

Editorial Board

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Highlights

NIDM at India International Trade Fair 2013

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Message

A very "Happy New Year 2014" to all our readers!

Awareness on Disaster Management is important. The importance of public awareness in effective disaster risk reduction cannot be overstated. Increased public awareness about hazards is a vital element of a comprehensive strategy for disaster risk reduction. Awareness programs should be conducted at regular intervals so that the knowledge is kept alive and is passed on from one generation to other to ensure that the disaster risk reduction becomes an integral part of everyday life of the community. Simple Do's and Don'ts for disaster can save lives during disaster.

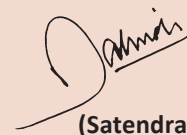
NIDM is playing an active role in disseminating knowledge for disaster risk reduction. As a nodal institute for capacity building and human resource development, NIDM is working in collaboration with State level Administrative Training Institutes, other academic and professional bodies and international organizations for developing training modules, organizing training program, workshops, conferences and other outreach activities.

As per the mandate of NIDM, one of its key functions is to disseminate knowledge about disaster risks, factors leading to disaster and the actions that can be taken by an individual or collectively to reduce exposure to the disasters and vulnerability to hazards.

To educate and aware the general mass about disaster management, NIDM initiated mass campaigns and programs under number of the key events were organized by NIDM including observing Disaster Risk Reduction Day, Environment Day, organizing competition on Disaster Management topics for students' participation in various mass gathering events to disseminate its awareness tools, etc.

During this quarter, NIDM participated in India International Trade Fair- 2013, in which it displayed its publications and distributed awareness materials of more than 20 types to the visitors. It also organized "Nukkad Nataks" and quiz competitions on Disaster Management for the visitors.

NIDM also developed an awareness tool in the form of wall and desk calendar, which contains twelve common disasters' "Dos and Don'ts". Various other tools developed by the Institute are also being distributed at large scale, among students and others, to make community aware about disasters and its managements. Hope these efforts will help to some extent in making society resilient to disaster risks.


(Satendra)

NDMA & NIDM observed “Disaster Reduction Day”

9th October 2013

National Disaster Management Authority (NDMA) and National Institute of Disaster Management (NIDM) jointly, observed Disaster Reduction Day at India International Centre, New Delhi on 9th October 2013. This was an opportunity to focus national attention on important issue of school safety, since the students are worst affected during disasters. The occasion was graced by Dr. B. Bhattacharjee, Hon’ble Member, NDMA, Emeritus Professor A.S. Arya, Member Bihar State Disaster Management Authority, Shri Krishna Chaudhary, Director General, NDRF, Shri Sandeep Rai Rathore, Inspector General, NDRF and many other dignitaries, officials & children.



Releasing Earthquake Snakes & Ladders Game (Ludo-version 2) during the Disaster Reduction Day program



Students of ASN School, Mayur Vihar performing skit play on School Safety

A Skit play on school safety was presented by students of ASN School, Mayur Vihar, New Delhi. On Disaster Reduction Day, various school students also shared their experiences on recent disaster in Uttarakhand and its impact on education.

NIDM had organized poster making & slogan writing competition in schools across the country and the prizes were distributed to the winners of the competition during the Disaster Reduction Day. Awareness material on Disaster Management developed for students by NIDM were also released during the program. The poster making competition and slogan writing competition had

two categories, i.e., 1st category of class 6th to 10th and second category of class 11th and 12th. The winners of slogan writing competition are:-

Category I

1st prize: Poorvi Ghai, IX Standard, GBN School, Faridabad, Haryana

2nd prize: Deepak Kumar, IX Standard, Evergreen Public School, Vasundhara Enclave, Delhi

3rd prize: Triveni Dhir, X Standard, D.A.V Public School, Pitampura, Delhi

Category II

1st prize: Tanya Luthra, XII Standard, Lancer Convent School, Rohini, Delhi

2nd prize: Arpit Gupta, XI Standard, New Green Fields School, Kalkaji, Delhi

3rd prize: Rabika Nasir, XII Standard, Springdales English School, Kathura, Jammu & Kashmir

Winning Posters Category I



1st prize: Nitish Aggrawal, IX Standard,
Vishva Bharti Public School, Noida



2nd prize: Aneesh Gupta, VI Standard,
Goodley Public School, Delhi



3rd prize: Soumy Agarwal VIII Standard,
DPS, Noida

Category II



1st prize: Dishaddra Poddar, XI
Standard, Ryan International,
Delhi



2nd prize: Shrianka Dash, XI
Standard, D.A.V Public School,
Cuttack, Odisha



3rd prize: Paras Dalal, XI Standard, Manav Rachna
International School, Gurgaon, Haryana

NIDM Participated in India International Trade Fair (IITF-2013)

14-27 November 2013



Inauguration of the stall by Shri M. Shashidhar Reddy, Hon'ble Vice Chairperson of NDMA.

NIDM in collaboration with NDMA and NDRF showcased its materials and models in the India International Trade Fair with an objective to create awareness amongst people about Disaster Management. NIDM shared various awareness materials with the visitors, demonstrated shake table for liquefaction testing, displayed earthquake resistance building models, organized Street Play (*Nukkad Natak*) on disaster management, organized skit of school children on school safety and conducted Quiz Contest on various disaster related topics.

The stall was inaugurated by Shri M. Shashidhar Reddy, Hon'ble Vice Chairperson of NDMA in the presence of the Hon'ble members of NDMA, Secretary / Joint

Secretaries / Directors of NDMA, Executive Director of NIDM and other staff of NDMA, NDRF and NIDM on 14-11-2013. NIDM displayed its products and activities in the form of collage, showcasing various training, conferences and the modules published by the Institute. In addition, NIDM also put its various IEC materials for distribution and many other publications for display. A calendar, showing various disasters, was also released during the inaugural function by Shri M. Shashidhar Reddy, Hon'ble Vice Chairperson of NDMA. Detailed report can be accessed from http://nidm.gov.in/PDF/report_iitf%202013.pdf.

Outcome Discussion and Strategy Workshop on “Environmental Planning and Disaster Risk Management (EPDRM)”

22 October 2013, New Delhi

The ‘Deutsche Gesellschaft für Internationale Zusammenarbeit’ with the Indo-German Environmental Partnership Program (IGEP) contributed to India’s national efforts for Human Capacity Development in Disaster Risk Management since 2008 with the Environmental Planning and Disaster Risk Management (EPDRM) project. The outcome and strategy workshop was organized on completion of the project.

Shri. G.V.V. Sarma, Joint Secretary (DM) MHA; Mrs. Neelkamal Darbari, Joint Secretary (Admn & Co-ord) NDMA; Dr. Dieter Mutz, Director IGEP-GIZ; and Mr. Florian B. Lux, Advisor GIZ were the key dignitaries present during the workshop. Twenty four delegates from NIDM, DMI, NCDC, NDMA, MHA and GIZ also participated in this workshop. Dr. Satendra, ED NIDM delivered the welcome address. Dr. Anil K. Gupta, Program Director- EKDRM, briefed about the workshop. Mr. Florian, GIZ, gave an overview, components, key achievements and challenges of the EPDRM.

Representatives from all the three partners of the EPDRM: Dr. Rakesh Dubey, Director, Disaster Management Institute Bhopal (DMI) (Sub-project IDRM: Industrial Disaster Risk Management - 2008-2010); Ms. Sreeja S. Nair, Asst. Professor, National Institute for Disaster Management (NIDM) (Sub-project EKDRM: Environmental Knowledge for Disaster Risk Management - 2010-2013); Shri G.S. Saini, National Civil Defence College, (NCDC) Nagpur (Sub-project CDDRM: Civil Defence and Disaster Risk Management - 2010-2013) shared their experiences of implementing the respective sub-components.

Besides Dr. Ashish Chaturvedi, Program Director, Adapt Cap Project, IGEP shared the experiences of the joint initiatives with NIDM on integrating CCA and DRR in Tamil Nadu and Andhra Pradesh.

Dr. Dieter Mutz congratulated the partner organizations for their achievements and expressed thanks to the ministries for supporting the program. Dr. Mutz further mentioned that German Government will be keen to collaborate and work together on gap areas for which proposals need to be developed by National Institutions and has to be forwarded through DEA to German Government. The session was closed with concluding remarks from Mrs. Darbari, JS NDMA. Mrs. Darbari mentioned that NDMA will extend necessary support, however partner agencies should take necessary steps to sustain the initiatives and also carry out a details need and gap area analysis. Proposals need to be developed based on the same. The session ended with vote of thanks by Dr. Anil K. Gupta, Associate Professor of NIDM.



Mr. Lux delivering an overview of components, key achievements and challenges of EPDRM program.

Workshop/Consultation under National Cyclone Risk Mitigation Project (NCRMP)

3 October 2013



National level workshop on National Cyclone Risk Mitigation Project.

A National level Workshop/Consultation on Training Needs Analysis, Training Gap Analysis, Quantification & prioritization of training needs, Strategy for Training Policy and accreditation method for short term DM trainings was held at NIDM on 3rd Oct 2013, wherein experts on the subject and stakeholders from project partner States participated. The workshop was basically to finalize three deliverables under the study viz. (i) SWOT Analysis report (ii) Strategic Framework for implementation of Training (iii) Report on Accreditation Process, quality management and certification method of short term DM trainings. The deliverables were also shared with participants and their inputs were sought.

First eight deliverables have been achieved and design brief of five packages of Training modules was discussed. These modules are sector specific and are based on the survey findings undertaken in the study. The sectors identified for the study are - health, education, PRI, ULB and rural development. In addition, two packages of training modules are also to be developed for Journalists, i.e. one for entry level and the other for senior journalists.

Orientation Program for the Participants of Advanced Professional Program in Public Administration (APPPA)

8 November 2013

APPPA course is usually arranged for senior civil service officers to carry out higher studies in the field of their interest. The duration of the course is 10 months. To familiarize the participants with Disaster Management an orientation program was organized in NIDM, on 8th November 2013. The program was chaired by Shri Anil Kumar Sinha, Hon'ble Vice Chairman, Bihar State Disaster Management Authority, Patna. Dr. Satendra, ED NIDM welcomed the dignitaries and APPPA participants and informed about the course schedule. There were in total four sessions dealing with basic idea about the disaster management. The

other dignitaries, who interacted with the participants, include Shri K.M. Singh, Hon'ble Member, National Disaster Management Authority; Prof. V.K. Sharma, Consultant IIPA and Executive Vice Chairman, Sikkim Disaster Management Authority; Dr. Surya Parkash and Dr. K J Anandha Kumar, Associate Professors NIDM. The program ended with the Valedictory Address by Shri K.M. Singh, Hon'ble Member NDMA.



Group Photo of APPPA Participants with NIDM faculty.

National Training Workshop on Disaster Risk Reduction and Mainstreaming into Development Process for Joint Secretaries/ Directors of Central/State Governments

11-12, November, 2013

NIDM organized a National Training Workshop for Joint Secretaries and Director level officers from Central Ministries/ State Governments on “Disaster Risk Reduction and Mainstreaming into Development Process” during 11-12 November, 2013 at New Delhi. Aim of the workshop was to help develop capacity of ministry/ department and agencies of central and state government to draw a disaster management plan and schemes, covering all aspects of mitigation, response and capacity building.

The key objectives of the course were

- i) To sensitize and orient the delegates on implications of disasters on development and sustainability facets.
- ii) To discuss the need, approaches, tools and strategies for mainstreaming DRR into developmental planning -programs/actions of NRM/environment sectors, infrastructure planning, social welfare, economic and industrial developments and
- iii) To acquaint with the objectives, scope and ways of integrating DRR and DM functions (mitigation, preparedness, capacity building) into various program/schemes and actions across sectors.



Mr. Anil Sinha, Hon'ble Vice Chairman, BSDMA addressing the participants during the inaugural session.

Inaugural session was presided by Hon'ble Member of National Disaster Management Authority Mr. V. K. Duggal, and keynote was delivered by Mr. Anil Sinha, Vice-chairman of Bihar State Disaster Management Authority. Secretary of NDMA, Mr. Shyam S. Agarwal chaired the Valedictory Session. A special panel discussion was chaired by Dr. B. N. Satapathy, Senior Advisor at Planning Commission, where in the delegates presented their group work recommendations on mainstreaming strategies for four sector clusters, viz. a) Environment and Natural resource sector, b) Social welfare program, c) Infrastructure sectors and d) Industry and commerce sectors. Dr. Anil K Gupta, Associate Professor and Ms. Chandrani Bandyopadhyay, Assistant Professor were the coordinators of the workshop.

Training of Trainers Program on Disaster Management & Civil Defence

11-14, November, 2013

Hon'ble Prime Minister of India launched *Saakshar Bharat*, a centrally sponsored scheme of Department of School Education and Literacy (DSEL), Ministry of Human Resource Development (MHRD), Government of India (GOI). The aim is to promote and strengthen Adult Education, especially of women, by extending educational options to those adults who lost the opportunity of access to formal education and crossed the standard age for receiving such education. In later stages, apart from basic literacy five new aspect of

functional literacy (Disaster Management being one of them) were added to this program. In this context, National Literacy Mission Authority approached NIDM for conducting a Training of Trainers course on disaster management and civil defence for their Key Resource Persons (KRPs). NIDM conducted this ToT course in collaboration with National Literacy Mission Authority, Gol during November 11-14, 2013. Coordinators/ Asstt. Coordinators from 32 State Resource Centres of 23 States attended the program. The course module comprised of sessions on various aspects of disaster management including basic concepts and also on role of civil defence in disaster management. The lectures regarding disaster management and civil defence, during the entire course, were mainly taken by NIDM faculty. The sessions were well appreciated by the participants. The KRPs thus trained, would impart training to Master Trainers, who would train the *Preraks* (Last functionary in the chain of Literacy Mission) to disseminate such education to the community.

Training Workshop on “Formulation of State Disaster Management Plan” at Anna Institute of Management

13 November 2013

A State Level Workshop on “Formulation of State Disaster Management Plan” was organized by the Department of Revenue Administration in collaboration with National Institute of Disaster Management (Ministry of Home Affairs, Gol) at Anna Institute of Management, Chennai on 13 November 2013. The aim of training program was to impart knowledge to various officials of State Govt. departments including research & training institutes on development of Disaster Management Plan for effective prevention and mitigation of the risks due to any type of disasters.



Group Photograph of the Workshop

Fifty five Participants from Revenue, Agriculture, Water resources, Industrial safety and health, commerce and Industry, health, police, fire, Air Force, NDRF, Universities and Institutions and NIC and several other departments participated in the training. Workshop was coordinated by Dr. Anil K. Gupta (Head of Policy Planning Div. NIDM), Ms. Sreeja S Nair (Asst Prof. NIDM), and Mr. Ashish Chatterjee (Addl Commr, Disaster Mitigation and Management, Govt. of TN). Local coordination was done by Dr. Arasu Sundaram (Associate Professor & Head DMC, Anna Institute of Management). The program was inaugurated by Dr. T.S. Sridhar, Additional Chief Secretary & Commissioner of Revenue Administration. Mr. Ashish Chatterjee briefed about the importance of State Plan, Legal Mandate and Role Line departments. Dr. J. Radhkrishnan, Secretary, Health, Govt. of TN also addressed the participants on issues of integrated DM Planning. Topics of workshop included mainstreaming DRR concepts and scope, legal issues, Guidelines and framework of SDMP, need of coordinated efforts for planning, and role of various departments.

Seminar on “Chemical (Industrial) Disasters - Off-site Emergency Management and Integration with District Disaster Management Plans”

18-20 December 2013

NIDM in collaboration with Multi Disciplinary Centre for Safety Health and Environment (MDC for SHE), Odisha, organized a three days National Seminar on “Chemical (Industrial) Disasters - Off-site Emergency

Management and Integration with District Disaster Management Plans” during 18-20 December 2013 at the premises of MDC-SHE Bhubaneswar.

Aim of the seminar was to update the knowledge and develop skills of the participants on issues related to the prevention, mitigation, preparedness and response for industrial disasters with special focus on Chemical Industries.

The National Seminar was inaugurated by Dr. Taradatt, IAS, Addl. Chief Secretary, Odisha & CMD, OSDMA. Shri G.S.Khuntia, Vice President, MDC on SHE extended warm welcome to the delegates and resource persons.

Deliberations were made by experts on various themes covering areas of Chemical Disaster Management including Introduction to chemical disaster management, Institutional and Legal Framework, Offsite and Onsite planning, Transportation of Hazardous Chemicals, Medical Preparedness and Response, Risk Sensitive Land use Planning and Community Preparedness and Response in the 12 technical sessions that were held during the seminar.



Release of souvenir during the inaugural Session of the National Seminar.



Industry visit and mock drill at IOCL Jatni

Industry visit to IOCL Jatni was organized on 19 December and fire fighting mock drill was organized during the visit. The program was attended by 38 delegates including senior state government officials, faculty members of NIDM and officials from Industry.

Valedictory session of the seminar was presided by Shri Purna Chandra Das, Chief Inspector of Factories, Odisha. Shri Das appreciated the continued efforts made by NIDM and MDC on the very important issue of Chemical Disaster Management.

Training of Trainers Program on “Community Based Disaster Risk Management”

16-20 December 2013

NIDM in collaboration with SIRD Tamil Nadu organized a five days Training of Trainers program on “Community Based Disaster Risk Management” during 16-20 December, 2013, at State Institute of Rural Development, Maraimalai Nagar, Tamil Nadu. Fifty six participants from various parts of Tamil Nadu participated in the training. One day field visit to the coastal village of Samyarpettai in Cuddalore district (one of the worst affected villages of 2004 tsunami) was organized during the training program



Group Photo of the Training of Trainers Programme on “Community Based Disaster Risk Management”

to understand about Village Level Disaster Risk Management Plan and preparedness. The training program was coordinated by Dr. K.J. Anandha Kumar, Associate Professor, NIDM and Mr. Arputharaj, Senior Faculty, SIRD, Tamil Nadu.

NIDM's Visit to Disaster Hit Regions: Odisha and Uttarakhand

Cyclone Phailin in Odisha

Dr. Surya Prakash, Associate Professor, NIDM visited the cyclone hit areas of Odisha coast during 28-30 of October to carry out a brief study of the event (Phailin cyclone followed by floods), its impacts, actions taken by different stakeholders in pre, during and post-disaster situations, lessons learnt etc. The field visit was limited to some of the coastal areas to get an insight of the ground conditions and interaction with different people, who have been affected directly or indirectly by the cyclone.

Dr. Parkash visited Bhubneshwar, Chhatrapur, Berhampur, Gopalpur, Nuagaon, Khurda, Puri, Dakshinpatanagar, Jagatsinghpur and Katak. Meetings were held with the OSDMA, Revenue and Disaster Management, officials of district administration including health & education sector, Women and Child Welfare Department, Inter-Agency Group (IAG), Indian Red Cross, NGOs, CBOs, village committees, fishermen and women groups, school teachers/students, affected population etc. NIDM is in the process of developing a detailed report on Cyclone Phailin, including lessons learned.

Flash Flood Hit Districts of Uttarakhand

Mr. Manas Dwivedi, Junior Consultant of NIDM, visited disaster affected areas of Rudraprayag, Sonprayag and Kedarnath of Chamoli & Rudraprayag district during 12-21 October. Objective of the visit was to carry out post disaster societal analysis, including psycho-social impact assessment of affected population. During the visit Mr. Dwivedi had several interviews with eye witnesses of disaster (rest house owners, managers & community) in the Kedarnath area, Triyuginarayan village, Guptakashi, Ukhimath, Sonprayag, Bhimbali, Gopeshwar, Joshimath & Badrinath. Societal analysis of various aspects covering livelihood recovery, local economic structure, household coping strategies, impacts on social relation & cohesion, relief, recovery etc. were carried out through PRA.



Crashed Helicopter en route to Kedarnath Trek

National Disaster Management Plan

NIDM team comprising of Dr. Anil K. Gupta (Associate Professor), Ms. Sreeja S. Nair, (Assistant Professor) and Ms. Rinkal Mahajan (Jr. Consultant) were actively involved in the formulation of National Disaster Management Plan in association with Ministry of Home Affairs. The draft compiled was circulated to National Executive Committee (NEC) members, and comments/ inputs received from various ministries and nodal agencies were incorporated. The plan was finally approved by NEC on 21 Oct 2013.

Meetings and Delegations

First meeting of Technical Advisory Committee (TAC) was held at NIDM

19th November 2013



Prof. H.K. Gupta, Hon'ble Member, NDMA Chairing
TAC Meeting

The first meeting of Technical Advisory Committee (TAC) was held at NIDM on 19th Nov 2013. The Governing Body (GB) of NIDM in its 7th meeting held on 23rd Aug, 2013 under the Chairmanship of Hon'ble VC, NDMA, had constituted the TAC to discuss and recommend on the Academic/ Technical and Perspective Plan related matters of NIDM. Many technical and academic matters like various policies, Trainee and Trainer database, Collaborative Research, Disaster Management Research Fellowship and Perspective Plan of NIDM, were discussed. The meeting was chaired by Prof. Harsh K. Gupta, Hon'ble Member, NDMA (Chairman) and attended by Ms. Neelkamal Darbari,

Jt. Secretary (Admn.), NDMA, Prof. Ashwini Kumar, Dean Eq. Engg., IIT, Roorkee, Dr. Satendra, Executive Director, NIDM (Member Secretary) and Dr. Anil K. Gupta, Associate Professor and Head PPCCI Division, NIDM (Coordinator). The decisions of this Committee would be submitted to the Governing Body of NIDM.

NIDM conducted Faculty-Student Interaction Program

16th December, 2013

As a part of their educational tour, 75 students of 3rd year Civil Engineering from Gokaraju Rangaraju Institute of Engineering & Technology (GRIET), Hyderabad, visited NIDM on 16 Dec 2013. Giving welcome address to students and Teachers from GRIET, Ms. Chandrani B. Neogi, Assistant Professor, explained about genesis of NIDM and its activities, including Disaster Management education, training and capacity building across the country. Afterwards an interaction session was held by Dr. Chandan Ghosh, Professor, NIDM on "Earthquake risk mitigation and professional expertise in disaster mitigation". Prof. Ghosh explained the role of modern day Civil Engineer to carry forward with the NIDM's mission towards "disaster free India". He emphasized the importance of robust experimental facilities and physical models for making society aware of the quality construction so that Civil Engineers in India can start ensuring performance of the built environment, against natural hazards like earthquake, floods and landslides. Prof. Ghosh gave several illustrations on the professional zeal for Civil engineering graduates. The students were motivated to explore some grey areas for employment opportunities in Civil Engineering field and taking thoughtful action towards the professionalizing of disaster mitigation and management practices in the country.

Educational Visit of Students from Sadhu Vaswani College of Nursing

6th December 2013.

Twenty four students from Sadhu Vaswani College of Nursing visited NIDM on 6th December 2013. Two presentations on:

- i) “Basic Concept of Disaster Management and Institutional Framework of DM in India.”

“Issues on Gender during Disaster” were made by Dr. K.J Anandha Kum ar, Associate Professor (NIDM) and Dr. Ajinder Walia, Assistant Professor (NIDM) respectively. The educational visit of the students was concluded with a discussion session.



Interaction session with students from Sadhu Vaswani College of Nursing.

Central Review Committee meeting of National Cyclone Risk Mitigation Project

23rd December 2013

Second Central Review Committee (CRC) meeting for monitoring the status and deliverables of the study was held on 23rd Dec, 2013 at NDMA. The agenda for the meeting was to review the achievement of deliverables from 1 to 8 and action taken by NIDM on the minutes of the last CRC meeting held on 30th July, 2013. The representation from NIDM for the PIU team included Dr Satendra, Executive Director and Project Director, NIDM; Dr. K.J. Anandha Kumar, Project Coordinator, NCRMP; Ms. Priyanka Chowdhary, Specialist and Ms. Rani Dhakad, Project Associate. A presentation regarding the current status of the study, highlights of the approved deliverables and future course for completion of the study, was made by Ms Priyanka Chowdhary on behalf of NIDM PIU. This led to discussion on various aspects of the study amongst the Committee members and some valuable inputs were received in the process. The meeting ended with a presentation by the Consultants on key components of a forthcoming deliverable which will be a white paper on training and capacity building.

Fire Fighting Mock Drill

20th December 2013



The staff of NIDM participating in Fire Fighting Mock Drill.

NIDM conducted mock drill for fire fighting on 20th December 2013. The drill was conducted in order to teach the correct use of fire extinguishers. The demonstration was conducted by trained personnel. They demonstrated three types of fire extinguishers i.e., Type A, B and C. They also explained the use of these three types of extinguisher in different type of fire breakout. All faculty members and staff of NIDM were present during the drill, including Executive Director of NIDM.

International Delegates of NDMA briefed about NIDM

2nd December 2013

A briefing on NIDM was given by Dr. K.J. Anandha Kumar, Associate Professor, to a foreign delegation composed of 12 Government officials of mid-ranking level from Afghanistan, Bhutan, Fiji, Laos PDR, Nepal and Philippines, etc. at NDMA on 2nd December 2013.

Major Disasters

Cyclone Phailin

The very severe cyclonic storm hit the east coast of Odisha on 12th October 2013. The landfall point was noted to be Gopalpur in Ganjam district. Wind velocity was recorded to be 205-220 kmph which resulted in storm and high tidal waves. The coast of Gopalpur was hit with storm and tidal waves of 3.0 to 3.5 meters high, which affected Ganjam, Puri, Khordha, Jagatsinghpur, Kendrapada, Gajapati, Nayagarh, Keonjhar, Khandhamal, Koraput, Mayurbhanj, Bhadrak, Balasore, Jajpur, Cuttack, Bolangir and Angul districts of Odisha. The very severe cyclonic storm led to floods in many districts and has caused serious damages in the State. 2812 villages have been affected in Ganjam district alone.



*The image of Very Severe Cyclonic Storm Phailin.

The cyclonic storm rendered many homeless apart from affecting lives, power supply, water supply system, communication system, property, horticulture, agriculture, livestock, etc. Cyclone was followed by floods in many regions of Odisha including, the low lying areas of Mayurbhanj, Balasore, Bhadrak, Keonjhar, Jajpur and Ganjam. The overflow of Baitarani, Budhabalanga, Rusikulya, Subarnarekha and Jalaka rivers led to flooding in the region. Although it was Very Severe Cyclonic Storm, it caused very few casualties.

IMD tracked the cyclone from 8th October onwards and provided the timely information to the State government. Preparedness arrangements were ensured by the Minister, Revenue and Disaster Management well in advance, which helped save many lives. Over 9.84 lakh people were evacuated by the end of 11th October 2013. More than 5.41 lakh families were provided with polythene sheets for temporary shelters since houses were damaged severely. The arrangements were made to evacuate animals as well. More than 31,062 animals were evacuated and shifted to safer regions. For their overall medical checkup and care, more than 283 veterinary teams were positioned in cyclone and flood affected areas. Almost 89840 livestock was treated and 230400 cattle were vaccinated. The high quality fodder of about 849.25 MT was distributed among 29248 livestock and 1284 cattle camps. The Very Severe Cyclonic Storm affected energy infrastructure severely, according to the Memorandum provided by Government of Odisha.

*<http://www.rediff.com/news/report/deadly-cyclone-phailin-is-half-the-size-of-india/20131011.htm>

Stampede in Ratangarh, Datia, MP

The stampede in Ratangarh temple in Datia district of Madhya Pradesh led to 111 deaths and rendered over 110 people injured on 13th October 2013. It is estimated that there were more than 5 lakh people present in the temple on 13th October, on the occasion of *Navratri*. The rumor of the collapsing bridge led to this mishap. It is said that over 25,000 people were on the bridge, which is located above Sindh River. The broken railing of the bridge led to the rumor of bridge collapsing, which led to panic in the crowd that resulted into stampede. Frightened people started pushing each other to make way off the bridge, killing many. Some of them are said to have drowned due to fall in the swollen river. Most victims in this stampede were women and children. Rescue operation was soon started but was hampered by a 7 km long traffic snarl on the road due to stampede. The government of Madhya Pradesh announced the compensation of Rs. 1,50,000 each to the family of deceased and Rs. 50,000 to those who were injured.

Publications /IEC Materials/ Papers/ Modules/ Documentation

IEC Materials

- IEC materials in the form of disaster awareness booklets, Do's and Don'ts, pamphlets, flyers, games, video-clips, films etc. for display and distribution during India International Trade Fair (IITF)- 2013 to be held in Pragati Maidan, Delhi during 14-27 November. NIDM already participated in IITF 2012 and this is the second time the institute participated in this mega event.
- Video clips developed by NIDM on Uttarakhand Disaster, Cyclone Phailin and NIDM Self Study Portal developed in collaboration with CDAC were displayed during India International Trade Fair (IITF)- 2013.
- NIDM developed "Earthquake Shaketable" for public demonstration of earthquake effect on buildings at 33rd IITF-2013. Dr. Chandan Ghosh, Professor and Head (Geo Hazard Division) demonstrated Shake Table for liquefaction effect on model buildings and underground utilities using Yamuna river sand. The device was able to show pore water pressure (PWP) fluctuations during shaking.

NIDM has developed Wall Calendar as well as Desk Calendar for the year 2014. The Calendar comprises of "Dos and Don'ts" for 12 common disasters, i.e. cold wave, heavy rains and lightening, epidemic, earthquake, drought, heat wave, flood, forest fire, landslide, cyclone, fire and tsunami. The calendars also comprises of pictures that give us a quick idea about what can be done in situations like droughts, cold wave, epidemics, etc. The wall calendars were circulated to various stakeholders at Central and State levels for creating awareness about management for common disasters.

Papers

Gupta, A.K., Nair, S.S, Yunus, M. (October, 2013). Uttarakhand Disaster 2013 - Floods and Landslides: Lessons of ecology not yet learnt. News Letter of International Society of Environmental Botanists 19 (4), 7-10.

Modules

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3. Bach, C., Gupta, A. K., Nair, S. S., & Birkmann, J. (2013). *Critical Infrastructure and Disaster Risk Reduction*.

Documentation

Uttarakhand Disaster Report 2013: The Uttarakhand disaster in June 2013 is documented by NIDM in order to discuss the causes and effects of the disaster and lessons learned. The Uttarakhand report comprises of 6 Chapters, which discusses the geographical background of the State, vulnerability of the state



and causes of disaster, immediate response to disaster, contextual findings and lessons learnt from the catastrophe and technical solutions for reconstruction. The chapters have been compiled after proper study of primary and secondary data collected by the faculty members and staff of NIDM. This includes three visits of NIDM faculty in the month of June, July and October 2013 to the affected regions. The Districts covered during these visits were Rudraprayag, Chamoli, Uttarkashi, Tehri Garhwal, Pauri Garhwal, Haridwar and Dehradun. During the visit, various stakeholders, i.e. local people, traders, pilgrims, government officials, NGOs etc., were interviewed. A national level workshop was also organized by NIDM in August 2013 to seek inputs from various role players/ stakeholders during response and rescue. After compilation of this report, it was sent to various stakeholders and comments were sought for the improvisation of the document. All the comments and advices were incorporated to finalize this report. This report was prepared after lot of efforts from NIDM faculty and staff and it took around 4 months to finalize this report. The final report hence prepared, has now been forwarded to the Ministry of Home Affairs.

Training Program Organized (October - December 2013)

Sl. No.	Name of Prog.	Venue	Dates	Faculty	No. of Participants
1.	Community Based Disaster Management	SDMA, Sikkim	3 rd Oct	Dr. Surya Prakash	45
2.	Comprehensive Landslides Risk Management for Engineers, Govt. Officials, PRI Members, NGOs and Civil Defence	SDMA, Sikkim	4-5 Oct	Dr. Surya Prakash	45
3.	GLOF and LLOF	SDMA, Sikkim	7-8 Oct	Dr. Surya Prakash	36
4.	IRS- Incident Command System	NIDM, New Delhi	7-8 Oct	Col. P. K. Pathak	18
5.	IRS-Operation section	NIDM, New Delhi	9-11 Oct	Col. P. K. Pathak	18
6.	Forest Fire Disaster Management	FRI, Dehradun	7-11 Oct	Dr. A. D. Kaushik Dr. Anil K. Gupta	25
7.	Orientation Programme On DM for APPPA Course participants	NIDM	8 th Nov	Dr. Surya Prakash	33
8.	Mainstreaming DRR into Development for JS level Officers in collaboration with DoPT	NIDM	11-12 Nov	Dr. Anil K. Gupta Ms. Chandrani Bandyopadhyay	18
9.	National Level Trg. of Key Resource Person on DM & CD in Collaboration with NLMA and SRC, Kolkata, WB	NIDM	11-14 Nov	Shri Shekher Chaturvedi	32
10.	Training Workshop on Formulation of State Disaster Management Plan, SDMA, Tamil Nadu	AIM, Chennai	13 th Nov	Ms. Sreeja S. Nair Dr. Anil K. Gupta	55
11.	Gender and Disaster Management	NIDM	18-22 Nov	Dr. Ajinder Walia	11
12.	Disaster Management for Civil Defence Officers	NIDM	18-22 Nov.	Col. P. K. Pathak	16
13.	Post-Disaster Long Term Recovery	NIDM	25-27 Nov	Dr. Anil K. Gupta Mr. Ashok Sharma	21
14.	Orientation prog. For Officials from DST with IIPA	NIDM	26 th Nov	Mr. Shekher Chaturvedi	30
15.	Participatory Management of Forest Fire in Urban Areas	Dehradun	25-29 Nov	Ms. C. Bandyopadhyay Dr. A. D. Kaushik	10

Sl. No.	Name of Prog.	Venue	Dates	Faculty	No. of Participants
16.	Orientation Program On DM for Assam Secretariat Officers with ISTM	NIDM	28 th Nov	Dr. K. J. Anandha Kumar Mr. Tapas Kumar Saha Roy	26
17.	Regional Training Programme on India Disaster Resource Network	Ranchi	29 th Nov	Ms. Sreeja S. Nair Ms. Anupama Sethi	30
18.	Stampede Risk Reduction	ATI, West Bengal	4-6 Dec	Shri Shekher Chaturvedi Col. P.K Pathak	27
19.	Chemical (Industrial) Disaster Management	MDC for SHE, Odisha	18-20 Dec	Dr. Anil K. Gupta Ms. Sreeja S. Nair	38
20.	IRS - Planning Sections Chief	NIDM	16-20 Dec	Col. P.K Pathak	10
21.	Training of Trainers in "Community Based Disaster Risk Management"	SIRD, Tamil Nadu	16-20 Dec	Dr. K.J. Anandha Kumar	56

Upcoming Events (January - March, 2014)

Upcoming Training Programs

Sl. No.	Name of Course	Venue	Date (s)	Faculty
1.	IRS - Logistic Section Chief	NIDM	6-10 Jan	Col. P. K. Pathak
2.	Mainstreaming DRR into Development	ATI, West Bengal	6-10 Jan	Ms. Chandrani Bandyopadhyay
3.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	NIT Silchar, Assam	8-10 Jan	Prof. C. Ghosh
4.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	DDMA, Ghaziabad	15-17 Jan	Prof. C. Ghosh
5.	Disaster Database Management	NIDM	20-23 Jan	Ms. Sreeja S. Nair
6.	Drought Management	CAZRI, Jodhpur	20-24 Jan	Dr. K. J. Anandha Kumar Consultant
7.	Stampede Risk Reduction	YASHADA, Maharashtra	21-23 Jan	Mr. S. Chaturvedi Col. P. K. Pathak
8.	Seismic Safety Assessment of Buildings by Rapid Visual Survey	Mumbai	21-23 Jan	Prof. C. Ghosh
9.	Disaster Management for Panchayati Raj Institutions	SIRD, Chhattisgarh	27-31 Jan	Mr. Shekher Chaturvedi Consultant
10.	Disaster Safe Housing	NIDM	28-31 Jan	Prof. C. Ghosh Dr. Ritu Raj
11.	Mainstreaming DRR into Development	NIDM	29-31 Jan	Dr. K.J. Anandha Kumar Consultant
12.	Comprehensive Landslide Risk Management	NIDM	3-7 Feb	Dr. Surya Parkash
13.	Earthquake Resistant Constructions and Mitigation Planning for APWD, Town & Country Planning and Municipal Officials	Port Blair	3-7 Feb	Prof. C. Ghosh Dr. K. J. Anandha Kumar
14.	Disaster Management for NCC & NYKS Officers	NIDM	3-7 Feb.	Col. P. K. Pathak Consultant
15.	Climate Change adaptation with emphasis on Water Sector	IIPA	10-14 Feb	Dr. K. J. Anandha Kumar Consultant
16.	School Safety	DPS Delhi	10-14 Feb	Dr. Ritu Raj

Sl. No.	Name of Course	Venue	Date (s)	Faculty
17.	Basic Course in DM for NDRF Officers	NIDM	10-14 Feb	Dr.Sushma Guleria Consultant
18.	Climate Change Adaptation	Uttarakhand Academy	18-20 Feb	Dr. Anil K. Gupta Consultant
19.	School Disaster Management Plan	NIDM	3-5 Mar	Dr. Ritu Raj
20.	Comprehensive Disaster Risk Management for Officials of African Countries	Delhi (TBC)	24 Feb - 7 Mar	Dr. K. J. Anandha Kumar Mr. Shekher Chaturvedi Dr. Sushma Guleria
21.	School Disaster Management Plan	NIDM	3-5 Mar	Dr. Ritu Raj
22.	ToT on Disaster Management	CGAA, Chhattisgarh	3-7 Mar	Mr. Shekher Chaturvedi Dr. Sushma Guleria
23.	Forestry as livelihood in climate change adaptation	FRI Dehradun	3-7 Mar	Dr. A. D. Kaushik Ms. Chandrani Bandyopadhyay
24.	Post Disaster Needs Assessment	BIPARD, Bihar	5-7 Mar	Dr. Anil K. Gupta Consultant
25.	Community Based Risk Management	NIDM	10-14 Mar	Ms. Chandrani Bandyopadhyay
26.	IRS: Basic & Intermediate	NIDM	19-21 Mar	Col. P. K. Pathak Consultant
27.	Drought Risk Management	CRIDA, Hyderabad	19-21 Mar	Dr. K. J. Anandha Kumar Consultant

Major Events

- Release of NIDM Training Calender and India Disaster Report on 6 January 2014 at NIDM
- Brainstorming Workshop on Prespective Plan for Strenghtening and Expansion of NIDM, 17 January 2014 .
- National Workshop on Risk to Resilience: Mainstreaming Climate Change Adaptation and Disaster Risk Reduction into developmental plans, 28 January 2014
- Training Need Analysis and Annual Training Conference on 6-7 February 2014



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

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