



Monthly Updates

December 2013

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

18-20 December 2013 at MDC-SHE, Bhubaneswar

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. Key objectives were to enable the participants to (i) follow systematic approach in planning, preparedness and mitigation for chemical disaster management (ii) perform better assessment of chemical disaster related risks and vulnerabilities (iii) improve coordination amongst various

agencies and organizations (iv) Integrate on-site and off-site plans with District Disaster Management Plans.

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.



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



Industry visit and mock drill at IOCL Jatni



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.

Industry visit to IOCL Jatni was organized on 19 December and fire fighting mock drill was organized during the visit. The programme 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, Orissa. Shri Das appreciated the continued efforts made by NIDM and MDC on the very important issue of Chemical Disaster Management. He has assured that all measures at state, district and local level shall be worked out in consultation with disaster management and other line departments and industrial associations in the state of Odisha.

Visit of Assistant Executive Engineers (Civil and Electrical) of CPWD

19th of December 2013 at NIDM

The visit of Assistant Executive Engineers (Civil and Electrical) of CPWD was held on 19th December 2013 at NIDM. The session was inaugurated by Dr. Satendra, Executive Director NIDM. During the inaugural address he has emphasized on the need of disaster management in policy formulation. He also mentioned that the engineering techniques used in ancient times are today taken as the Laurels of the World, citing examples from ancient history such as Taj Mahal, Red Fort, Howra Bridge etc. He has briefly mentioned the initiatives that National Institute of Disaster Management has taken towards making the country disaster resilient.



Group photograph of Participants

Prof. Chandan Ghosh, Head Geo-Hazards, briefed the audience about the importance of civil engineering in construction of reservoir, canals, modern tunnels, bridges, modern buildings, transportation & logistics like Delhi Metro Rail Corporation. He also discussed about the role of latest technology available to optimize the resources such as CAD, CAM, Robotics, Information technology, GIS, GPS and many others respectively. The session was concluded on the fruitful



note of making young professionals to understand the facts & seriousness of the nature of the role played by them in the society for making it resilient, eradicating risk associated to life as well as the property.

Training of Trainers Programme on "Community Based Disaster Risk Management"

16-20 December, 2013

NIDM in collaboration with SIRD Tamil Nadu organized a five days Training of Trainers programme on "Community Based Disaster Risk Management" during 16-20 December, 2013, at State Institute of Rural Development, Maraimalai Nagar, Tamil Nadu.



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

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

NIDM conducted Faculty-Student Interaction Program

16 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



Prof. Ghosh delivering lecture on Earthquake risk mitigation and professional expertise in disaster mitigation



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 participants from Sadhu Vaswani College of Nursing visited NIDM on 6th December 2013. Two presentations (i) Basic Concept of Disaster Management and Institutional Framework of DM in India (ii) Issues on Gender during Disaster were made by Dr. K.J Anandha Kumar, 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

23 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 1-8 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 KJ 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

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.



Staff of NIDM participating in fire fighting mock drill.

Delegations

International Delegates of NDMA briefed about NIDM

2nd December 2013

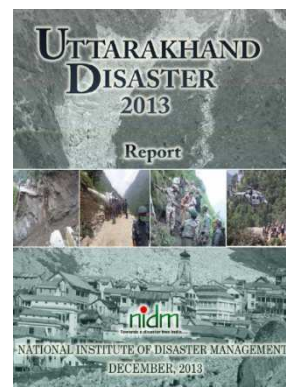
A briefing on NIDM was given by Dr. K.J. Anandha Kumar, Associate Professor, to a foreign delegation composed of 12 Government officials of mid-ranking level from Afghanistan, Bhutan, Fiji, Laos PDR, Nepal and Philippines, etc. at NDMA on 2-12-2013.

Reports

Uttarakhand Report 2013

The Uttarakhand disaster in June 2013 is documented by NIDM in order to find out 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 3 visits of NIDM faculty in the month of June, July and October 2013. The Districts covered during these visits were Rudraprayag, Chamoli, Uttarkashi, Tehri Garhwal, Pauri Garhwal, Haridwar and Dehradun. During the visit, important 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 asked for the improvisation of the documentation. 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.

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 disaster, analysis of affected areas, response and rehabilitation and the lessons learnt from these disasters. It is expected that these efforts of compilation of disaster data and its analysis would provide us with valuable information and trends on the occurrence of disaster and their impact on the society, which will further be used for disaster risk reduction.



Awareness Material

As per mandate of NIDM, awareness generation is one of the main tasks of the Institute. Taking the significance of spreading awareness in consideration, 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 calendar will be circulated to the various stakeholders at Central and State levels for creating awareness about management for common disasters in the country.





List of Training Programmes organized

S. No	Name of Programme	Venue	Dates	Faculty	No. of Participants
1.	Stampede Risk Reduction	ATI, West Bengal	Dec.4-6	Shri Shekher Chaturvedi Col. P.K Pathak	27
2.	Chemical (Industrial) Disaster Management	MDC for SHE, Odisha	Dec. 18-20	Dr. Anil K. Gupta Ms. Sreeja Nair	38
3.	IRS – Planning Sections Chief	NIDM	Dec. 16-20	Col. P.K Pathak	10
4.	Training of Trainers in "Community Based Disaster Risk Management"	SIRD, Tamil Nadu	Dec. 16-20	Dr. K.J. Anandha Kumar	56