

PROVINCIAL DISASTER MANAGEMENT AUTHORITY SINDH

ANNUAL REPORT 2021

As per Section 41(2) of NDMA Act 2010 which says, “The Provincial Authority and District Authority shall prepare once every year, in such form and at such time as may be prescribed by rules, an annual report giving a true and full account of its activities during the previous year and copies thereof shall be forwarded to the Provincial Government which shall lay it before the Provincial Assembly”. An Annual Report for Year 2020-21 providing glimpses of some of the important activities carried out by PDMA Sindh have been prepared.

1. COVID-19 PANDEMIC - 2020

Covid-19 remained the most challenging task in 2020-21. PDMA Sindh during this crisis played an active role in supporting Government of Sindh for saving the precious lives of people of Sindh. PDMA extended utmost possible support to Health Department by providing following essential items for establishment of Quarantine centers and to fulfil needs of these facilities:

| | |
|---|-----------|
| ○ ICU Ventilators | 268 |
| ○ ICU Beds | 200 |
| ○ Mobile X-Ray Unit | 15 |
| ○ Fully Automated Real Time PCR Systems | 01 |
| ○ PCR Machines | 03 |
| ○ Covid 19 testing Machines | 06 |
| ○ Diagnostic Kits | 12,000 |
| ○ BGA Test Kits | 150,000 |
| ○ Cov2 Testing Kits | 85,000 |
| ○ Surgical masks | 1,100,000 |
| ○ Folding Beds | 19,000 |
| ○ Bed Sheets | 50,000 |
| ○ Pillows | 1000 |
| ○ Woolen Mattress | 19,000 |
| ○ Generator(200KVA & 50KVA) | 02 |

(Further detailed reports are available at www.pdma.gos.pk)

In addition to this, PDMA provided other Personal Protection Equipment for Health Workers as well as warehousing and transport facility for Covid -19 related items provided by NDMA, local and International Humanitarian partners. Few of the activities can be seen here:

Meeting Chaired by Minister for Rehabilitation at Head Office Karachi:

The Minister for Rehabilitation holding the meeting of PDMA Sindh to review the efforts taken by Authority with respect to provision of supplies for Covid-19.



Meeting with Poverty Eradication Initiative (PEI) at Karachi HEAD OFFICE:

A meeting was held with poverty Eradication Initiative (PEI) where they appreciated the activities carried out by PDMA and agreed to provide the assistance in terms of relief items of PDMA.



Meeting with Rep: of Muslim Hands Karachi:

The Representative of Muslim Hands providing 1000 preventive kits to PDMA Sindh.



Community Emergency Response Teams (CERT) of PDMA Sindh engaged in COVID-19 awareness



The Community Emergency Response Teams were stationed at various points of Karachi to assist District Administration with the Task to engage Community and sensitize them on Covid-19. These teams worked tirelessly to bring awareness among the locals.

2. MONSOON 2020:

Monsoon in year 2020 was another challenge for the Government which was already massively engaged in Pandemic. This year Monsoon brought Urban Flooding in Karachi, Flash Flooding in Dadu and Heavy Rains in various Districts of Sindh affecting huge livelihood across the Province. During this PDMA assisted District Disaster Management Authorities by providing rescue and relief items which are as follows but not limited to:

| | |
|--|---------|
| ○ Tents | 90,000 |
| ○ Ration bags | 192,527 |
| ○ Dewatering Machines | 275 |
| ○ Mosquito Nets | 204,100 |
| ○ Rescue Boats with OBMs | 26 |
| ○ Animal Mosquito Nets | 57,000 |
| ○ Vehicle Mounted Dewatering Pumps in Karachi Division | |

(Further detailed reports are available at www.pdma.gos.pk)

Some of the activities during the Monsoon are as under:

Meeting with Country Director, UN-World Food Program Chris Kaye:

The Country Director UN- World Food Program Chris Kaye called on DG PDMA Sindh at his office to discuss Ongoing Relief Operations in Monsoon and assured for their support and assistance. The DG PDMA thanked WFP for their support in Relief operations and Provision of Ration Bags for the affectees



Meeting with Dr Faisal Hashmi, Head of Govt affairs/ Director Human Resource Coca Cola (Pakistan & Afghanistan region):

Dr Faisal Hashmi, Head of Govt affairs/ Director Human Resource Coca Cola (Pakistan & Afghanistan region), called on DG PDMA Sindh Syed Salman Shah at his office and handed over 2000 ration bags for the victims of torrential rains and flood. DG PDMA Sindh Syed Salman Shah thanked Mr Hashmi for the support in hard times and assured him about the transparent distribution of rations amongst affectees.



Mr. Michel Saad, Deputy Head of Regional office for Asia & Pacific UNOCHA

Mr. Michel Saad, Deputy Head of Regional office for Asia & Pacific UNOCHA called on DG PDMA Sindh Syed Salman Shah. During meeting matters related to recent torrential rains and plans for intervention by UN for Rain affected were discussed.



3. NATIONAL RESILIENCE DAY

Pakistan witnessed massive earthquake on 8th October 2005. In order to commemorate the massive disaster, Government of Pakistan has notified 08th October as "National Resilience Day" and is celebrated across the Country.

Subsequently, as per past practice, the day was celebrated at CBC Park Sea View. In this event, the NGOs involved in Disaster Management were also engaged and people from different segments were invited to provide them with knowledge on Disaster Preparedness and to remember & pray for the Victims and express solidarity with their families.



4. PROVINCIAL CONSULTATIVE SESSION FOR SINDH ON SENDAI FRAMEWORK FOR DISASTER RISK REDUCTION 2015-2030.

Provincial Consultative Session for Sindh on Sendai Framework for Disaster Risk Reduction 2015-2030 was organized by NDMA in collaboration with PDMA Sindh on 29th June 2021. The Session was organized to give insight to the Government people on its priorities and its scope. It was once again reiterated that Disaster Risk Reduction needs to be integral part of Planning and Development, only then we can reduce the impacts of Disasters in Pakistan.



5. COMMUNITY VOLUNTEERS AS FIRST RESPONDERS TRAINED BY SINDH RESILIENCE PROJECT - PDMA SINDH

In order to strengthen communities to act as immediate preliminary responders to disasters, PDMA Sindh through World Bank funded Sindh Resilience Project has trained community volunteers to act as first responders. In order to equip trained community volunteers of various UCs in Karachi, rescue kits were provided to them with the purpose to utilize them during emergencies. The volunteers trained were nominated by District Administrations so as to strengthen the District Administration by providing them skilled people who can be of great help during any Disaster.



6. MINISTER FOR HOME DEPARTMENT AND PDMA, BALOCHISTAN VISITED PDMA SINDH

The Minister for Home Department and PDMA, Balochistan Government visited PDMA Sindh and was briefed on the overall working and Projects being carried out by PDMA Sindh. The Hon' Minister appreciated the efforts taken so far by the Department and wished success in future endeavors. He further shared his valuable experience with respect to working of PDMA Balochistan and assured that they are always available for support or assistance.



7. PDMA SINDH IN RELIEF OPERATIONS OF COLLAPSED BUILDING AT KORANGI, KARACHI

On 10th September 2020 a residential building collapsed at Korangi, Karachi. A team of PDMA Sindh led by Assistant Director (Operations) rushed to the scene and engaged immediately for the recovery of survivors. PDMA Sindh continued its operations throughout the day and night time.



8. TSUNAMI AWARENESS/EARLY WARNING SYSTEM

PDMA Sindh with assistance of NDRMF is in process of establishing Tsunami Awareness / Early Warning System for the Coastal Areas of the Province. In this regard, PDMA Sindh organized a consultative meeting of stakeholders on Tsunami Awareness Project at PDMA HQ Karachi on 27th of October 2020. Representatives of UNDP, Pakistan Meteorological Department, NED University & Pakistan Red Crescent Society participated in the meeting and presented ideas and methodology of establishing an effective Tsunami Awareness mechanism.



9. CYCLONE IN ARABIAN SEA

Minister Rehabilitation Department Sindh Mr. Faraz Dero chaired an important meeting at PDMA-HQ Karachi to review the preparations for Cyclone in Arabian Sea. DG PDMA Sindh Mr. Syed Salman Shah, representatives of Pakistan Army & Pakistan Navy and officers of PDMA attended the meeting. Emergency control room at PDMA Sindh HQ Karachi was activated and staff was deployed round the clock to monitor the situation, coordinate with Pakistan Meteorological Department and provide immediate assistance of relief items to

vulnerable Districts/DDMAs as & when required. Emergency was declared at PDMA Sindh and leave of all staff were called off.



10. BUILDING CODES AWARENESS

In order to minimize the losses due to building collapses, it was mandatory to follow the prescribed building codes of the Government. In this regard, on 13th of November 2020, a consultative meeting with line departments on Building Code awareness as a preemptive measure for conceptualization before initiating the trainings on Building Code awareness throughout the Province was held.

A large number of participants from various Cantonment Boards, SBICA, ABAD and PDMA Sindh attended the meeting and presented their ideas/ concepts as a way forward for conducting the trainings.

11. TRAINING ON DISASTER RISK MANAGEMENT HELD AT KARACHI FROM 26TH - 28TH OCTOBER 2020.

PDMA Sindh through World Bank funded Sindh Resilience Project organized a 03 days training session from 26 to 28 October at Karachi for Senior Government Officers on Disaster Risk Management by Asian Institute of Technology Thailand. A large number of participants from various Departments including Sindh Police, Pakistan Navy, Irrigation Department, Education Department, Social Welfare Department, SUPARCO, Coastal Development Authority, Pakistan Met Department & Local Govt Department attended the training session. On concluding day Secretary Rehabilitation

Department, Riaz Hussain Soomro attended the event as Chief Guest and distributed certificates amongst participants.



12. DEVELOPMENT SCHEMES:

- i) Sindh Resilience Project (Rs. 253 Million),
- ii) Establishment of Regional Offices of PDMA(Rs.353 Million) - Under the scheme divisional offices at Mirpurkhas, Larkana and Shaheed Benazirabad are being constructed. Revised PC-1 has been submitted to P&D Department for approval.
- iii) Mobile Healthcare Units (Rs.1640 Million)

iv) Strengthening Tsunami and Earthquake Preparedness in Coastal Area of Sindh province (Rs.54 Million). - Request for Proposal is received, for which the evaluation process is under progress.

Key Points on Scheme “Installation of Tsunami Early Warning System”

Tsunami the wrath of series of waves have the potential to create large scale multi-definitional short- and long-term damages. Recent tsunamis in Indonesia and Japan which caused havoc were eye opening for rest of the world specially for coastal countries. Though, historical evidence for tsunami along the shores of the Arabian Sea is rare and in cases contradicting, still Makran Subduction Zone (MSZ) near Balochistan coast has the potential to generate large tsunami in the region, as it happened after 8.6 magnitude earthquake of November 1945 which generated tsunami in the region. Record of the event suggest that majority of fatalities happened in villages along or near tidal creeks specially in Indus Delta. Cyclones and tsunami are key hazards to coastal belt of Sindh. Small fisherman villages and towns are scattered along the coast of Sindh and many of them still lack basic communication infrastructure. These villages and towns are extremely vulnerable to coastal hazards when personal notification is the only way of evacuation warnings. Most of these villages do not have landlines, electricity, roads, and mobile phone networks, etc. Karachi is prone to high intensity Tsunami- genic earthquakes and Cyclone threat.

The Province of Sindh consists of approximately 250 Kilometers Coastal Belt thus has a threat of near-field Tsunami from Makran Subduction Zone.

In this context, PDMA Sindh initiated an scheme under National Disaster Risk Management Fund(NDRMF) Programme namely “Installation of Tsunami Early Warning System”.

The purpose of the scheme is to install Tsunami Early Warning System on Coastal Belt of Sindh Province at suitable places in coastal areas of Karachi, Thatta, Sujawal and Badin.

Under the scheme feasibility study is being carried out for Hazard Assessment, Risk assessment and mapping, Zonation (low, medium, high) of

coastal belt and taking detailed historical account followed by identification of most suitable sites for installation of Tsunami & Cyclone Early Warning System in terms of maximum services to the most vulnerable communities.