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Contribute

Interested in getting involved
and sharing your stories
to SDMC(IU).

Contact SDMC Team at
pm-ro1@saarc-sdmc.org



Director's Message

Dear Readers,

Our region is experiencing consistent increase in occurrence of number of hazards every year. Further, SAARC countries and communities are striving hard to reduce the impacts of the respective disaster risk by adopting local disaster risk reduction strategies.

With the advent of new technologies, the region is also strengthening its Multi Hazard Early Warning Mechanisms and is determined to develop end-to-end disaster risk management systems.

The SDMC (IU) is serving Member States by providing a platform for policy advice, technical support for holistic management of disaster risk in the SAARC region. This edition of SDMC newsletter aims to share information about various DRR activities of Member States so as to facilitate learnings across the members and region.

P K Taneja

Director, SDMC (IU)

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SDMC(IU) conducts Consultation Workshop on Disaster Risk Reduction for SAARC Member States



Since the adoption of the Sendai Framework for Disaster Risk Reduction in 2015, countries and regions around the world are undertaking preparatory steps for its implementation. The Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) held in New Delhi, India in November 2016, brought together more than 50 countries and adopted the Asia Regional Plan which sets biennial milestones at the regional level for the implementation of the Sendai Framework.

With a view to share and understand the activities & best practices being undertaken in the Member States in Disaster Risk Reduction (DRR) and to assess the needs of the member states to draw a strategy for monitoring and implementation of SFDRR, SDMC (IU) organized a workshop during 26 – 27 April 2018 in Gandhidham, Kutch, Gujarat – India.

The event brought together 24 officials from SAARC Member States representing key institutions and experts from eminent agencies like United Nations office for Disaster Risk Reduction (UNISDR); Asian Disaster Preparedness Centre (ADPC); SAARC Secretariat, BIMSTEC Secretariat, National Remote Sensing Centre (NRSC), India Meteorological Department (IMD) contributed in the workshop.

Annual Event Calendar of SDMC(IU) 2018-19

Workshop on Disaster Risk Reduction in SAARC Region

26 – 27 April, 2018

Training Program on Care, Protection and Participation of Children in Disasters

04 - 07 Sept, 2018

Training Course on Hospital Emergency Preparedness and Response

23 - 26 Oct, 2018

Regional Workshop and Capacity Building Program for Utilization of Space Based and Geo Spatial Information for Assessing and Achieving the targets of the Sendai Framework

04 – 08 Dec, 2018

Celebration of SAARC Charter Day

08 Dec, 2018

Training Program on Rapid Assessment for Resilient Recovery (RARR)

29 – 01 Feb, 2018

Training Program on Industrial (Chemical) Disaster Management

18 – 22 March, 2018

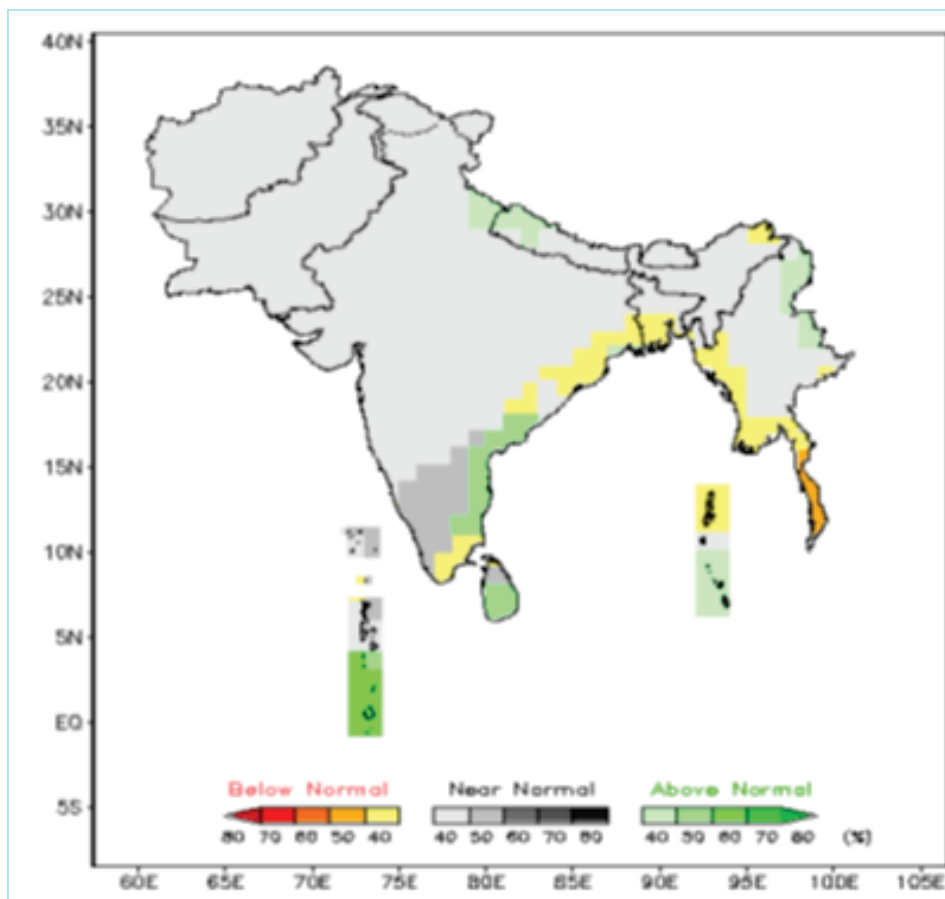


SASCOF releases consensus outlook for October – December, 2018

Consensus Statement on the Forecast for the 2018 October to December (OND) Season Rainfall and Temperatures over South Asia was issued in 13th Session of the South Asian Climate Outlook Forum (SASCOF-13) during 26-28 September 2018, at Colombo, Sri Lanka.

Summary of Consensus forecast is as follows:

- Some parts of southeast Peninsular India, most parts of Sri Lanka, Southern parts of Maldives and some areas of northeastern part of the South Asia region are likely to receive above normal rainfall during the 2018 OND season.
- Below normal is most likely over southeastern part of the region, along the coastal areas adjacent to the north Bay of Bengal and southeastern most areas of Peninsular India.
- Normal rainfall is most likely over remaining areas of the region including northwest and central areas that generally receive very little rain during the season.
- Normal to slightly above normal temperatures are likely during the 2018 OND season over most parts of the region.



NDMA, India focuses on Training Community Volunteers through ‘Aapda Mitra’

The NDMA, India has approved a centrally sponsored scheme in June, 2016 that is focused on training 6000 community volunteers in disaster response in 30 most flood prone districts (200 volunteers per district) of 25 States of India. The duration of implementation of the scheme is 24

months. The said scheme aims to provide the community volunteers with the skills that they would need to respond to their community's immediate needs in the aftermath of a disaster thereby enabling them to undertake basic relief and rescue tasks during emergency situations such as floods, flash floods and urban flooding.

Under the scheme, MoU has been signed with all the 25 project States (Assam, Andhra Pradesh, Arunachal Pradesh, Bihar, Delhi, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Karnataka, Kerala, Madhya Pradesh, Mizoram, Maharashtra, Manipur, Meghalaya, Nagaland, Odisha, Punjab, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal, Uttarakhand,

Sikkim). The first instalment of funds has been released between February May, 2017 to all Project States.

NDMA has sent all the related programme documents like standard criteria for selection of community volunteers and empanelment of training institutions and training modules etc. for initiation of implementation of the scheme at the district level. Most of the States/UT have initiated the implementation of the scheme as per Scheme Guidelines. List of selected

community volunteers from 25 project States have been received and a total number of 2815 community volunteers have been trained by 20 Project NDMA is also in process to upscale this scheme to more flood prone districts of States.

Disaster Risk Reduction Initiatives in India

Establishment of GID Server and Creation of Geo- Database in NDMA

With the objective of developing the integrated Geodatabase system specific to disaster management to help decision makers, the GIS project named Establishment of GIS Server and creation of Geo-Database in NDMA has been initiated in NDMA in the year 2016. The project aimed at developing a standardized spatial database, data layers, maps and a Web based GIS solutions to help decisions makers to make informed decisions regarding mitigation measures to protect the people at large. The Project envisaged establishment of a GIS lab within NDMA equipped with necessary hardware and software to start working with several layers and maintain database for disaster management.

Basic Training on CBRN for Airport Emergency Handlers

NDMA has initiated a Basic Training Programme on CBRN Emergency Management for the Airport Emergency Handlers (AEHs) in 12 selected airports in collaboration with INMAS and AAI after incidents of radiological scare in IGI Airport Cargo Section, Delhi.

The AEHs will include members from the airport personnel i.e. CISF / CRPF Police airliners, cargo handlers. DDMA etc.

Earthquake Disaster Risk index (EDRI)

NDMA has taken an initiative to develop Earthquake Disaster Risk Index (EDRI). As first attempt it is proposed to evaluate EDRI by developing an appropriate model suitable for India and implement the same in 50 cities and one district lying in earthquake zone V, IV.

Mobile Radiation Detection Scheme (MRDS)

A pilot project empowering police personnel on management of radiological emergencies in public domain has been initiated by NDMA.

Incidents arising due to orphan sources transport incidents involving radioisotopes malicious acts involving

RDD etc. can be effectively managed by utilizing the system.

This will also be served as deterrent against any trafficking of radioactive materials. The project involves equipping the police patrol vehicles with Go-No-Go radiation measuring instruments and safety kits and training of the police personnel.

National Workshop on Disaster Database

National Disaster Management Authority (NDMA) in collaboration with United Nations International Children's Emergency Fund (UNICEF), United Nations Development Programme (UNDP) and United Nations International Strategy for Disaster Risk Reduction (UNISDR) conducted a two-day national workshop on disaster database on 02 – 03 May, 2018. The purpose of the workshop was to develop consensus on disasters, threshold and develop standardised template for data collection, updation, validation to ensure accuracy and quality.

Officials from NDMA and representatives of concerned Central Ministries and Departments, State Governments, UN agencies, Administrative Training Institutes (ATIs), Disaster Management Institutes and Universities participated in the workshop. During the Workshop five technical sessions, Group Presentations and Discussions, Panel discussion on setting up baseline data for damage and loss estimation using 2005-2015 dataset, Discussion on Formation of a "Steering Group for DMIS" and Way forward were held. Issues such as interoperability and security of the data was also discussed.

It was decided to form a Steering Group to oversee the setting up of the database, and guiding trainings and capacity building for operating, maintaining, updating and using the database. The Group will also identify pilot States and draw a road map for implementation of the project.

Creation / Revision of Building Codes

NDMA regularly pursued the matter regarding early and regular revision of existing seismic engineering standards & codes and early preparation of standards & codes on new areas of seismic engineering with Bureau of Indian Standards (BIS).

Development of Simplified Guidelines/Manual for Earthquake Resistant Built Environment

NDMA in partnership with BIS is developing simplified guidelines based upon BIS codes and NBC-2016 explaining the basic requirement of earthquake resistant constructions in the interest of common man and public as a whole with a timeline of March, 2019.

Sustainable Reduction in Disaster Risk in 10 Multi-Hazard prone districts

The project aims to strengthen community and local self-Government's preparedness and response in 10 most multi-hazard vulnerable districts, 2 each in 5 identified States (Assam, Himachal Pradesh, Jammu & Kashmir, Uttarakhand) The first instalment of fund is to the tune of Rs. 39,63,200/- (40% of the total project cost) has been released to the five project States during the period from September December, 2016. The second installment of Rs 29.72.400/- (30% of the sanction amount) has been released to State of Uttarakhand, Himachal and Jammu & Kashmir. Third instalment has also been released to State of Uttarakhand during the month of September, 2018. The project has now been extended upto March, 2019

National School Safety Programme (NSSP)

The National School Safety Programme (NSSP) a Centrally Sponsored Demonstrative Project of the GoI, with a total budget outlay of Rs.48.47 crores, is being implemented by NDMA in partnership with the State/UT Governments. 2019.

The project is covering 200 schools in each of the selected 43 districts (a total of 8600 schools) spread over 22 States/UTs of the country falling in seismic zones IV & V with the aim to sensitize children and the school community on disaster preparedness and safety measures. The project has now been extended by Ministry of Home Affairs up to 31st March

Development of Resource Materials on Earthquake Engineering

NDMA in consultation with various stakeholders found that earthquake resistant design and construction practices are not generally part of course curriculum of undergraduate courses in Civil engineering and Architecture. To avoid inadequate formal education in earthquake engineering during the undergraduate studies, NDMA has taken an initiative to prepare course curriculum for undergraduate courses in the disciplines of Civil engineering and Architecture with the objectives of: Developing Resource Material for Civil Engineering students NDMA has initiated to develop resource material to inculcate earthquake engineering principle among Civil Engineering Students and professionals on following subjects:

- Introduction to Earthquakes, Earthquake Structural Dynamics,
- Earthquake Resistant Design,
- Earthquake Geotechnical Engineering,
- Earthquake Design of RC Structures,
- Earthquake Design of Steel Structures,
- Earthquake Design of Masonry Structures,
- Earthquake Design of Non-Structural Elements,
- Earthquake Structural Configuration, Design Studio-Earthquake Structural Configuration.
- Earthquake Design of RC and Steel Structures and Design Studio-Earthquake Design of RC and Steel Structures.

The main aim of developing the resource material is to improve availability, accessibility and affordability of the books of basic concepts in earthquake engineering, so as to ensure seismic safety of built environment. The development of these books will fill the gap of non-availability of essential resource material for earthquake engineering.

**Information shared by
National Disaster Management
Authority, India.**

**For more details, log in to
www.ndma.gov.in**

Very Severe Cyclonic Storm 'TITLI' Hits Eastern India

The Very Severe Cyclonic Storm "TITLI" made landfall at 0430AM on 11th October 2018 between north Andhra Pradesh and south Odisha coast near Palasa of Srikakulam District (AP) with a maximum sustained surface wind speed of 140-150 kmph gusting to 165 kmph during landfall. Gopalpur, Odisha reported 102 kmph surface wind speed at 05.30 AM on 11th October. After passing through coast the storm entered into the Gajapati district which is about 18km from the coastline. It continued in its path for 5 hours in Gajapati district maintaining about 130-140 kmph and gradually weakened in to Severe Cyclonic storm.

The cyclone recurved its path between Rayagada & Kandhamal district and passed through Nayagarh, Cuttack, Dhenkanal, Jajpur, Bhadrak, Balasore and Mayurbhanj districts of Odisha and entered into the Gangetic West Bengal on 13.10.2018.

The coastal and adjoining districts of the state experienced high wind and very to very heavy rainfall during period 10th to 13th October, 2018 under the influence of the cyclone.

Due to heavy rainfall from 10th to 13th October 2018, Rusikulya, Vansadhara, Baitarani, Budhabalanga and Jalaka rivers witnessed flood situations.

The torrential downpour in the upper catchment of Rushikulya River caused heavy flood situations in the many blocks of Ganjam district. Landslides also occurred in Gajapati, Ganjam and Kandhamal districts.

Massive and unprecedented damage has been caused to public properties like canal/ river embankments, roads, bridges, culverts, drains, water supply, tube wells, electrical installations, telecommunications infrastructure, Government buildings etc. The disaster also affected. of agricultural crop area.

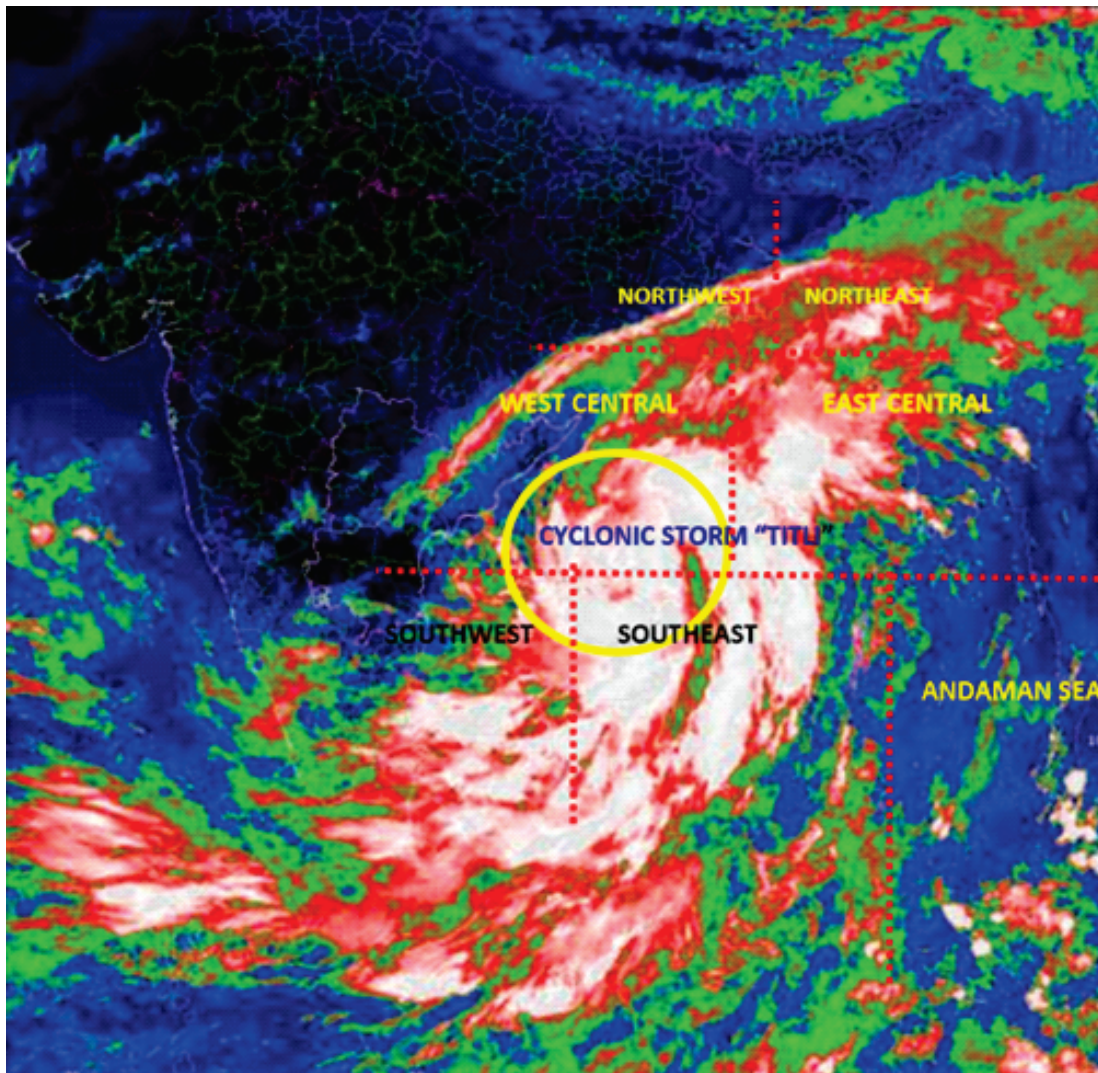


Image Source: India Meteorological Department

Disaster Risk Reduction Initiatives in Pakistan

Building Disaster Resilience in Pakistan (BDRP) Steering Committee

The United Kingdom Department for International Development (DFID) in collaboration with NDMA is providing support to strengthen resilience to disasters at community and institutional levels in line with the Government of Pakistan's National Disaster Management Plan (NDMP, 2012-2022). The Building Disaster Resilience in Pakistan (BDRP) Programme will run for six years from 2016 to 2021 and will be directly supporting the implementation of Pakistan's National Disaster Risk Reduction Policy (2012) and NDMP. The BDRP Programme would contribute towards the achievement of the overall goal and outcome of the Sendai Framework for Disaster Risk Reduction (SFDRR) and NDMP.

The goal of BDRP is to increase Pakistan's capability to reduce disaster risk, through better planning, preparedness, response, and resource allocation at the governmental and community levels. BDRP will work through two main delivery areas: -

- (a) Community Based Disaster Risk Management (CBDRM).
- (b) Capacity building of disaster management bodies at the federal, provincial and district levels.

Preparing Women for Leadership Roles in Humanitarian Response

NDMA supported the first response training conducted by Oxfam, Pakistan targeted to build capacity of women humanitarian responders to take leadership roles and improve the disaster response preparedness of mid management level women professionals working in National/ Local NGOs and Local Government departments across Pakistan.

24 x participants from across Pakistan were identified and nominated through NHN and NDMA. The training / simulation was held in Kanpur, in the outskirts of Islamabad from 5 - 9 March 2018.

Implementation of Pakistan School Safety Framework (PSSF) in ICT

- (1) Pakistan School Safety Framework was developed after a series of National level consultative meetings with Government and private sector stakeholders. The findings & reports of PSSF was finally presented on 28 March 2017 in a conference held at Islamabad which was attended by all stakeholders. PSSF pilot project report developed, designed and sent to key ministries, secretaries, advisor to the PM, DGs, PDMA's, SDMA's, heads of schools, stakeholders and other relevant departments for information.
- (2) Development of PSSF Document and Training Toolkit in English & Urdu version (Teacher's Guide, Trainer's Guide, Evaluator's Guide, Evaluator's Handbook) for implementation of PSSF in 500x Schools of Islamabad in two phases were finalized and printed.
- (3) Training of School Master Trainers (ToT Core Group) 1st Batch was conducted for ICT Scale up in ICT, in which 30 x participants from across Pakistan were trained on the Pakistan School Safety Framework (PSSF) and Training Modules. Training for 2nd batch of teachers for ICT Scale up is in planning phase (training material has been shared with Federal Directorate of Education (FDE)).
- (4) Provincial Teachers' Consultative Workshop was conducted in Quetta, Balochistan on Gender Based Violence (GBV) and Mental Health under PSSF. 31x participants were trained from Balochistan.
- (5) To implement PSSF in the Khyber Pakhtunkhwa, a meeting was conducted with PDMA KP for way forward of implementation of PSSF.

5th Meeting of National Disaster Management Commission (NDMC)

The 5th meeting of the NDMC was held under the Chairmanship of the Prime Minister of Pakistan on 28 March 2018 at Prime Minister's Office. Chairman NDMA (Secretary NDMC) presented the Agenda Points in a presentation to give detailed account of each items for consideration and decisions by the commission.

Major decision taken during the meeting were:

- Ratification of Relief / Aid Provided to the Friendly Countries.
- Ratification of Policy Guidelines.
- Approval of Pakistan School Safety Framework (PSSF).
- Proposed Revision in NDMA Act 2010.
- Capacity Enhancement of NDMA.
- Raising of National Disaster Response Force (NDRF).
- Approval of Dedicated Aviation Assets for NDMA.
- Construction of NDM Complex.

NDMA plans Consolidation of Disaster Management Legislation

With the approval of the Prime Minister during the 5th NDMC Meeting, NDMA is working on consolidation of disaster management legislations. Legislations to be consolidated includes; Civil Defence Act (1952), Calamity Act (1958), NDMA Act (2010) and ERR Act (2011).

A Constitutional Law Firm has been hired for development/ consolidation of all disaster management legislation into a comprehensive National Disaster Management Act. The first draft after due approval of authority has been sent to Ministry of Law for legislative review.

**Information Shared by
National Disaster Management Authority,
Pakistan.**

**For more details, log in to
www.ndma.gov.pk**

Glimpses of SDMC Activities





**SAARC Disaster
Management
Centre (IU)**

SAARC Disaster Management Centre (IU)
Gujarat Institute of Disaster Management Campus, Gandhinagar, Gujarat, India
Ph.: +91 79 23275804 | Email: director@saarc-sdma.org