



Islamic Republic of Afghanistan

Afghanistan National Disaster Management Authority (ANDMA)
Regional Workshop

On

Geo-referenced information system for improving disaster risk
preparedness and management in Asia and the Pacific

Thailand

June 26-27, 2014

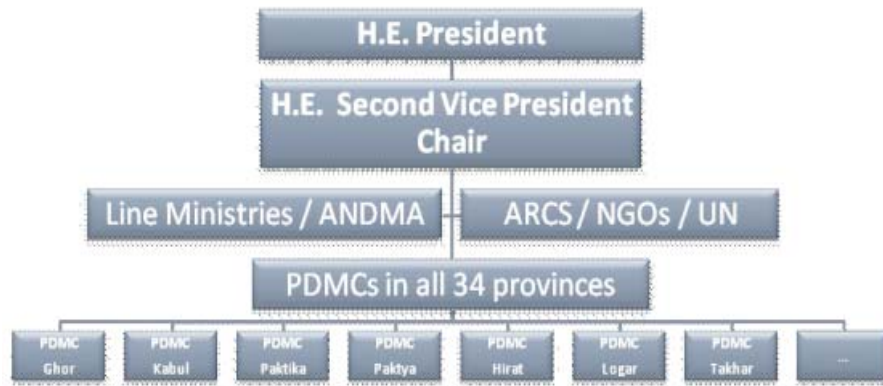
By: M.Nasim Abrahimi
Training General Manager. ANDMA

Background



- Afghanistan National Disaster Management Authority (ANDMA) was established in 1971.
- The Role of ANDMA is to coordinate and manage disaster related affairs.
- ANDMA Acts as the Secretariat of the National Disaster Management Committee (NDMC) and Provincial Disaster Management Committees (PDMC).
- Provincial Disaster Committees are set up in all 34 provinces.
- ANDMA Formulates and execute policies, strategies , Plan and monitoring the progress.
- Strengthening coordination with line ministries and the Humanitarian community.

Coordination Mechanism



Types of Disasters in Afghanistan

Drought



Flood



Avalanche



Con...

Earthquake



Extreme weather



Landslide

Con...

Sandstorms

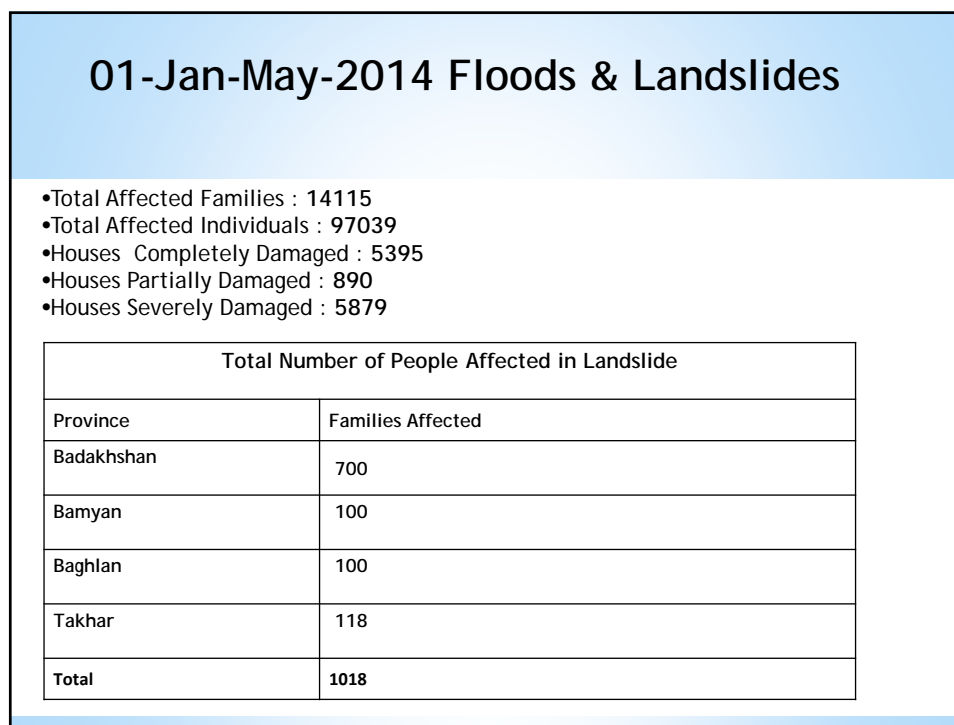
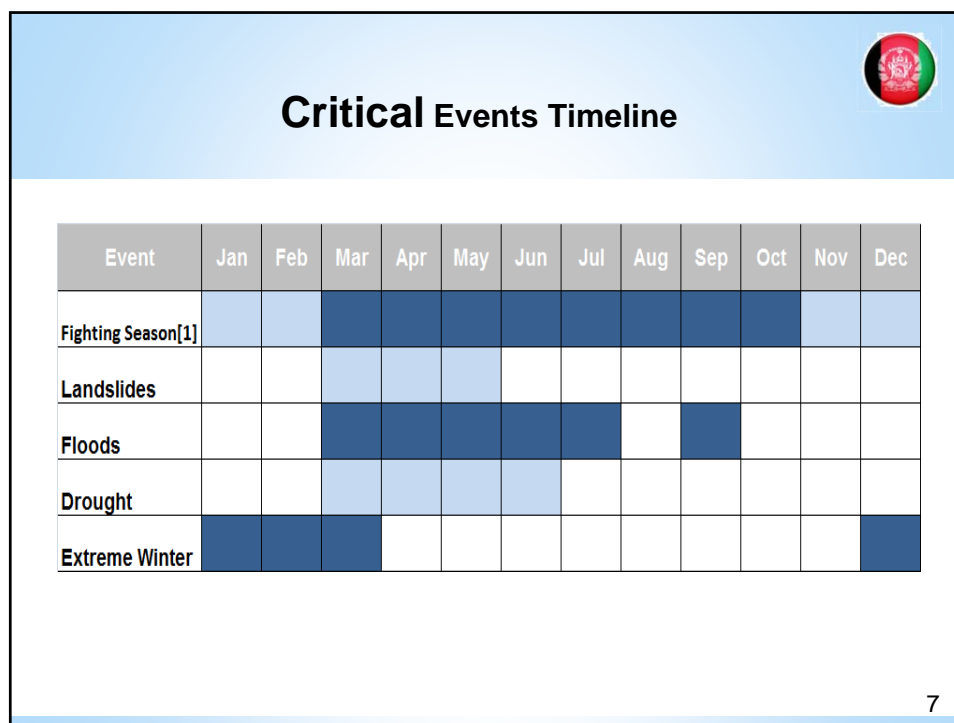


Man made disaster



Fire





Recent Flash Floods

Province	Number of Districts Affected	Persons Killed	Families Affected	Houses Damaged*	Houses Destroyed*
Jawzjan	3	65	3,700	-	100
Faryab	9	39	2,432	-	-
Sar-e-pul	4	27	2,339	1,911	666
Balkh	1	0	414	414	-
Bagdghis	3	19	306	100	41
Hirat	2	0	180	35	8
Samangan	1	-	128	104	24
Badakhshan	2	-	56	-	30
Baghlan	1	0	24	17	7
Takhar	1	0	8	8	-
Grand Total	27	150	9,587	2,589	876

* Absence of data likely due to pending assessments rather than no damage.

9

Response

Country	Assistance Provided
Afghanistan Government	Cash , Food and None Food Items
Azerbaijan	Food and None Food Items
Japan	Food and None Food Items
Pakistan	Food and None Food Items
China	Cash
Korea	Cash
India	Cash
Turkey	Food and None Food Items
Kuwait	Food and None Food Items
UAE	Food and None food Items
Saudi Arab	Food and None Food Items
UN	Food and None Food Items
International NGOs & NGO	Food and None Food Items

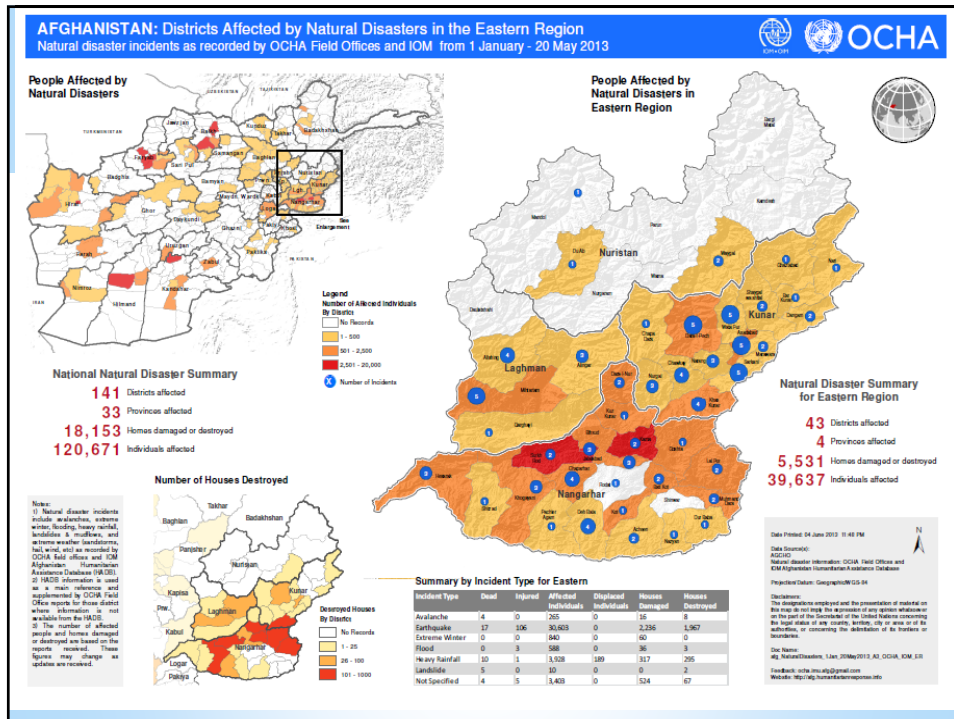
Information Management

Data collection from the field:

- ANDMA primarily uses cell phones and Internet.
- Shares information with government and Humanitarian agencies operating in Afghanistan as needed.

Building Emergency Coordination Centers (planned)

- To collect, analyze and map information(Currently ANDMA receives information from UNOCHA, IOM, IMMAP etc.,)
- Strengthen coordination with line ministries and the Humanitarian community.



Challenges

- lack of resources covers all aspects of DRR, from infrastructure remediation to information management.
- Lack of Modern instruments and tools (GIS, GPS, internet, etc.) to fill the gaps in disaster management information system supply chain present in Afghanistan.
- Shortage of sufficient Human Capacity in Information and communication Technology. **lack of early warning systems**, including earthquake detection, satellite imagery and other advanced technology.
- Limitation in relief stocks, insufficient food and non-food items in emergency situation.
- Insufficient facilities for search and rescue i.e. heavy machinery, fire-fighting trucks and tankers.

Looking Forward



- Build fully functional Information Management System & Identifying operational Gaps present at country level.
- Vulnerabilities Assessment to be conducted throughout the country.
- Capacity building and Strengthening of provincial disaster management offices with needed equipment's.
- Disaster Risk Reduction awareness at Province - District - Community levels is significantly needed.
- Prevention and Mitigation Projects should be conducted on a regular basis.

Capacity Building Needs

- Capacity building in rapid assessment, search and rescue team training, imagery analysis and seismic detection instrument utilization.
- Training of rapid response and assessment personnel, search and rescue personnel, Information Management and satellite image analysis teams.
- Training of personnel in emergency medicine, first-aid and care, and recovery in remote disaster prone areas.

GEO *PORTAL*

Implementation of Geo Portal

- ANDMA received two Trainings on the Implementation of Geo- referenced Information Systems for Disaster Risk Management . 24-28 March and Oct -1 Nov 2013

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index?reportId=5_5383

