

Editorial Board

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HIGHLIGHTS

Annual Training Conference 2011

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Message

The National Institute of Disaster Management (NIDM) has been entrusted with the nodal responsibility for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management under the Disaster Management Act 2005. Our mission is to be a premier Institute for training and research on disaster risk mitigation and management in India and be recognized as one of the leading Institutions at the International level in the field. Successful disaster risk reduction strategies involve careful efforts to combine knowledge, technology, expertise, institutional capacities, management skills, and practical experience for optimum results, which would not be possible without proper collaboration between the key players at various levels. The institute is making extensive use of information technology to take the message of disaster management to the community outside – the online courses conducted in collaboration of the World Bank Institute in Washington since 2006 is a case in itself. Self study courses are being developed and would reach further to people at various levels. NIDM is networking with various scientific, technical, academic and research organizations specializing on different aspects of disaster management around the world. NIDM has emerged as a think tank on disaster management providing policy support to the national, local, regional and international organizations. Events like the Annual Training Conference, National Conference on Earthquake Risk Management with North East Space Application Centre, Geoinformatics Applications for Chemical Disaster Management with ITC Netherlands and CEPT University, Ahmedabad, training workshop on Space Technology Applications in DRR and Emergency Response with UNSPIDER are some of the major events organized by NIDM during the quarter.

Santosh Kumar

International Training Programme on Comprehensive Disaster Risk Management for Officers of African Countries

HIPA, Gurgaon 10-21 January 2011

The Training of Trainers Programme on Comprehensive Disaster Risk Management for Officials from African countries was organized by National Institute of Disaster Management (NIDM) under the Africa India Framework signed in New Delhi in May 2008. The programme has



Inaugural session of the Training of Trainers Programme on Comprehensive Disaster Risk Management for Officials from African countries

been agreed under the broader head of political cooperation sub clause peace and security as an item no.12 Technical assistance and Capacity building for disaster Management and humanitarian Assistance.

The Programme was organized by NIDM in collaboration with Haryana Institute of Public Administration, Gurgaon during 10-21, January 2011 at Haryana Institute of Public Administration, Gurgaon. 25 Officials from 17 African countries participated

in the programme. The course was aimed at the capacity building of officials dealing with pre, during and post disaster situations by providing knowledge and skills. The course was structured in 11 modules viz. Conceptual Framework, Disaster Management systems & Framework and Institutional

Mechanism, Disaster Management : Hazard Specific (focused on hazards in Africa), Disaster & Development, Climate Change & Disaster Risk reduction and Adaptation, Science & Technology, Cross-cutting Issues, Health Care, Disaster recovery

Planning, Emergency Response and Role of Bilateral and Multilateral Organisations. Wide range of methods including Lecture and discussion, Panel Discussion, Individual and group exercise, Field Visit, Individual/ Group presentation and feedback on training techniques and Film / case Study were opted to assure effective learning. The field visit was found extremely helpful in understanding how initiatives have been translated at the grass root level and the challenges and opportunities.

The second NIDM – United Nations Platform for Space-based Information for Disaster Management and Emergency Response (UN-SPIDER) workshop was organized at NIDM from 28 to 30 March 2011. 21 officials from various states of India and 4 from SAARC countries attended the workshop. Indian delegates were from the State Disaster Management Authorities, Middle level administrators of Department of Disaster Management and Faculty members of Administrative Training Institutes, Remote Sensing Application Centres etc. Participants from other SAARC countries included two officials from the Disaster Management Bureau Bangladesh, one from Disaster Management Centre of Sri Lanka, and one from National Disaster Management Centre of Maldives and ICIMOD Nepal.

This training programme workshop was found extremely helpful in developing capacity of Disaster Managers on the applications of space technology for disaster management which will indeed be helpful in bridging the gap between the geo-spatial and

Blended Learning

A preparatory workshop for introducing the blended learning course on Environmental Statistics and Disaster Risk Management was jointly organized by Ifanos-India, GTZ -Inwent -and NIDM at National Institute of Disaster Management during 27 and 28 September, 2010. Subsequently

2nd NIDM-UNSPIDER training Workshop on Space Technology Applications in DRR and Emergency Response

28 -30 March 2011

disaster management functionaries at various levels. The Resource persons for this workshop included the experts from Indian Space Research Organisation (ISRO), UN-SPIDER/ UNOOSA ICIMOD and NIDM. During the Workshop the representatives of various countries and states of India shared their experiences of using of space based information in their respective countries and Indian states. Panel discussions on following topics reflected the current state of the space technology usage in respective State/Country represented by the participants. The key discussion were on how Space Based Information can be used for Disaster Risk Reduction and emergency response during the Pre-disaster, disaster onset post disaster situations. Besides a there were discussions based on the applications of space information in recent Earthquake and tsunami in Japan and self-assessment of readiness of Geographic Information (including space-based information) to



2nd NIDM- UNSPIDER training workshop: Group photo

support Disaster Management in the States/Country.

The workshop provided the participants regarding the information generated using space-based information and available in public domain which can be used for disaster preparedness planning purpose under various programmes and platforms like International

Space Charter, SENTINEL ASIA, SERVIR Himalaya, Disaster Management Support System of ISRO and so on. The workshop was concluded with the feedback/ recommendation from the participants to continue such workshops on regular basis. Third workshop of this series was planned during 2012 with participation from all the SAARC countries.

Course on Environmental Statistics and Disaster Management

27-28 January 2011

the online component of the course was commenced using the “Global Campus online learning platform GC21” developed by GTZ on 15 Nov. 2010. The ‘face-to-face’ component of the course was organized at NIDM on 27-28 Jan. 2011. Participants discussed in depth regarding the e-learning

modules and the practical applications of the learning. The feedback from the participants was used for revision of the course material for the forthcoming programmes. Besides there were detailed presentations and discussions on the Web Quests (tutorials & assignments) by the participants were

case studies from different parts of India e.g. Earthquake risk assessment using statistical methods for Himachal Pradesh, Flood Risks in Andhra Pradesh, Multi- hazard risks in Orissa were discussed. Planning of new blended learning courses to be developed in the future was also carried out during the workshop.

NIDM-ITC-CEPT Training Workshop on Geoinformatics & Chemical Risk Management

31 January – 4 Feb 2011

NIDM in collaboration with UNU- ITC School for Disaster Geo-information Management, The Netherlands; Faculty of Geomatics and Space Applications, CEPT University and Joint Research Centre (JRC), Italy organized a 5 days training programme on Geoinformatics Applications in Chemical Risk Management during 31st January to 4th February, 2011 at CEPT University, Ahmadabad. The course was aimed at enhancing the knowledge and skills of the participants on the use of geoinformatics tools in Risk

Assessment and Disaster Management Planning pertaining to chemical (industrial) disasters.

23 participants from department of disaster management, factories & boilers/industrial safety, environment and S&T who are working on areas related to chemical disaster management attended the training workshop. The course was



NIDM and ITC team organizing hands on sessions during the training workshop.

Annual Training Conference- 2011

(14-15 February 2011)

The sixth Annual Training Conference (ATC- 2011) of NIDM was held on 14-15 February 2011 to review the training and capacity building activities in the country during 2010-11 and develop the training calendar for 2011-12. The Conference was inaugurated by Shri T. Nand Kumar, Honorable Member of the National Disaster Management Authority. In his inaugural address Shri Kumar highlighted the need for mainstreaming disaster management training across all sectors. Director Generals of Administrative Training Institutes (ATIs) of the State Governments, Representatives of Central Ministries and Departments, State Governments and Heads and senior faculty members

of Disaster Management Centres (DMC) of the ATIs and Faculty Members of the NIDM attended this Conference. The conference offered unique opportunity

to review the progress achieved by the state level Institutes during the financial year 2010-11 and develop an annual calendar of activities for the coming year through a consultative process. The issues discussed during the conference



Applications in

conducted primarily in hands on training mode using open source softwares like CAMEO, ALOHA, MARPLOT, Google Earth etc and was found extremely useful in skill development and practical utilization of the learning at their workplaces. Besides visit to BISAG (Regional Space Application centre) and Space Application Centre Ahmadabad were also organized to enhance learning by demonstrating case studies and practical applications being developed by the organisations.

are: (a) response from the additional DMCs set-up in 11 states, (b) Setting up of 6 Centres of Excellence on specific issues of disaster management, (c) Capacity Development grant on disaster management awarded by the

Finance Commission, (d) Involvement of DMCs in the recently launched GoI- UNDP DRR programme and (e) proposed revised IRS training programme and training of trainers. A flexible and realistic strategy has been worked out for 2011-12 based on the experiences gained and the lessons learnt during the current and previous years.



National Conference on Earthquake Risk Management Strategy in North East

Guwahati, 24-25 Feb. 2011)

NIDM, in collaboration with the National Disaster Management Authority, North Eastern Council and Government of Assam organized a National Workshop on Earthquake Risk Mitigation Strategy in the North East on 24-25 February 2011. The Workshop was inaugurated by Shri Tarun Gogoi, Hon'ble Chief Minister of Assam and attended by experts and high level policy makers from the region. Various problems and challenges of earthquake risk management were discussed during the workshop that recommended and developed a framework of earthquake risk mitigation strategies for the consideration of the concerned authorities at national, provincial and local levels. The key recommendation of the workshop was to define the time frame for implementation of different activities of earthquake risk management plans in short (1-3 years),

medium (1-5 years) and long terms (5 years and beyond) at regional, state and district levels. The short and medium term measures may include activities on earthquake preparedness and response and such other activities of earthquake risk assessment and mitigation as can be completed within five years, such as capacity building, public awareness etc, while long term plans shall include activities of risk assessment and mitigation that have long cost and time overrun. A Draft road map for reducing the risks of earthquake in this highly vulnerable part of the country was developed during the workshop. The preparation and implementation of the plans shall be monitored by the State Governments and the North Eastern Council, while these may be evaluated every second or third year by the National Institute of Disaster Management.

Workshop on Landslide and Related Disaster Management

Gangtok, Sikkim, March 2011

Joint Indo-Japanese International Training cum field workshop in on Landslides and related disasters” held from 8 March to 10, 2011 at Gangtok, in collaboration with National Institute for Land and Infrastructure Management (NILIM) and Public Work Research Institute (PWRI), Japan. Many researchers and officers from State Government of Sikkim attended as well

as from other Institutes of India. A series of cooperation has been conducted in accordance with the Memorandum of Cooperation between NILIM and NIDM signed in 2010, which is also identified as one of the mechanisms referred to the Action Plan to advance security cooperation based on the Joint Declaration on Security Cooperation between India and Japan.

Training programme on Chemical (Industrial) Disaster Management at MDC –SHE

Bhubaneswar, March 2011

NIDM in collaboration with Multi Disciplinary Centre for Safety Health and Environment (The MDC on SHE) organized a five day training programme on Chemical (Industrial) Disaster Management at MDC –SHE Bhubaneswar. MDC on SHE created and sponsored by the Govt. of Orissa registered as an autonomous Institute under provides professional expertise in the field of Safety, Health & Environment, Pollution Control, Technological Disaster Management, Prevention & Management of Chemical Accidents,

Hazardous Substance Management, Bio-Medical Waste Management to all stakeholders including the factories, mines, administration, regulating agencies, NGOs and similar other organizations. Mr. N.K. Sundaray, IAS Managing Director, Orissa State Disaster Management Authority inaugurated the training programme. Seventeen participants from State Disaster Management Authorities, Factories department, district functionaries and Industries participated in the training. The programme was found extremely

beneficial in enhancing the interactions amongst the Disaster Management Authorities at districts and state levels and also the Factories department. The importance of integrating the Disaster Management Plans and Offsite Emergency Management Plans were highlighted during the training programme. Industry visit to IFFCO Paradeep and upcoming IOCL refinery were organized during the training programme. MDC expressed interest in collaborating with NIDM in organizing similar courses in future.

NIDM signs MoU with ISI

The National Institute of Disaster Management New Delhi and the Indian Statistical Institute Kolkata have decided to work together for development of a robust statistical system on hazards, vulnerabilities and risks of disasters in the country. Under this arrangement ISI would assist NIDM in studying the existing statistical system for the collection and analysis of data on natural and manmade hazards and disasters and suggest methods for improving the system. ISI shall further offer their expertise for the development of

suitable methodology for assessing the macro-economic impacts of disasters and cost-benefit analysis of investments on disaster risk reduction. A MoU to this effect was signed by Shri P.G. Dhar Chakrabarti Executive Director of NIDM with Professor Bimal Roy Director of the ISI on 8 March 2011 in New Delhi.



Papers

- ♦ Sinan, A., Alper, A., Aysegul, A., Parkash, S.,... & Emrah, Y. (2011). 8 March 2010 Elazig –Kovancilar (Turkey) Earthquake: Observations on ground motions and building damage. *Seismology Research Letters*, 82 (1), 42-54.
- ♦ Parkash, S. (2011). Initiatives for Disaster Risk Management with particular reference to landslides and avalanches in India. *Proceedings of the National Conference on Landslides hazards – Consequences and Challenges*, Central Building Research Institute, Roorkee, 10-12 February, 2011.
- ♦ Gupta, A.K., & Singh, A. (2011). Traditional Intellect in drought disaster risk mitigation: Indian outlook – Rajasthan and Bundelkhand icons. *Indian Journal of Traditional Knowledge* 10 (1), 156-166.

NIDM in International Forum

Dr. Surya Parkash, Associate Professor, participated in ICL Secretarial meeting of the International Consortium on Landslides (ICL) held at Koyoto, Japan during 28-29 January 2011.

Delegations Visited

Ms. Valerie Amos, Under-Secretary General of the United Nations for Humanitarian Affairs and Emergency Relief Coordinator accompanied by a high level team from the UNOCHA visited the Institute on 29 March 2011. Executive Director NIDM welcomed the high level dignitaries and presented a broad overview of the mandate,

functions and activities of NIDM and also SDMC. A brief demonstration projects of SDMC- South Asia Disaster Knowledge Network and Disaster Vulnerability Atlas of South Asia were made during the interaction. Ms. Amos expressed interest in collaborating with NIDM and SDMC for capacity building initiatives in the region.

Major Activities of NIDM

January – March 2011

- ◆ Application of Geoinformatics in Disaster Management with UNSPIDER, 28-30 March, NIDM
- ◆ Training of Trainers on Community Based Disaster Risk Management, 28 March – 1 April, NIDM
- ◆ Chemical, Biological, Radiological and Nuclear (CBRN) Disasters, 21-25 March, NIDM
- ◆ Risk Resistant Building Codes, 15-18 March, NIDM
- ◆ Joint Indo-Japanese International Training cum field workshop on Landslides and related disasters” from 8th -10th March organized by National Institute of Disaster Management (NIDM), New Delhi in collaboration with NILIM and PWRI, Japan at Gangtok, Sikkim
- ◆ Management of Industrial and Chemical Disasters, 07-11 March, MDC-SHE, Bhubaneswar
- ◆ Drought Mitigation and Management, 7-11 March, NIDM.
- ◆ Integration of DRR in JNNURM, 03-04 March, NIDM
- ◆ Climate Change and Disaster Management, 28 February- 04 March, NIDM
- ◆ Comprehensive Disaster Risk Management, 28 February- 04 March, SIRD, Tamil Nadu
- ◆ Disaster and Disabilities, 21-25 February, NIDM

- ◆ Disaster Management for DMs/ADMs of Multi-hazard Districts, 02-04 February, AIM, Tamil Nadu
- ◆ Application of Geo-informatics in Chemical Disaster Management, CEPT, Ahmadabad 31 Jan - 04 Feb, Ahmadabad
- ◆ Formulation of District Disaster Management Plan, 31 Jan - 04 February, SKIPA, Ranchi.
- ◆ Blended learning on Environmental Statistics for Disaster Risk Management, 27-28 January, NIDM
- ◆ Earthquake Risk Mitigation and Management, 17-21 January, NIDM
- ◆ Cyclone Risk Mitigation and Management, MCRHRD, 17-21 January, Andhra Pradesh
- ◆ International Training Programme on Comprehensive Disaster Risk Management for Officers of African Countries, HIPA, Gurgaon 10-21 January, Haryana.

Online Training Programme with WBI

- ◆ Comprehensive Natural Disaster Risk Management Framework- 10 January - 19 February
- ◆ Safe Cities- 7 February- 4 March
- ◆ Climate Change and Disaster Management 3- 29 January
- ◆ Earthquake Risk Mitigation, 28 February - 26 March

Upcoming Events

(April-June 2011)

Workshops/Conferences

- ◆ International Conference on Environmental Knowledge for Disaster Risk Management at Vigyan Bhavan, New Delhi, During 10-11 May 2011.

Training Programmes

- ◆ Comprehensive Landslide Risk Management, 4-8 April at NIDM
- ◆ Flash Flood Risk Mitigation & Management, 25-29 April at HIPA, Himachal Pradesh
- ◆ Disaster Mass Casualty Management, 25-29 April, BIPARD, Bihar
- ◆ IRS: Basic & Intermediate, 25-27 April at NIDM
- ◆ IRS: Operations Section Chief, 28-29 April at NIDM
- ◆ Basic Course on Disaster, 9-13 May at NIDM
- ◆ Basic Course on Disaster Management for Civil Defence officers, 9-13 May at NIDM
- ◆ Formulation of District Disaster Management Plan, 9-13 May at SIRD Maharashtra
- ◆ Forestry Sector Disaster Management, 16-20 May, Forest Research Institute- Dehradun
- ◆ Mainstreaming Disaster Management, 19-20 May, NIDM
- ◆ Community Based Disaster Risk Management, 23-27 May at DDUSIRD, Uttar Pradesh

- ◆ Flood Disaster Management, 30 May- 3 June, National Water Academy, Pune
- ◆ Gender & Disaster Management, 6-10 June, SIPARD, Tripura
- ◆ Reconstruction and Rehabilitation of Disaster affected Areas, 13-17 June, JKIMPA, Jammu and Kashmir
- ◆ Industrial & Chemical Disasters, 13-17 June, ATI-Mysore, Karnataka
- ◆ Basic Course on Disaster Management for NDRF Commanders, 20-24 June, NIDM
- ◆ Damage and Loss Assessment, DMMC –Dehradun, Uttarakhand
- ◆ Comprehensive Landslide Risk Management, 27 June -1 July, NIDM

Online Training Programme with WBI

- ◆ Comprehensive Disaster Risk Management Framework, April 25, 2011-May 27
- ◆ Comprehensive Disaster Risk Management Framework, May 31, 2011- 9 July
- ◆ Community Based Disaster Risk Management, 15 May – 10 June
- ◆ Climate Change and Disaster Management, 19 June – 15 July

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



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