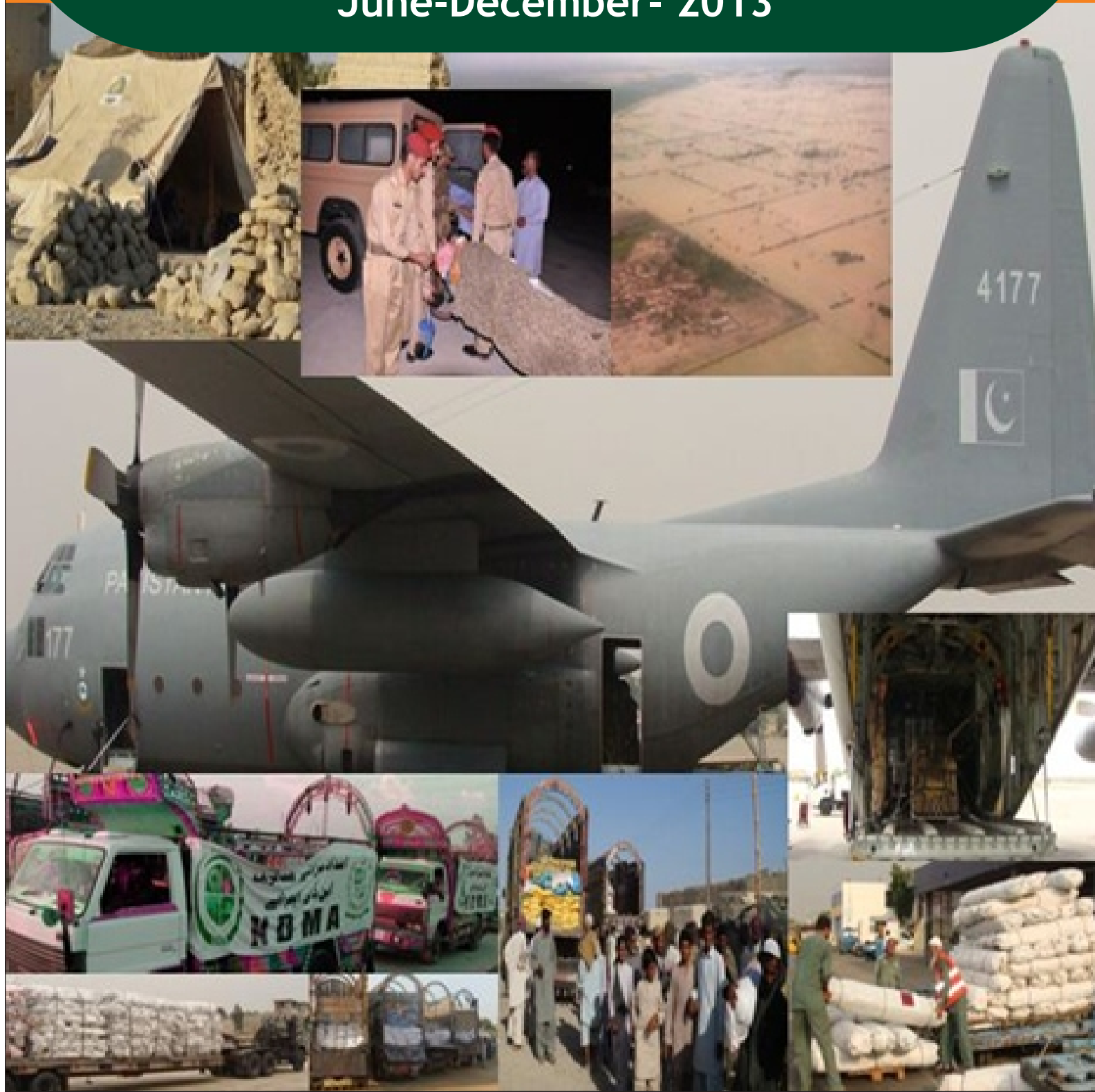




# RESILIENCE



June-December- 2013



## Media Cell

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## ACRONYMS

AJ&K	Azad Jammu & Kashmir	NIDM	National Institute of Disaster Management
CBDRM	Community Based Disaster Risk Management	NLC	National Logistics Cell
CBM	Confidence Building Measure	PDMA	Provincial Disaster Management Authority
CCCM	Camp Coordination and Camp Management	PRCS	Pakistan Red Crescent Society
CDPM	Centre for Disaster Preparedness and Management	PMD	Pakistan Metrological Department
COD	Central Ordnance Depot	PNCA	Pakistan National Council of the Arts
CMT& SD	Central Mechanical Transport & Stored Depot	RCC	Reinforced Concrete Construction
DM	Disaster Management	SDMA	State Disaster Management Authority
DMA	Disaster Management Authorities	SOP	Standard Operating Procedure
DMIS	Disaster Management Information System	SUPARCO	Space and Upper Atmosphere Research Commission
DDMA	District Disaster Management Authority	UN	United Nations
DCO	District Coordination Officers	UNDP	United Nations Development Program
DRM	Disaster Risk Management	UNESCO	United Nations Educational Scientific & Educational Organisation
DRR	Disaster Risk Reduction	UN OCHA	United Nations Office of Coordination Humanitarian Assistance
ERC	Emergency Relief Cell	USAR	Urban Search & Rescue
ERRA	Earthquake Reconstruction & Rehabilitation Authority	WAPDA	Water and Power Development Authority
EWS	Early Warning System	WFP	World Food Program
FC	Frontier Corps	WB	World Bank
FDMA	FATA Disaster Management Authority		
FFC	Federal Flood Commission		
GB	Gilgit Baltistan		
GCC	Gender & Child Cell		
GLOF	Glacier Lake Outburst Flood		
GOC	General Officer Commanding		
GSP	Geological Survey of Pakistan		
GBDMA	Gilgit Baltistan Disaster Management Authority		
HFA	Hyogo Framework for Action		
HOA	Heart of Asia		
HRF	Humanitarian Response Facility		
IIS	Intranet Information System		
ICT	Islamabad Capital Territory		
IFRC	International Federation of Red Cross		
KKH	Karakorum Highway		
KP	Khyber Pakhtunkhwa		
MIRA	Multi Sector Initial Rapid Assessment		
NADRA	National Database and Registration Authority		
NDMA	National Disaster Management Authority		
NWG	National Working Group		
NGO	Non-Governmental Organization		
NDM	National Disaster Management		
NDMC	National Disaster Management Commission		
NEOC	National Emergency Operations Center		
NESPAK	National Engineering Services Pakistan		
NHA	National Highway Authority		
NHEPRN	National Health Emergency Preparedness and Response Network		



## CHAIRMAN'S MESSAGE



**Patron in Chief**  
Chairman NDMA

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It gives me immense pleasure to share present issue of the 'Resilience' which has been prepared to highlight important events, news and activities during the recent months. The issue also presents a rundown of major initiatives for preparedness to early warnings, rescue, relief and response during monsoon season-2013 and the earthquake in Balochistan on 24<sup>th</sup> September, 2013. It is indeed our mission to advance national preparedness by improving and increasing the nation's resilience to natural and man-made threats. Keeping in view the changing climatic condition and frequent recurrence of

unpredictable and extreme events, NDMA is proactively working at reducing the vulnerability to disasters, and also strengthening coping mechanisms. The disaster management system in Pakistan has come a long way in the recent years with formulation of National Disaster Risk Reduction Policy and National Disaster Management Plan but still a lot more has to be done to implement these policies and plans in true letter and spirit. We have also made considerable progress in mainstreaming disaster risk reduction in the development processes, which will undoubtedly lead to greater national resilience against potential disasters.

Our endeavours for resilience are consistent with our objectives and the well thought-out roadmap for the future in the shape of a comprehensive ten years National Disaster Management Plan. I appreciate the proactive role of all relevant stakeholders including disaster management bodies, line departments, donors and development partners, civil society and humanitarian community for contributing towards strengthening of disaster management system in Pakistan and ultimately enhancing the capacity of communities to cope with the emerging threats. Finally, let me acknowledge the hard work and commitment of NDMA's officers and staff, who have been working tirelessly towards achievement of these noble goals and ideals.

Major General Muhammad Saeed Aleem,  
Chairman,





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**SECTION-I MONSOON- 2013**

**NATIONAL CONTINGENCY PLAN- 2013: PREPARING FOR RESILIENCE**

Floods have been more frequent and damaging with substantial negative impact on our economy. In order to reduce flood risks by reviewing preparedness efforts, National Monsoon Contingency Plan-2013 was undertaken in consultation with all key stakeholders at national as well as provincial levels. Based upon the lessons learnt and experiences the contingency planning processes and activities have witnessed a positive transformation. The reformation and refinement have been brought into the process of contingency planning by adopting a bottom up approach where district level authorities are encouraged via the provincial governments, to undertake respective hazard in their area and risk assessments, identify needs, plan effective deployment of available resources, prepare their own contingency plans for the likely and worst case scenarios, which are realistic, practicable and responsive to the needs of local population.



For the National Contingency Plan- 2013, NDMA initiated consultations for preparedness and contingency planning at all provincial / regional levels by suggesting the outline for contingency plans to various partners. Meanwhile, the respective PDMA/ regional DMAs steered and facilitated the process at district level wherein the district level plans were formulated by DDMA and assimilated into the provincial/ regional plans. These provincial/ regional plans were further collated into the National Contingency plan for monsoon 2013. NDMA remained engaged with the provincial governments to review and further refine their preparedness and contingency plans. Besides analyzing the veracity of various scenarios the plan also highlighted broad triggers for action, coordination mechanisms, stock levels and financial requirement for reliefs, roles and responsibilities of various stakeholders and national capacities.

**LOGISTICS SUPPORT PLAN**

**(Monsoon Preparedness & Contingency Planning -2013)**

NDMA logistics support plan was prepared in close coordination with Response and Admin Sections. The plan mainly involved the working / calculation to determine the case load and needs and provision of critical relief stocks (tents, mosquito nets, blankets, food packs, water purification plants and tablets) etc including their carriage facilities / transportation and the overall financial impacts of each.

**Standardization of NDMA Food Packs Based on International Nutrition /Caloric Value**

In consultation with WFP and by drawing comparison of Food Packs / Hampers prepared by various agencies, a standardized NDMA Food Pack, matching international nutritious/ caloric values, was prepared to deliver the emergency/ disaster affectees. The NDMA website also displays contents of NDMA Food Pack.

**Stocking Levels and Financial Requirements for Relief**

Likely Scenario					
Province/Region / Vulnerable Population (LAKM)					
Province/Region (Lakh)	Food	Blanket	Tent	Water	Total
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000
2,100	17,000	10,000	10,000	10,000	47,000



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**PRE MONSOON PREPAREDNESS AND CONTINGENCY PLANNING AT PROVINCIAL/REGIONAL HEADQUARTERS**



GB: June 19<sup>th</sup>, 2013 Chairman NDMA, Major Gen Saeed Aleem alongwith Chief Secretary GB, Munir Badiani chairing the meeting on pre monsoon preparedness & contingency plan at GB Secretariat.



Peshawar June 17, 2013: Chairman NDMA, Maj General Saeed Aleem reviewing the state of preparedness for upcoming monsoon season and contingency planning by the province of Khyber Pakhtunkhwa.

Keeping in view the multifaceted challenges of climate change and resource constraints NDMA launched provincial /regional level broad based consultation processes. These consultations were aimed at creating an understanding for multi-hazard contingency planning with specific focus on monsoon 2013. A number of high level meetings to review the state of preparedness and provincial/regional contingency plans were held at all the four provincial as well as regional headquarters to take stock of the preparedness measures, consult relevant agencies on contingency plans and resolve outstanding issues.

**NATIONAL CONFERENCE ON PREPAREDNESS AND CONTINGENCY PLANNING FOR MONSOON-2013**



Islamabad 26-27 June 2013: Chairman NDMA Maj. Gen. Saeed Aleem addressing during a 2 days "National Conference on Monsoon Preparedness & Contingency Planning"

NDMA as part of its annual national preparedness and contingency planning, organized a two days National Conference on "Monsoon Preparedness and Contingency Planning 2013" at National Library in Islamabad from 26<sup>th</sup>-27<sup>th</sup> June 2013. The Conference was a culmination of preparedness exercise initiated in March 2013 by NDMA whereby the provincial PDMA/SDMA/FDMA/ICT led the preparation of Contingency Plans at District and respective levels with primary focus on highly vulnerable districts / areas. The representative from Provincial/ Regional DMAs , PMD, FFC, SUPARCO, Federal Agencies, Pakistan Army , NHEPRN, ERC Cabinet Division, Pakistan Commission for Indus Waters, NHA, WAPDA, Pakistan Railways, NLC, Punjab Emergency Services, PRCS, UNOCHA and other stakeholders presented their plans.





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### FLOODS-2013

During the monsoon season-2013, the rain induced riverine and flash floods affected various parts of the country that included North West of Khyber Pakhtunkhwa (KP), FATA, Central Punjab, Balochistan, Karachi and the Katcha areas of Sindh. The river Chenab and its channels caused flooding and losses in Sialkot, Narowal, Sheikhpura and Jhang districts while the river Sutlej affected parts of Kasur and Okara. The river Indus affected parts of Northern Sindh. The rain induced urban flooding affected Karachi, Hyderabad and Gujranwala Divisions. There were also suspected Glacier Lake Outburst Flooding (GLOF) in Chitral and land sliding in Kashmir. However, before the start of flood season, capacity building training for disaster response of government officials and agencies in highly flood prone districts had also been undertaken.

During the whole monsoon season, NDMA kept constant monitoring of situation and orchestration/facilitation of all responses related to mitigation, rescue and relief. A total of 27 advisories for evacuations and early warnings had been issued in coordination with PMD/FFC. NDMA also prepositioned relief equipment and items on need basis. NDMA also coordinated with NHEPRN and other agencies for undertaking health interventions. In flood like situation,

NDMA also facilitated requisitioning of armed forces and air support on requirement basis. Logistics Section of NDMA dispatched the relief goods to the concerned local administrations and victims of flooded areas in the country. Relief stocks included, dewatering pumps, tents, mosquito nets and food packs to PDMA Punjab (including DCO Kalar Saidan), Balochistan and Sindh, while water boats were offered/allocated to PDMA Punjab, KP and Sindh to facilitate their rescue operations, if needed. NLC and others for logistics support were also mobilized.

#### Details of Damages & Losses

Province	Persons Died	Persons Injured	Persons Affected	Crops Affected (Acres)	House Damaged		Village Affected	Relief Camps Established	Persons in Relief Camps	Cattle Head Per Head	Remarks
					Partially	Fully					
PUNJAB	88	1,015	795,857	4,094,171	18,598	5,633	2,482	351	1,147	15	
KP	24	25	574	535	507	587	2	0	0	95	
SINDH	47	43	524,833	245,590	21,395	14,095	3,058	37	2,458	88	
BALUCHISTAN	27	18	175,596	115,927	14,125	3,595	2,289	10	550	8,135	
FATA	15	11	0	76.25	127	50	0	0	0	0	
AJ&K	33	15	0	0	645	141	0	0	0	81	Snaps - 24 Water Mills - 8
Total	234										

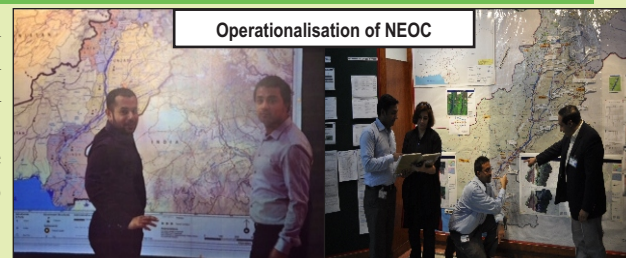
#### Details of Relief Provided

	Tents	Food Packs	Blankets	Mosquito Nets	Food Items (Bags / Cartons)	De-Watering Pumps	NFIs
NDMA	15,000	200	0	8,000	0	25	Boats - 11 Water Filter Plants - 10
PUNJAB	23,702	108,200	0	10,000	80,197 Bags	20	Mineral Water Bottles - 2,25,376 Live Stock Vaccination - 141,490 Water Purification Unit - 02 ^ Aqua Tabs - 50,000 ^ ORS Sachets - 140,000 ^ Zinc PAC - 1498
KP	*3,440	*12,650	*16,400	0	*14,000 Bags	2	
SINDH	10,185	1,500	0	6,100	0	8	
BALUCHISTAN	5,380	4,000	720	7,150	847 Bags	8	Medicine - 93 Carton
AJ&K	177	0	67	0	0	0	
Total	57,884	126,550	17,187	31,250	95,044	63	

Source:- Data is based on the reports provided by respective PDMA/ obtained from their websites.  
\*2500 Tents, 15,000 Blankets, Food Hampers 12,500 & Flour 10 Kg 12,500 provided by PDMA Punjab to Chitral  
^ Provided by UNICEF

#### OPERATIONALISATION OF NATIONAL EMERGENCY OPEARTION CENTRE (NEOC)

NEOC became operational for 24/7 on 15<sup>th</sup> July 2013 in NDMA. It functioned to optimize coordination mechanism through effective information management & coordination system. It maintained continuous liaison with all federal, provincial & district authorities, armed forces and line departments to enable effective coordination of all efforts to ensure timely response.



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### VISITS OF MONITORING TEAMS TO FLOOD HIT AREAS

In the wake of monsoon rains and flood like situation across the country, monitoring and reporting teams headed by Logistics Officers and Reporting & Monitoring Officers were deployed in the flood affected areas of Districts Rajanpur, Sialkot, Chitral, Sukkur, Sheikhpura & Gujranwala and coordinated relief efforts with the respective district administrations/other agencies.



Tehsildar Kamoki, Gujranwala briefing Log Manager NDMA, Lt. Col(R) Ali on flooded suburbs due to Nullah Dek overflow



Fully damaged house at Garam Chashma

### CHAIRMAN NDMA'S VISITS TO FLOOD AFFECTED AREAS

Chairman NDMA, Major General Saeed Aleem along with officials of NDMA visited the flood affected areas of Peshawar, Nowshera and Charsadda in June 2013 and also visited Kasur, Narowal, Chitral, Ghotki and Larkana respectively from 21<sup>st</sup> to 26<sup>th</sup> August, 2013 followed by aerial reconnaissance of the River Chenab, Trimmu HW, Punjnad HW, Sukkur and Kotri barrages. He also visited Chitral to review the emergency response and relief efforts undertaken by the Provincial and District Administrations. During his visit Mr. Syed Javed Iqbal Bukhari (DCO Kasur), Mr. Niaz Abbasi (Commissioner Sukkur), Mr. Muhammad Shoaibullah Jadoon (DCO Chitral) and representatives of the district administration of Larkana briefed the Chairman of the monsoon situation.



Ghotki: August 23rd, 2013 Commissioner Sukkur Niaz Abbassi briefing Chairman NDMA, Maj Gen. Saeed Aleem on current flood situation during his visit to Ghotki



Larkana: August 25th, 2013: Representation of District Authority briefing Chairman NDMA, Major General Saeed Aleem on flood monsoon arrangements. Chairman NDMA also visited the site of Aqil Band during visit to Larkana Division

### PRIME MINISTER'S VISIT TO FLOOD AFFECTED AREAS

Prime Minister, Mian Muhammad Nawaz Sharif visited flood affected areas of Punjab and Sindh Provinces. The Prime Minister was briefed by Chairman NDMA and other concerned authorities regarding flood situation, damages & losses and the steps taken for the rescue and relief of the affectees. On 18<sup>th</sup> August 2013, during his visit to Flood Relief Camps in Baddomalhi, in Narowal, the Prime Minister disbursed cheques among the bereaved families of those killed in the floods. Mr Pervez Rashid (Minister for Information Broadcasting and National Heritage) Mr Ahsan Iqbal (Federal Minister for Planning Commission) and Major General Saeed Aleem (Chairman NDMA), also accompanied the Prime Minister. On 24<sup>th</sup> August 2013, the Prime Minister also visited the Flood Relief Camp at Shink Band Ghotki, Sindh. He assured cooperation of the government in providing all possible assistance for the relief and rehabilitation of flood hit people. Syed Qaim Ali Shah (Chief Minister Sindh) and other Federal and Sindh government officials were also present on the occasion.



Ghotki: August 24th, 2013: Chairman NDMA, Major General Saeed Aleem briefing Prime Minister Mian Nawaz Sharif on the flood situation in Sindh during PM visit to Ghotki, Sindh





## RESILIENCE

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### SECTION-II THE AWARAN EARTHQUAKE 2013

#### RESPONDING TO THE EARTHQUAKE: PROMPT AND VIGOROUS ACTIONS

Earthquakes with a magnitude of 7.7 and 7.4 on the Richter scale jolted south-western Balochistan on 24<sup>th</sup> September and 27<sup>th</sup> September respectively. The areas of districts Awaran and Kech of Balochistan were severely affected by the earthquakes. The worst affected areas include tehsils Gashkor, Mashkai and Awaran of District Awaran and tehsil Dandar of District Kech. All national relief and rescue resources were immediately mobilized and diverted to the disaster affected area.

#### Losses and Damages of Awaran Earthquake – 2013

Area	Casualties		Villages Affected	Houses		Government Buildings	Schools		WSS	Health Facilities
	Death	Injury		CD	PD		Govt	NCHD		
Mushkay	179	158	45	12961	6151	-	18	15	1	6
Mangoli (UC of Mushkay)	incl abv.	incl abv.	20	411	95		9	5	2	1
Awaran	174	255	90	20129	12422	7	33	20	7	13
Kech (Malar / Dhandar)	46	186	83	10236	6844	1	31	16	1	1
<b>Total</b>	<b>399</b>	<b>599</b>	<b>267</b>	<b>32638</b>	<b>14118</b>	<b>9</b>	<b>91</b>	<b>56</b>	<b>11</b>	<b>21</b>

Affected Population : **200,241** Affected families at Awaran/Kech Districts : **40,000**

NDMA hosted a coordination meeting of key departments and organizations including Ministry of Foreign Affairs, Economic Affairs Division, Ministry of Communication, Climate Change Division, Military Operations Directorate, WAPDA, PMD, SUPARCO, FFC, NHEPRN, PRCS on 26<sup>th</sup> September, 2013 at NDMA, Islamabad. The aim was to coordinate relief and rescue efforts in the wake of earthquake in Balochistan to ensure continuous passage of information of damages and to devise mechanism for relief operations and coordination among key departments and organizations.



Islamabad: September 25th, 2013: Representatives of NDMA, EAD, PMD, SUPARCO, PRCS, NHA, NHEPRN, WAPDA, Foreign Affairs, MO etc. Ministry of Communication during a coordination meeting at NDMA, in wake of Balochistan Earthquake 2013

NDMA initiated coordinated activities for rescue and relief efforts by Pakistan Army, Frontier Corps, PDMA, the civil administration, the civil society and other key stakeholders in the affected areas. Pakistan Army, as usual, played a key role in provision of rescue and relief efforts and were ably assisted by Pakistan Air force, Pakistan Navy, Frontier Corps and the civil administration.



Karachi: September 27<sup>th</sup>, 2013: C-130 carrying NDMA relief stock (food packs) for air dropping in quake hit areas of Awaran

**NEOC:** National Emergency Operations Centre was immediately activated and all federal and provincial departments were alerted. The emergency operation center monitored & coordinated, rescue / relief activities with all national departments, provincial governments, armed forces, FC, civil society organizations and international partners round the clock.



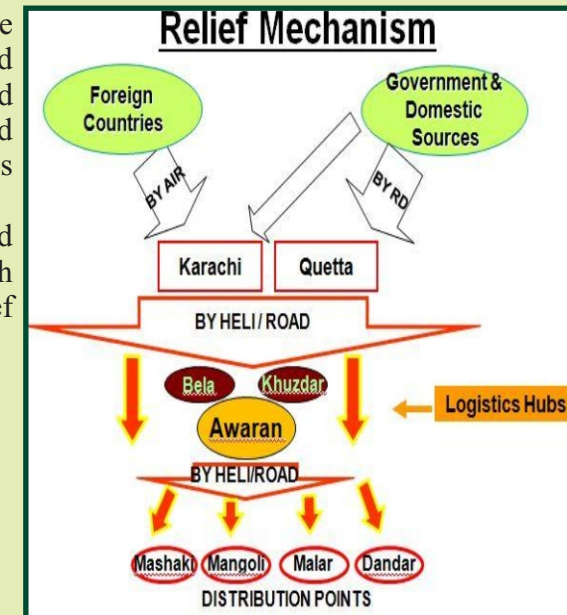
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**Rescue and relief operation:** Soon after the earthquake, the FC Balochistan and the Pakistan Army took lead in rescue and relief operations and immediately moved troops to affected area. The Air Dispatch Company of Pakistan Army was moved from Islamabad to Karachi to prepare relief goods for air drops which extended valuable support for relief logistics.

**Urban search and rescue team (USAR):** NDMA moved Urban Search and Rescue teams from Karachi along with canine components to expedite lifesaving rescue and relief activities.

Search & Rescue (24–27 Sep'13)		
Rescue Effort	Army Deployed	4 Army units 1 x FC wing
	USAR Team Deployed	39 x individuals 4 x dogs
	Local admin and volunteers	Unspecified number



#### Establishment of NDMA Logistics Center/Coordination Network - Awaran Earthquake

To ensure planned and sustained logistic support, NDMA established a "Logistics Center" as forward NDMA logistics base by deploying a segment of its Logistics Section at COD Karachi and Islamabad and three sub offices at Awaran, Bella, Khuzdar to coordinate the relief activities with the District Administration and the Army to keep fast track of logistic support/efforts (relief operation) towards the affected areas of Awaran.

#### Dispatch of Relief Items to the Earthquake Affected Areas.

A substantial dispatch movement of relief stocks was carried out by NDMA Logistics Section to the earthquake affected areas of Awaran. Main logistics support/effort was initiated from "NDMA Forward Logistics Center" at COD Karachi, however, some of the NDMA relief stocks prepositioned at Quetta and Islamabad/Rawalpindi warehouses, were also directed to Awaran directly or via COD Karachi.



Member S&S along with Log Manager inspecting dispatch of relief stock at COD Karachi.

**Field hospital at Awaran & Medical Support:** Pakistan Army immediately established its field hospital at Awaran to provide much needed medical support. A number of military and civil hospitals along with ambulances were engaged in rescue and relief efforts.

Medical Evacuation	Evacuated to Karachi		335 (critically injured)
	Total treated		30,962
	Doctors	Paramedics	Ambulances
Awaran	28	53	34
Mashkai	18	10	3
Dandar	6	8	

**Financial Assistance:** The Prime Minister, Nawaz Shrief immediately sanctioned rupees 100m to NDMA for provision of relief to the affected population.

**Provision of Relief:** NDMA provided 12,570 tents, 20,000 food packs to the affected population utilizing NLC, PDMA Balochistan and Armed Forces of Pakistan. 34 sorties of C 130 / IL76 were flown from Islamabad to Karachi and for subsequent air drops.

Air Assets Committed	Air Assets Committed	
	Pak Army	14 helicopters
PAF	2 C130s, 1 IL 76aircrafts	
PAK Navy	1 Fokker and 1 helicopter	
Punjab Government	1 helicopter	
Air Sorties Flown	C – 130/ IL – 78	34 sorties
	Helicopters	221 sorties including 26 sorties by Govt of Punjab 's helicopters
	Fokker	5 sorties

The large scale air effort was employed in support of the earthquake relief operation which included air assets of Pakistan Army, Pakistan Air Force, Pakistan Navy, FC Balochistan and the Government of Punjab.





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### RELIEF AWARAN – EARTHQUAKE 2013

Items	Total	NDMA	Foreign Countries	Civil Society Org	PDMA Balochistan	PDMA Punjab	PDMA Sindh	PDMA KP	Armed Forces
Ration Packs	254,224	20,000	2,019	91094	68,265	67,266	1,700	-	3,880
Tents	48,272	12,570	-	3,600	17,686	10,280	2,500	1,000	636
Blankets/Quilts	94,152	26,899	27,918	5,000	2,225	30,360	-	1,000	750
Plastic Mats	52,101	37,511	-	-	14,390	-	-	200	-
Mosquito Nets	23,200	5,000	-	7,000	6200	5,000	-	-	-
Mineral Water	43,201	-	-	20,811 bottles	3,900	600	-	-	17,890
NFIs	5,815	6	3,856	1,553	400	-	-	-	-

### EARLY RECOVERY PLAN

After the successful rescue & relief operations, NDMA coordinated the 'Initial Rapid Assessment' of damages and losses in Awaran earthquake affected area of Balochistan. The assessment was jointly undertaken by Civil Administration and Pakistan Army teams. The purpose of the exercise was to identify the scale, extent and nature of losses in terms of lives, livelihood, property and infrastructure so as to ascertain the additional resources for early recovery and rehabilitation of affected population. NDMA prepared an 'Early Recovery Plan' by proposing various interventions and provision of additional resources in the sectors of food, shelter, education, livelihood, agriculture/irrigation, community/ services restoration etc. The Early Recovery Plan was submitted to Climate Change Division on 29<sup>th</sup> October 2013. The salient features of the plan are:-

- Provisioning of food items to the affected population for a period of three months.
- Provision of 970 large sized tents and necessary wherewithal to ensure health and education facilities and government buildings are up and running in the shortest possible time.
- Provincial Government with the support of Federal Government cater for livelihood and community/ services restoration.

The civil society and business community also extended support in provision of relief assistance for earthquake affected population by providing large quantities of food, shelter and other necessities. The Prime Minister while on his visit to Awaran on 8<sup>th</sup> November, 2013 commended the relief efforts of NDMA, Balochistan Government and Pakistan Army, and directed the Government of Balochistan to take lead role in reconstruction. He also approved construction of 30,000 two-room units for earthquake affectees of Balochistan at an estimated cost of Rs 7.5 billion to be shared equally by the Federal & Provincial Governments.

### REVIEW OF EARTHQUAKE RELIEF EFFORTS BY THE GOVERNMENT

On the directions of the Prime Minister Muhammad Nawaz Sharif, Interior Minister Chaudhry Nisar Ali Khan chaired a high level meeting in Islamabad on 30<sup>th</sup> September 2013 to review the Balochistan earthquake relief work. Chairman NDMA, DG ERRA, Chairman National Database and Registration Authority (NADRA) and senior officers of the Prime Minister's Office attended the meeting. Chairman NDMA informed the meeting about the damages and rescue relief efforts of the Pak Army, the FC and the Civilian Administration who worked round the clock to alleviate distress of the affectees.



Islamabad 30th September 2013: Chairman NDMA, Major General Saeed Aleem briefing Federal Minister for Interior & Narcotics Control Chaudhry Nisar Ali Khan on relief efforts for Balochistan earthquake



## RESILIENCE

June-December- 2013

### CHAIRMAN NDMA'S VISITS TO AWARAN



Awaran: October 1st, 2013: Chairman NDMA, Major General Saeed Aleem along with Chairman NADRA, Tariq Malik visited Awaran to ascertain losses and damages to life, property & livelihood and also to monitor & coordinate rescue and relief activities in Balochistan earthquake affected areas



Khuzdar: September 26th, 2013: Chairman NDMA, Major General Saeed Aleem along with GOC 33 Division, Major General Samraiz visited the relief dispatch point at Khuzdar for earthquake affectees

In the aftermath of earthquake Chairman NDMA immediately visited the earthquake affected areas on 25<sup>th</sup> September, 2013 to oversee rescue and relief efforts and coordinate with the Provincial Government. In order to ascertain losses and damages to lives, property and livelihood Chairman visited Awaran along with Mr Jam Kamal Khan (Minister of State for Petroleum & Natural Resources) and Muhammad Tariq Malik (Chairman NADRA). The delegation monitored transparency of relief distribution mechanism by all stakeholders. Chairman NDMA held meeting with GOC 33 Division, Major General Samraiz and his staff to discuss the role of Pakistan Army in relief and damage assessment. He also held meetings with the District Administration, the notables and the line departments. The Deputy Speaker of Balochistan Assembly and Commissioner Kalat also attended the meetings. Chairman NDMA urged the notables of Awaran district to join hands with the Army for accurate data collection and relief activities to achieve impetus for early recovery phase.

### NDMA TEAMS DEPLOYED TO MONITOR RELIEF/ RESPONSE EFFORTS



In order to monitor and coordinate the relief & response efforts in the earthquake hit areas of Balochistan, Member Operations NDMA, Brig Mirza Kamran Zia long with a team of officers camped in District Awaran, where he coordinated the on going relief and response activities in the affected district. NDMA also established its logistics bases and deployed teams at Karachi and four sub offices at Awaran, Bella and Kuzdar. These logistics bases and sub offices remained functional till 23rd November 2013.





## RESILIENCE

June-December- 2013

### VISIT OF CHIEF MINISTER BALOCHISTAN TO NDMA



Islamabad: Oct 23rd, 2013: Member Operation NDMA, Brig Mirza Kamran Zia briefing Chief Minister Balochistan, Dr. Abdul Malik on the early recovery plan for the earthquake hit areas of Balochistan during his visit to NDMA

Chief Minister Balochistan, Dr. Abdul Malik visited NDMA on 23<sup>rd</sup> October, 2013. Chairman NDMA, Major General Muhammad Saeed Aleem highlighted the efforts and measures taken for the earthquake affected people in Balochistan. Member Operations NDMA, Brigadier Mirza Kamran Zia gave detailed briefing to the Chief Minister Balochistan on Early Recovery Plan for the Awaran earthquake on the basis of the damage assessment jointly undertaken by the Army, Civil Administration and NDMA. The Chief Minister appreciated the efforts of NDMA in provision of relief and in early recovery and expressed resolve of Government of Balochistan to do its utmost in rehabilitation of affected families in collaboration with NDMA and other stakeholders.

### PRIME MINISTER'S VISIT TO AWARAN



Awaran: November 08, 2013: Prime Minister, Muhammad Nawaz Sharif being received by Balochistan Chief Minister, Dr Abdul Malik Baloch upon his arrival at Army Relief Camp.



Awaran: November 08, 2013: Prime Minister, Muhammad Nawaz Sharif addressing notables of earthquake affected areas at the main relief camp at Awaran, Balochistan

Prime Minister, Nawaz Sharif, along with the federal ministers and Chairman NDMA visited the earthquake hit areas of Awaran in Balochistan. The Prime Minister was received by Chief Minister Balochistan, Dr. Abdul Malik Baloch. During his visit the Premier also met the local tribesmen and elders, government officials and political representatives of the area.

Prime Minister directed the authorities to construct roads and educational institutions for the affected people of the region. He further announced that the federal government would install solar units in Awaran, Mushkay and Jahu. Prime Minister also announced Rs 500, 000 for each family of the deceased and Rs. 150,000 for the injured. He also assured that government will help in reconstruction/rehabilitation of affectees.



## RESILIENCE

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### SECTION-III CAPACITY BUILDING INITIATIVES

#### CAPACITY BUILDING TRAININGS – VULNERABLE DISTRICTS

NDMA, in collaboration with UNOCHA and respective PDMA, organized capacity building trainings for the district authorities of vulnerable districts in 2013. The aim of these trainings was to enhance the response capacities of district and provincial authorities and increase their understanding of humanitarian issues. In phase 1, officials of 43 vulnerable districts of Punjab, Sind, KP, Balochistan and AJ&K and selected officers of Pakistan Army and NGOs were imparted training. In the second phase 18 training sessions at 33 districts have been organized for year 2014.



Participants of Capacity Building Workshop at Nasirabad, Balochistan.

#### TRAININGS FOR NATIONAL WORKING GROUP ON VULNERABILITY AND RISK ASSESSMENT

NDMA in collaboration with the World Bank (WB), organized a series of trainings from 1<sup>st</sup> to 12<sup>th</sup> July, for the members of National Working Group (NWG) on Vulnerability and Risk Assessments, at Islamabad. These trainings were part of the WB's technical assistance to NDMA to create a national platform for risk assessments, which brings together a number of Pakistan's technical agencies to collaborate under one umbrella. The participants of the training course represented various government departments and agencies, including NDMA, PDMA, GSP, SUPARCO, PMD, ERRA, NESPAK, as well as academia.



Islamabad: July 12th, 2013: Chairman NDMA, Major General Saeed Aleem addressing the participants of the National working group on vulnerability and risk assessment training organised by NDMA in collaboration with World Bank

#### NATIONAL INSTITUTE OF DISASTER MANAGEMENT (NIDM) ESTABLISHED A STEP TOWARDS MAKING PAKISTAN DISASTER RESILIENT

NDMA was assigned the responsibility of establishing NIDM which was a statutory requirement under NDM Act 2010. The NIDM, through the technical support of the United Nations Development Program (UNDP) was established in Islamabad in February 2010 to build capacities to respond and prepare for disasters across the country but due to financial constraints, the institute was temporarily closed. However under the guidance of Major General Muhammad Saeed Aleem, Chairman NDMA, the present team (Brig Sajid Naeem and Capt (R) Asif Iqbal Asif) revitalized the institution in July 2013, with a mission to work as a learning center for the government officials, private sector, media, NGO and enhance their capacities through research and training. NIDM was formally inaugurated by Chairman NDMA on 5<sup>th</sup> August 2013.







## RESILIENCE

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### TRAININGS & WORKSHOPS ORGANISED BY NIDM



Islamabad 4th Dec 2013: A Group Photograph of Chairman NDMA, Major General Saeed Aleem along with the Participants of a 2 Days Training Workshop on "Project Proposal & Report Writing" organized by NIDM in collaboration with NDMA.



5-6 August 2013: Chairman NDMA, Maj Gen. Saeed Aleem & former Chairman NDMA, Lt. Gen. Nadeem Ahmed addressing the participants of a 2 Day Workshop on Disaster Reporting.

NIDM successfully organized thirteen training courses from August -December 2013. A total of 395 individuals benefited from these training workshops. The participants of these trainings represented various federal ministries, provincial disaster management authorities, line departments, district administration, NGOs, students of higher education institutions and civil society. NIDM is committed to continue its efforts and play a key role in making the country resilient against disasters by building the capacities of fellow countrymen.

Sr.	Date	Course Title	Participants	Participating Departments/Organizations
1	5 – 6 Aug.	Disaster Reporting	25	
2	19 – 23 Aug.	DRM Orientation Course	50	NDMA, PDMA's, SDMA, GBDMA, FDMA, P & D Department, CDA, NHA, irrigation Department, Health Department, Bureau of Statistics, PMD, Pak Army, WASA-FDA, LDA, Kaghan Development Authority, C & W, COMSATS, SERRA AJ&K, Rescue 1122, Survey of Pakistan, Housing & Works, PARC, GSP, SUPARCO, PPAF, Sungi Foundaion, SPO, PRCS, Karwan Foundation, Taaleem Foudation, SZABIST, infra-D Cosulting and electronic/Print media groups, etc.
3	26 – 30 Aug.	DRM Orientation Course	50	
4	9 – 13 Sep.	DRR Mainstreaming/ Integration	50	
5	17 – 19 Sep.	DRR Mainstreaming/ Integration	25	
6	25 – 26 Sep.	CCCM	20	
7	7 – 11 Oct.	DRR Mainstreaming/ Integration	25	
8	22 – 24 Oct.	Earthquake Mitigation	25	
9	29 – 31 Oct.	District DRM Planning	25	
10	18 – 22 Nov.	DRR Mainstreaming/ Integration	25	
11	26 – 28 Nov.	District DRM Planning	25	
12	03 – 04 Dec.	Formulation of Project Proposal & Report Writing	25	
13	17 – 19 Dec.	Flood Mitigation and Contingency Planning	25	
Total			395	

### MEDIA WORKSHOP ON DISASTER REPORTING

Media Cell, NDMA organized a two day 'Media Workshop on Disaster Reporting' at National Institute of Disaster Management (NIDM) Islamabad on 5<sup>th</sup> August, 2013. The workshop was organized in four sessions covering areas like Disaster Management System in Pakistan, Role of Media in Disaster Risk Reduction, Media Reporting on Disasters and the Responsibilities & Ethics of Reporting in Disasters. The workshop was attended by representatives of different print/ electronic media and news agencies.



Islamabad: August 5th-6th, 2013: A group photograph of Chairman NDMA, Maj. Gen. Saeed Aleem, with participants of "Media Workshop on Disaster Reporting" organised by NDMA at NIDM



## RESILIENCE

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### NDMA & THE WORLD BANK LAUNCHED BASELINE DATA COLLECTION FOR RISK ASSESSMENT FOR PAKISTAN

NDMA, in collaboration with WB started a project on 15<sup>th</sup> August 2013 to conduct a historical research & maintain data base on the occurrences, impact and losses of disasters that occurred in Pakistan between 1980 and 2013. The WB is assisting the project through technical assistance and providing data analysts at provincial/regional disaster management authorities for data collection and data specialists at NDMA.

### MULTI SECTOR INITIAL RAPID ASSESSMENT (MIRA) TRAININGS- 2013



Islamabad 20th August 2013: NDMA & UN-OCHA jointly conducted Multi Sector Initial Rapid Assessment (MIRA) training 2013 in Islamabad, to develop better understanding of the questionnaire among the participating, for field assesment on community level.

NDMA and UN-OCHA, in July 2012, jointly devised a tool called Multi Sector Initial Rapid Assessment (MIRA) for assessing the severity of a disaster. The tool was piloted in five flood affected districts namely Jaffarabad, Naseerabad, Rajanpur, Jacobabad and Kashmore in September 2012. In 2013, NDMA further refined this tool by revisiting the Questionnaire and setting up Joint Assesment Roster. NDMA and UN-OCHA jointly conducted training sessions on MIRA at Islamabad, Karachi, Peshawar, Quetta, Multan, Nasirabad and Sukkur from 20-22 August, 2013 respectively.

### HUMANITARIAN RESPONSE FACILITIES (HRFS) & FLOSPANS INITIATIVES



HRF at Muzaffargarh



HRF at Quetta



HRF at Muzaffargarh

In order to supplement and ensure effective emergency/disaster response capacity, a warehousing network called "Humanitarian Response Facilities" (HRF) has been initiated under a joint collaboration project between NDMA and WFP. There are seven strategically identified locations across the country i.e., Lahore & Muzaffargarh (Punjab), Quetta (Balochistan), Hyderabad (Sindh), Peshawar (KP), Gilgit (GB), Muzaffarabad (AJK), Sukkur (Sindh) and Islamabad. Presently HRF's at Muzaffargarh (Punjab) and Quetta, (Balochistan) are nearing completion, while other locations are under different stages of their pre-construction processing. As a sequel to this project, installation of 36 flospans have been completed by 2013 while 24 flospans for year 2014 have also been planned, this will be installed after mutual consultations between the stakeholders for more accurate and suitable future deployment of this facility.



## SOFTWARE SOLUTIONS BY IT SECTION

NDMA IT Section is working to improve the efficiency of information system to ensure availability of timely data to provide an insight NDMA activities to all stakeholders. The IT section is constantly developing state of the art solutions such as; **Intranet Information System (IIS)** Intranet Information System (IIS) is developed by the IT team by using open source software for internal use of NDMA.



### GUI Intranet Information System (IIS) System

The intranet of NDMA comprises following sections Communications, Archives, Trainings/Research Environment, Historical Data and NDMA Document Templates. Additionally it has a notice board for important organization wide memos and an internal contacts directory.

**SMS Alert System:** An SMS Alert System developed in house by NDMA IT team to leverage coordination within NDMA staff normally during day-to-day working and in emergency situation has also been put to use.



### GUI SMS Alert System

• **New Website of NDMA:** The new website was developed to make it easier for a general audience to access information.



www.ndma.gov.pk

**Disaster Management Information System for Pakistan** NDMA is currently working on DMIS which is a Management System equipped with GIS & other related tools for Pakistan to improve emergency response system within the country. With its deployment, NDMA will be able to establish a state of the art Disaster Management Information System in Pakistan. This system is currently undergoing feasibility studies through ICT R&D.

## NDMA LOGISTICS PREPAREDNESS INITIATIVES

NDMA Logistics Section is working to implement and supervise all logistics activities to ensure a befitting logistics response in case of any calamity in the country. Under its preparedness initiatives, this section is ensuring inventory management, strategic stock deployment, and management of warehouses including enhancement and maintenance of existing storage facilities.

### Enhancement of Stock Storage Capacity and Strategic Deployment of Critical Relief Stocks

With the assistance and collaboration of Army & WFP, NDMA enhanced the relief stock storage capacity across the country under temporary and fixed warehouses facilities. Consonant to this, WFP, apart from rendering storage facility in their warehouse at PirPiai and Sukkur, also installed 2 Rub Halls at CMT & SD Golra, Rawalpindi to accommodate NDMA relief stocks, while Army provided storage facilities to house the additional relief stocks in their Central Depots / warehouses across the country and also provided space for installation of Rub Halls/ Flospans. NDMA also ensured strategic deployment of newly procured critical relief stocks at Karachi, Sukkur, Quetta, Lahore, Rawalpindi, Islamabad and PirPiai warehouses, while re-deployment/re-shifting of relief stocks was also carried out locally.



### Repair and Maintenance of Rub Hall Facilities

With the assistance of WFP, a process of repair and maintenance of installed Rub Hall facilities at H-11 and Golra warehouses Islamabad / Rawalpindi was initiated to strengthen the storage facilities and preserve the stocks against any external environments/atmosphere.



### New Structuring of NDMA Logistics Stock Inventory Management System

To have a clear visibility of available NDMA logistics stocks (mainly relief & rescue items) and ensure better management, a new format of NDMA logistics stock for inventory management system has been structured that will supplement the stock ledger maintenance system. The system ensures data information of the available stock items, their capacity, location and load tables (in terms of weight, volume & capacity) for stock carriage by compatible means of transportation.



## SECTION-IV

## NEWS & EVENTS

### COMMISSIONING OF ALTERNATE BRIDGE IN ASTORE VALLEY, GILGIT BALTISTAN

Astore valley is linked to mainland GB and rest of Pakistan through only one metalled Road i.e., KKH-Astore which serves as vital lifeline for the inhabitants. A class 70 RCC bridge on Road Karakoram Highway (KKH) – Astore at Mushkin was closed due to structural cracks in January, 2013 flash floods in the River Astore. NDMA provided five sets of Canadian donated Compact 200 bridges on temporary basis which were successfully launched by Army Engineers at Mushkin on 20<sup>th</sup> June 2013.



## LIASION WITH MEDIA



Islamabad: September 25th, 2013: Member Operations NDMA, Brig Mirza Kamran Zia addressing the Press Conference in wake of Balochistan earthquake 2013



Islamabad: August 14th, 2013: Chairman NDMA, Maj. Gen. Saeed Aleem along with Minister of State for Information Technology, Anusha Rehman, DG Pakistan, DG Pakistan Met. Dept, Dr. Arif Mehmood and Chief Engineer, Federal Flood Commission, Mr. Alamgir Khan during Q & A session of press conference on monsoon/flood situation 2013

NDMA Media Cell coordinated electronic and print media coverage of all major events and initiatives of NDMA through daily media scan reports, interviews & talk shows, public service messages, press conferences and press releases. NDMA also held four press briefings in the wake of Floods and Awaran earthquake to apprise about its humanitarian initiatives.

### SECRETARY GENERAL UNITED NATIONS MR BAN KI-MOON'S VISIT TO NDMA

The Secretary General UN, Mr Ban Ki-Moon, along with his delegation visited NDMA on 14<sup>th</sup> August 2013. The Secretary General was given a detailed briefing on the Disaster Management System in Pakistan and Pakistan's vulnerabilities & preparedness level. Major General Saeed Aleem (Chairman NDMA) thanked the Secretary General for the continued UN support to Pakistan in the hour of need. The Secretary General appreciated NDMA's focus on Disaster Risk Reduction and also admired valuable contributions of NDMA, Pakistan towards implementation of Hyogo Framework for Action- HFA (2005-2015) and the Post HFA -2015 framework development.



Islamabad: August 14th, 2013: Chairman NDMA, Maj. Gen. Saeed Aleem Presenting a Souvenir to UN Secretary General, Ban Ki moon during his visit to NDMA.





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### UN SECRETARY GENERAL'S HUMANITARIAN ENVOY VISIT TO NDMA



Islamabad: September 24th, 2013: Member Operations NDMA, Brig Mirza Kamran Zia briefing UN Secretary's General Humanitarian Envoy for Kuwait, Dr. Abdullah Al-Matouq on role and mandate of National Disaster Management Authority, during delegation's visit to NDMA

Dr. Abdullah Al-Matouq UN Secretary General's Humanitarian Envoy for Kuwait visited NDMA on 24th September, 2013. Brig. Kamran Zia, Member (Ops) briefed the dignitary on disaster management system and history of disasters in Pakistan. He highlighted the loss of lives, livelihoods and millions of people affected by the disasters / floods and key initiatives taken by NDMA in the recent past for disaster risk management in Pakistan. Chairman NDMA shared the broad highlights of recent flood response, capacity building initiatives by NIDM, NDMA's bilateral and regional cooperation with a number of countries on Disaster Management. Dr. Abdullah Al Matouq appreciated initiatives launched by NDMA to ensure timely preparedness and response activities to cope with any unlikely situation during monsoon season and also expressed his interest for establishment of institute of disaster management in Kuwait on similar pattern as of NIDM.

### NDMA ATTENDS 6<sup>th</sup> MEETING OF D-10 FORUM



Islamabad 5th September 2013: Member Operations NDMA, Brig Mirza Kamran Zia briefing the house at the 6th Meeting of D-10 Forum.

The 6<sup>th</sup> meeting of donors i.e., D-10 Forum under the Chairmanship of Secretary Economic Affairs Division, Ms Nargis Sethi was held on 5<sup>th</sup> September in Islamabad. The meeting was aimed at reviewing and coordinating development agenda of the country. Ms Nargis Sethi briefed the participants on government's priorities and vision 2025 regarding development of the country. Chairman NDMA and representatives of other key institution/organizations attended the meeting.

### GENDER & CHILD CELL (GCC) VISITS NAROWAL

GCC team of NDMA visited District Narowal on 12<sup>th</sup> September 2013, to identify the issues of women and children in the area. The team conducted field visit with an aim to document the specific needs and issues faced by the vulnerable segments of the population and arranged focused group discussions with the two communities of Zakria Colony and Phagala in Baddomalhi.



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### TURKISH ASSISTANCE FOR 2010- FLOOD AFFECTEES



View of houses constructed at Dera Allahyar, Balochistan



View of houses constructed at Thatta, Sindh



View of A Mosque constructed at Jampur, Punjab

A Turkish company M/s Siyahkalem Engineering & Construction Co. Ltd completed their project in Pakistan and handed over their project sites in Thatta and Dera Allah Yar to PDMA Sindh and Balochistan, respectively during September 2013. The company built and handed over 4620 housing units and 37 social facilities e.g., schools, health facilities, sports centres and mosques etc to the provincial authorities under an agreement signed between NDMA and Prime Ministry Housing Development Administration of Turkey in July 2011.

### THE ISTANBUL CONFERENCE FOR AFGHANISTAN SECURITY AND COOPERATION IN THE HEART OF ASIA

The Istanbul Conference for Afghanistan: Security and Cooperation in the Heart of Asia (HOA), held on 2<sup>nd</sup> November, 2011 adopted a declaration and enlisted 43 Confidence Building Measures (CBMs) for implementation by HOA Countries, consisting of Afghanistan, Azerbaijan, China, India, Iran, Kazakhstan, the Kyrgyz Republic, Pakistan, the Russian Federation, Saudi Arabia, Tajikistan, Turkey, Turkmenistan, The UAE and Uzbekistan. Subsequently, the 'Heart of Asia Ministerial Conference' at Kabul on 14<sup>th</sup> June, 2012 decided to short list seven (7) CBMs for implementation in the first phase. NDMA, Pakistan held detailed talks with the visiting Norwegian Experts and other stakeholders in the field of disaster management on 3<sup>rd</sup> September, 2013. Both sides discussed the way forward and decided that Pakistan would host the initial seminar on 'Developing Regional Hazard & Risk Picture' for HOA participating and supporting countries and organizations in early 2014. z



### COMMEMORATION OF NATIONAL DISASTER AWARENESS DAY

To express solidarity with the bereaved families who lost their dear ones and also to remind the nation of emergent challenges of country's disaster vulnerability, frequency and intensity that has increased due to climate change phenomena, NDMA organized a three days Photo Exhibition in collaboration with DRR Forum on the eve of "National Disaster Awareness Day" at PNCA on 8<sup>th</sup> October 2013. The photo exhibition was planned to raise awareness among general public. The relevant stakeholders from public as well as civil society were invited to sensitize them about measures aimed at resilience and disaster risk reduction.



Islamabad: October 8th, 2013: Member DRR NDMA, Idrees Mahsud addressing at the inaugural ceremony of photo exhibition organised by NDMA on national disaster awareness day in collaboration with DRR forum





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### NATIONAL CONSULTATION ON POLICY GUIDELINES FOR MAINSTREAMING NEEDS & CONCERNS OF VULNERABLE GROUPS IN DISASTERS

GCC NDMA organized a one day workshop in Islamabad on 6<sup>th</sup> November 2013 for National Consultation on Policy Guidelines for Mainstreaming Needs and Concerns of Vulnerable Groups in Disasters to finalize the draft policy guidelines based on the recommendations that were made through a series of consultations during April to July 2013 with the key stakeholders at the provincial and regional level. These provincial consultations were carried out to gain provincial perspective and create ownership of the provinces. All stakeholders participated in the workshop. The guidelines will be operationalized through development of SOPs, capacity building trainings and integration into the National Social Protection Framework being developed by the Planning Commission.



Islamabad: November 6th, 2013: A group photograph of Chairman NDMA, Major General Saeed Aleem with the participants of a one day training workshop on "National Consultation on Policy Guidelines for Mainstreaming Needs & Concerns of Vulnerable Groups in Disaster"

### DISASTER MANAGEMENT EXHIBITION

CDPM University of Peshawar, in collaboration with ACF International and UNESCO, organized a two-day Disaster Management Exhibition at the Peshawar campus on 20<sup>th</sup> November 2013, as a step towards providing opportunity to all stakeholders working in the field of DRR to showcase their contributions in Disaster Risk Reduction. The main objective of the exhibition was to sensitize and create awareness on DRR among students, professionals, common masses in general and relevant stakeholders as well as other institutions of KP in particular.



### A "COOPERATION PROTOCOL" SIGNED BETWEEN PAKISTAN & TURKEY

A 'Cooperation Protocol' was signed in Islamabad on 24<sup>th</sup> December, 2013, between NDMA, Pakistan and Disaster & Emergency Management Presidency of the Republic of Turkey on cooperation in the field of disaster, during the visit of Turkish Prime Minister (Mr Tayyeb Ardegon) to Pakistan. The Protocol was signed by Major General Muhammad Saeed Aleem (Chairman NDMA) and H.E Babar Girgin (Turkish Ambassador to Pakistan). The Cooperation Protocol aims to enhance cooperation between the two countries for exchange of knowledge experience, technology and information in the field of disaster management, prevention, mitigation, preparedness, response, rehabilitation and reconstruction.



Islamabad: December 24, 2013: Prime Minister Muhammad Nawaz Sharif and Prime Minister of Turkey Recep Tayyip Erdogan witnessing signing of MoUs between Pakistan and Turkey at PM House



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### AN UPDATE ON ATTABAD LAKE

#### Relief Assistance for Attabad Affectees & Realignment of KKH at Attabad Lake



View of ongoing KKH tunnel work site



GB: June 15th, 2013: Chairman NDMA, Major General Saeed Aleem along with Brig Mirza Kamran Zia, Member (Ops) NDMA, Idrees Mahsud, Acting Member DRR NDMA & AD GBDMA visited Attabad Lake Spillway



Rub hall provided to GBDMA



View of Attabad Lake natural harbor improved by Pakistan Army

The cut off population living across Attabad Lake continues to remain affected due to blockage of roadway. While work on the road is in progress, NDMA along with government of GB continues to provide relief to the affected population.

Chairman NDMA, Major General Saeed Aleem along with Member Operations NDMA, Brig Mirza Kamran Zia also visited Attabad Lake to assess progress on realignment of KKH & tunnel work and relief assistance. Currently Attabad Lake level has been lowered to 27meters out of planned 30meters while the work is expected to be completed by summer 2014. In order to review progress and to carryout need assessment of the affectees for the remaining period an Assessment Team of NDMA led by Major Javid (Deputy Director Response NDMA), visited GB to determine requirements for provision of assistance in consultation with Gilgit Baltistan Disaster Management Authority (GBDMA). Representatives of civil administration and army were also consulted.





## RESILIENCE

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### Picture Gallery



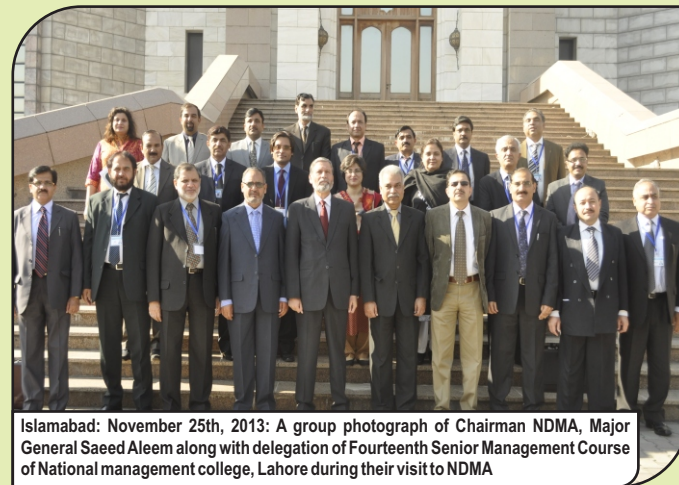
Nowshera 17 June 2013: Chairman NDMA, Maj Gen Saeed Aleem, Visiting NDMA warehouse Pir Pilai, Nowshera, KPK



Islamabad 10th July 2013: Chairman NDMA, Maj Gen. Saeed Aleem in a meeting with Secretary Climate Change, Raja Hassan Abbas during his visit to NDMA HQ



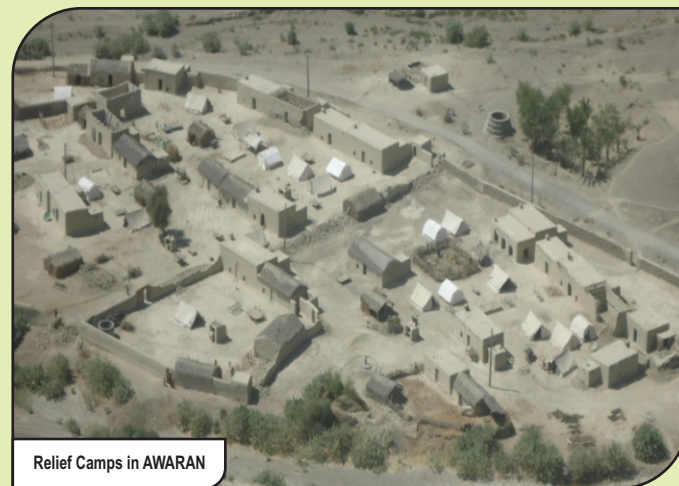
Ghotki: August 24th, 2013: Prime Minister Mian Nawaz Sharif and Chief Minister Sindh, Syed Qaim Ali Shah along with Chairman NDMA, Major General Saeed Aleem and DG PDMA Sindh, Suleman Shah during their visit to flood hit areas of Ghotki



Islamabad: November 25th, 2013: A group photograph of Chairman NDMA, Major General Saeed Aleem along with delegation of Fourteenth Senior Management Course of National management college, Lahore during their visit to NDMA



Medical Relief Camp in AWARAN



Relief Camps in AWARAN



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