Training Module on Mainstreaming Climate Change Adaption and Disaster Risk Reduction into District Level Development Plans

Anil K. Gupta, Sreeja Nair, Shiraz A. Wajih, Shashikant Chopde, Gutam Gupta & Garima Aggarwal.

The aim of the training module is to provide guide manual and course framework for designing and delivering training program for understanding, analyzing, designing and mainstreaming of DRR and CCA concerns into district level development planning. The module is designed to enable the trainers/officials/faculty to make the course participants understand CCA and DRR concerns at local level and to equip them with knowledge and skills for assessing, delineating strategies and delivering their roles in relation to the risk mitigation/ prevention and implementation of effective response to extreme events.

## Awareness Material

As it is the mandate of NIDM to generate awareness among the masses, every year NIDM comes up with IEC materials such as pamphlets, book marks, dairies, etc. This year NIDM released Wall as well as Desk Calendars 2014. The calendar features 12 types of disasters and “Do’s and Don’ts” that can create awareness related to various disasters. Calendar was released on 6th January 2014 by Shri K.M Singh, Honorable Member, NDMA; Prof. V.K Sharma, Vice Chairman Sikkim State Disaster Management Authority; and Ms. Sneha Lata Kumar (IAS), Secretary (BM), Ministry of Home Affairs.



## Major Upcoming Events

- Consultative Workshop on Post Disaster Needs Assessment (PDNA) Study for India under NCRMP - 7 April, 2014 at NIDM
- National Workshop on Phailin Cyclone: Lessons Learnt - 30 May, 2014 at NIDM

## Training Programs (January- March 2014)

S. No	Name of Programs	Venue	Dates	Faculty	No. of Participants
1.	IRS - Logistic Section Chief	NIDM	6-10 Jan.	P. K. Pathak	14
2.	Mainstreaming DRR into Development	ATI, West Bengal	6-9 Jan.	C. Bandyopadhyay	17
3.	Brainstorm workshop for Strengthening of NIDM	NIDM	17 <sup>th</sup> January	Anil K. Gupta	25
4.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	NIT Silchar, Assam	8-10 Jan.	C. Ghosh	35
5.	Disaster Database Management	NIDM	20-23 Jan.	Sreeja Nair	34
6.	Stampede Risk Reduction	YASHADA, Maharashtra	21-23 Jan.	S. Chaturvedi P. K. Pathak	53
7.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	Mumbai	21-22 Jan.	C. Ghosh	20
8.	Disaster Management for Panchayati Raj Institutions	SIRD, Chhattisgarh	27-31 Jan.	S. Chaturvedi Manas Diwedi	24
9.	Risk to Resilience: Mainstreaming Climate Change Adaptation and Disaster Risk Reduction Measures into Developmental Planning	NIDM	28 January, 2014	Anil K. Gupta	42
10.	Seismic Safety Assessment of Building in Delhi-NCR by RVS	NIDM	28-30 Jan	C. Ghosh	25

S. No	Name of Programs	Venue	Dates	Faculty	No. of Participants
11.	Mainstreaming DRR into Development	NIDM	29-31 Jan.	K. J. Anandha Kumar, Rahul	47
12.	Comprehensive Landslide Risk Management	NIDM	3-7 Feb.	Surya Parkash	10
13.	Disaster Management for NCC & NYKS Officers	NIDM	3-7 Feb.	P. K. Pathak Consultant	11
14.	Climate Change adaptation with emphasis on Water Sector	IIPA	10-14 Feb.	K. J. Anandha Kumar, Rahul	19
15.	Basic Course in DM for NDRF Officers	NIDM	10-14 Feb.	Sushma Guleria P. K. Pathak	22
16.	Rapid Visual Screening	Chandigarh	17-19 Feb.	C. Ghosh	55
17.	School Safety	NIDM	19-21 Feb.	Ritu Raj	23
19.	Flood Disaster Management	NIDM	17-21 Feb.	A.D. Kaushik K. J. Anandha Kumar	28
20.	TOT on Re- examining Principles of Disaster Reporting	NIDM	17-21 Feb.	K. J. Anandha Kumar, Chandrani Bandyopadhyay	11
21.	Community Based Disaster Management	UPAAM, Lucknow	19-21 Feb.	Shekher Chaturvedi	19
22.	Forestry as livelihood in climate change adaptation	FRI Dehradun	3-7 Mar.	A. D. Kaushik C. Bandyopadhyay	14
23.	Methods and Indices for Identification and Assessment of Drought Scenario	NIH, Roorkee	10-14	A. D. Kaushik	19
24.	ToT on Disaster Management	CGAA, Chhattisgarh	24-26 Mar.	S. Chaturvedi S. Guleria	30
25.	Drought Risk Management	CAZRI, Jodhpur	24-28 March	K. J. Anandha Kumar Consultant	25
26.	Course on IRS and EOC and Crowd Management	YASHADA, Nashik	26-28 March	P. K. Pathak Shekher Chaturvedi	30
27.	School Disaster Management Plan	NIDM	26-28 Mar.	Ritu Raj	28



We welcome comments / responses / articles from readers of our Newsletter

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