

1. **ATTABAD LAKE CRISES – 2010 - CHRONOLOGY OF EVENTS**

- a. NDMA approached by GBDMA (27 July 09) to conduct survey of Attabad.
- b. GSP (28 July 09) conducted the survey.
- c. Attabad was declared 'High Hazard Area' on 16 Sep 2009.
- d. Village inhabitants (103 families) evacuated well before the incident.
- e. Landslide (Attabad) at 1400 hrs on 4th January 2010.

2. **ATTABAD**

- a. Occurred on 4th Jan 2010 & blocked River Hunza
- b. Inundation blocked KKH and isolated Upper Hunza
- c. Deaths - 20
- d. Injured - 8
- e. Houses Damaged - 381
- f. Villages affected - 36
- g. Length of KKH under water - 25 km
- h. IDPs - 12954
- i. No of IDP Camps - 25

3. **CATEGORIES OF AFFECTEES**

- a. Villages of Attabad and Sarat rendered inhabitable
- b. Blockage of River Hunza and KKH
- c. Isolation of Upper Hunza
- d. Inundation of Upstream Areas and submergence of KKH
- e. Closure of strategic Land/Trade Route with China
- f. Loss of Livelihoods in Upper Hunza
- g. Threat to Downstream Areas

4. **RELIEF EFFORT**

- a. Led by Govt of GB / GBDMA / Distt Govts
- b. Supported by the NDMA on behalf of Fed Govt
- c. **Assisted by**
 - (1) Army (FCNA, FWO, Army Aviation)
 - (2) NGOs (FOCUS, Muslim Aid, Helping Hands, PRCS, Bahria Town Foundation, Peace, Pakistan Navy, Punjab Medical Teams)
 - (3) UN Agencies and AKF Agencies
 - (4) Technical assistance by NESPAK, FWO, WAPDA, NHA and FOCUS

5. **NDMA SUPPORT**

- a. **Relief Support**
 - (1) Provision of relief from Govt and through Chinese Govt
 - (2) Aviation support
- b. **Provision of boats**
 - (1) Provision of 2 x 50 tons ferries
 - (2) Warm clothing (5 x truck load)
- c. **Financial Support**
 - (1) Compensation for dead and injured
 - (2) Distribution of PM's relief package through GB Govt
 - (3) Compensation for business losses
- d. Coordination with FWO & NHA responsible for technical aspects.

6. **PM RELIEF PACKAGE**

- a. PM Relief Package for an amount of Rs 315 million was announced by Prime Minister on 26 May 2010.
 - (1) Rs 200,000 per household to all those who lost their land.
 - (2) Rs 400,000 for completely destroyed house and Rs 160,000 for partially damaged house.

- (3) Livelihood cash grant of Rs 5,000 per family per month to those who lost their houses for six months.
- b. Wheat and flour dumped by the GB Govt in Upper Hunza distributed free of cost to affected population for the months of June and July 2010.
- c. Arrangements for disbursement of relief amount through the UBL.

7. **EXPERT STUDIES**

- a. Detailed Dam Break Study by NESPAK.
- b. Study by Mr. Alessandro Palmieri, World Bank Lead Dam Specialist.
- c. Study by Professor David Petley, International Landslide Centre, Durham University, United Kingdom.

- d. Report on Post Disaster Threats in Attabad and Adjacent Areas, Hunza Valley, by Geological Survey of Pakistan.
- e. Detailed study by US Dam Experts (Mr. Frederick P Ehat and Mr. Perry Jno Hensley) from US Bureau of Land Reclamation.

8. **CURRENT SITUATION**

- a. No IDPs in camps
- b. Affected families living in hired / relative's houses
- c. PM' Relief Package distributed to 457 families through Watan Card
- d. Spillway Status
- e. 30 M deep spillway required to enable NHA to reconstruct / restore KKH (preferred option) - Desired level reached
- f. FWO completed 30 m lowering of water
- g. A ferry service is run in the Attabad Lake (42 x Boats and 5 x Rafts)
- h. Pvt Boats - 35
- i. NATCO - 2
- j. Engrs - 3 x Rafts
- k. CBRC - 2 x Rafts
- l. Speed Boats - 5
- m. Attabad lake is frozen during winters and therefore the ferry service is suspended. During this period two actions are taken:-
- n. Helicopter is usually coordinated through Cabinet Division for emergency services
- o. Ration/relief assistance provided through China (For the last three years ration/relief assistance was provided through China)
- p. For the year 2013 - 2014, Pakistan will provide relief to the affected population