



*Islamic Republic of Afghanistan
Afghanistan National Disaster Management Authority*

Disaster Management System in Afghanistan

Disaster Risk Reduction in SAARC Region

April 26-27, 2018

Gujarat India

Country Risk Profile

Country Risk Profile

- **Located in an area of high-seismic activity,**
- **Extreme climate and harsh geo-physical conditions**
- **Climate change and Environmental Degradation**
- **More than three decades of conflict has caused huge human loss, resulted in:**
 - **More than 5 million refugees,**
 - **Infrastructure damage, and**
 - **Slow developmental progress**

Country Risk Profile

- **Afghanistan is prone to natural disasters:**

- **Earthquakes**
- **Flooding**
- **Droughts**
- **Landslides**
- **Avalanches and**
- **Sandstorms**

- **Afghanistan is prone to Man-made disasters:**

- **conflicts**
- **IDPs**
- **Plane crash**
- **Traffic incidence**
- **Fires**
- **Attacks, war...**

Afghanistan – World Risk Report 2016

Lack of coping capacities

dependent on governance, medical care and material security

Lack of adaptive capacities

related to future natural events and climate change

Exposure






Exposure of the population to the natural hazards earthquakes, storms, floods, droughts and sea level rise.

Vulnerability

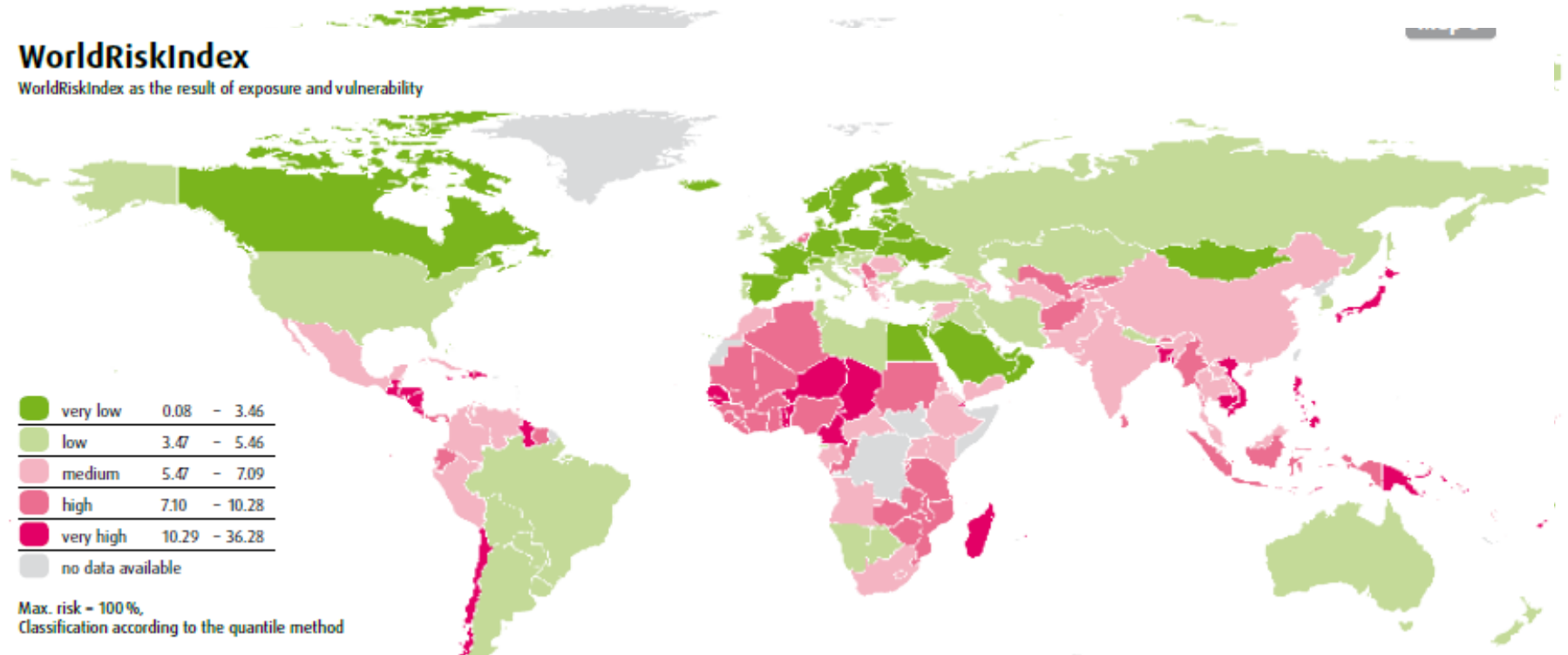
Vulnerability of society as the sum of susceptibility, lack of coping capacities and lack of adaptive capacities

WorldRiskIndex

WorldRiskIndex as the result of exposure and vulnerability

	very low	0.08	-	3.46
	low	3.47	-	5.46
	medium	5.47	-	7.09
	high	7.10	-	10.28
	very high	10.29	-	36.28
	no data available			

Max. risk = 100%
Classification according to the quantile method



Afghanistan – World Risk Report 2016

The 15 countries with the highest lack of coping capacities worldwide

Country	Lack of C.C. (%)	Rank
Afghanistan	92.85	1.
Sudan	92.80	2.
Haiti	91.24	3.
Yemen	91.24	4.
Chad	91.09	5.
Central African Republic	90.60	6.
Guinea-Bissau	89.93	7.
Guinea	89.73	8.
Eritrea	89.47	9.
Iraq	89.42	10.
Zimbabwe	88.22	11.
Nigeria	88.15	12.
Uganda	87.99	13.
Burundi	87.71	14.
Myanmar	87.00	15.

The 15 countries with the highest lack of adaptive capacities worldwide

Country	Lack of A.C. (%)	Rank
Eritrea	72.24	1.
Central African Republic	69.13	2.
Djibouti	68.11	3.
Niger	68.11	4.
Afghanistan	67.48	5.
Liberia	66.70	6.
Chad	66.42	7.
Benin	66.06	8.
Sierra Leone	65.55	9.
Guinea-Bissau	64.38	10.
Mali	63.58	11.
Guinea	62.70	12.
Haiti	62.49	13.
Pakistan	62.48	14.
Burkina Faso	62.11	15.

The 15 countries with the highest vulnerability worldwide

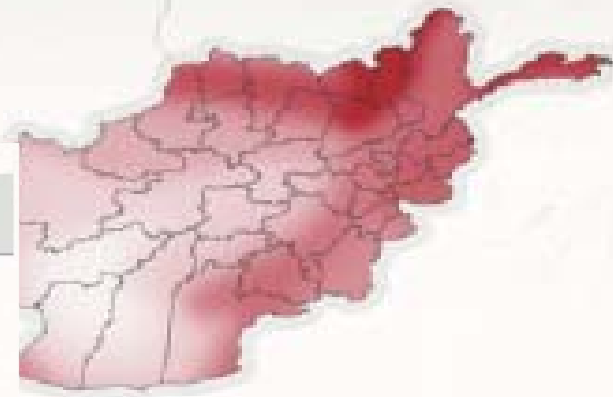
Country	Vuln. (%)	Rank
Central African Republic	74.80	1.
Eritrea	74.23	2.
Chad	72.86	3.
Afghanistan	72.12	4.
Haiti	71.85	5.
Liberia	71.54	6.
Niger	70.80	7.
Sierra Leone	69.69	8.
Madagascar	69.52	9.
Guinea-Bissau	68.99	10.
Mozambique	68.28	11.
Guinea	68.21	12.
Burundi	67.98	13.
Sudan	67.37	14.
Zimbabwe	67.24	15.

National Hazard Maps

Flood



Earthquake



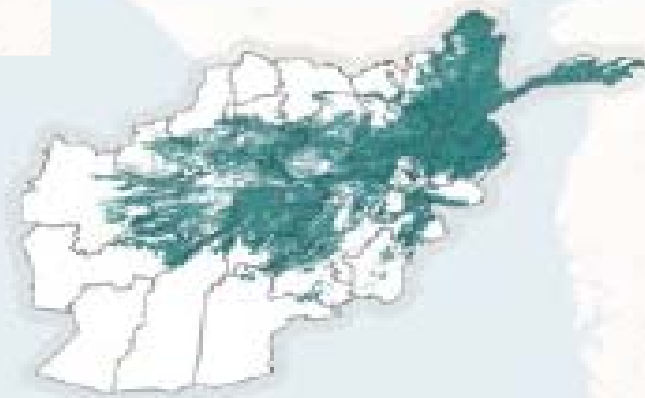
Landslide



Drought

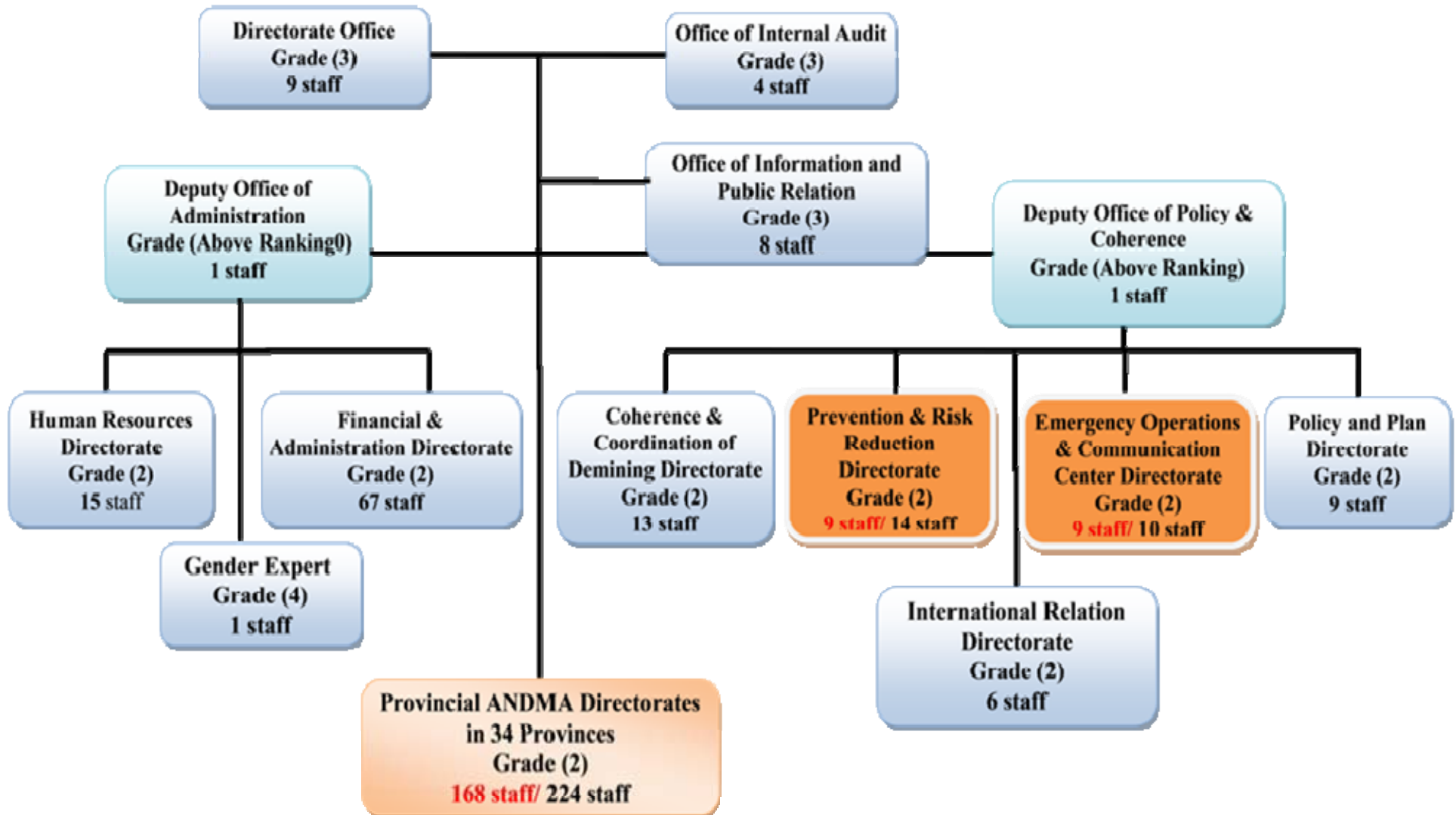


Avalanche



DRM in Afghanistan

**State Minister
Disaster Management and
Humanitarian Affairs**



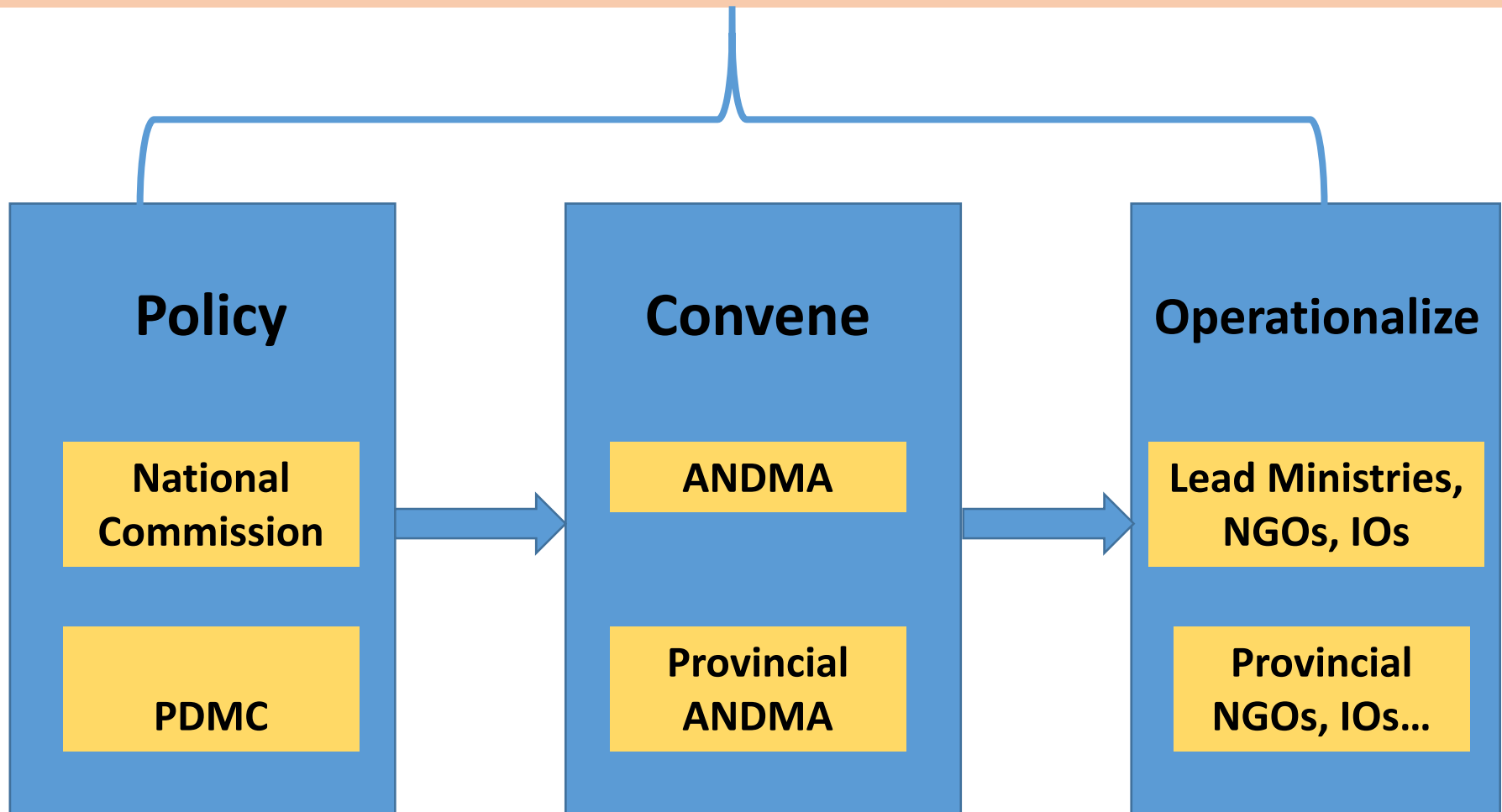
DMS in Afghanistan

Current

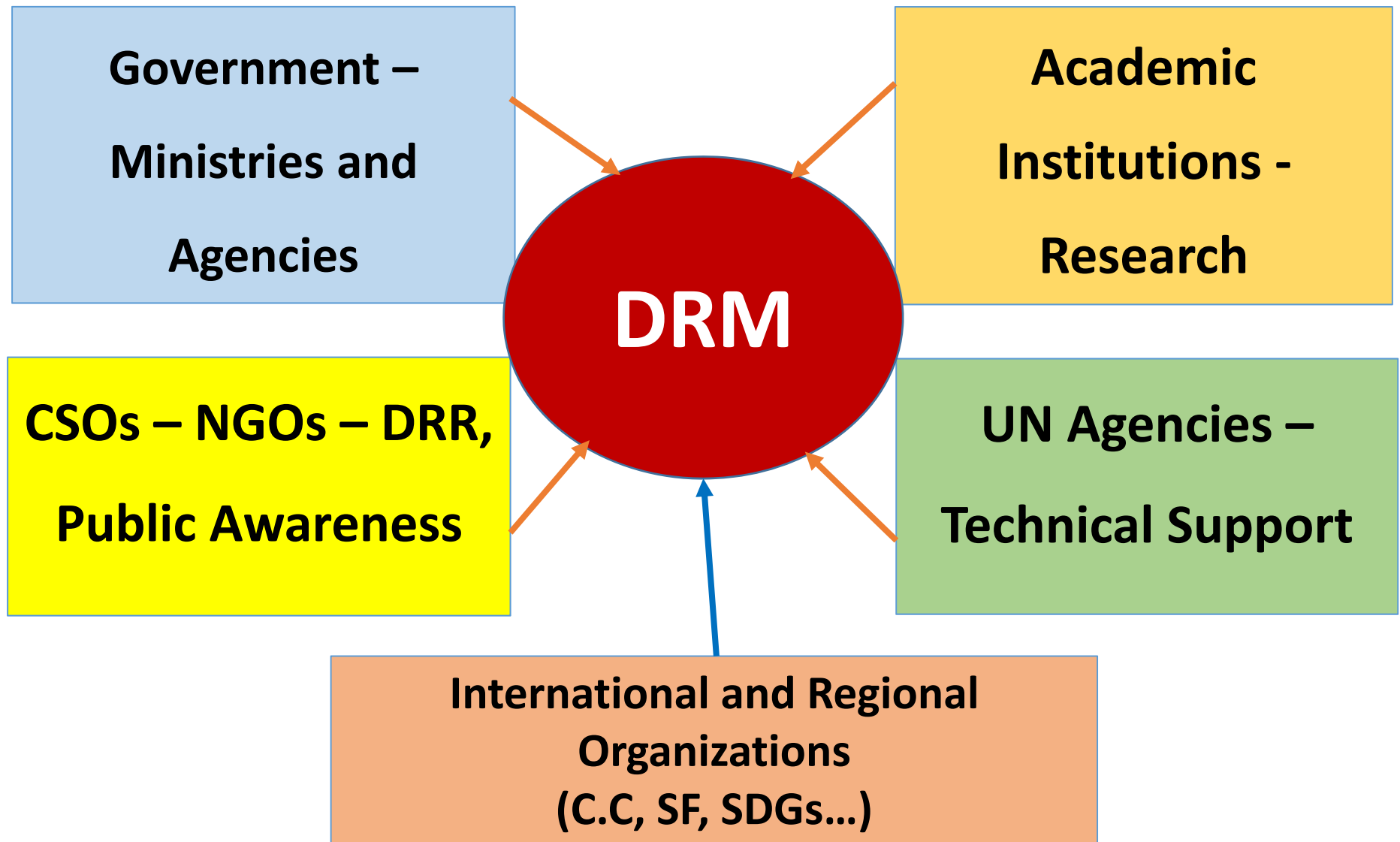
- **Institutional Arrangement**

- a) **National Disaster Management Commission (NDMC)**
- b) **Provincial Disaster Management Commission (PDMC)**
- c) **District Level Disaster Management Commission (DDMC)**
- d) **Local – CDCs, NGOs, CSOs,..**

Coordination Mechanism

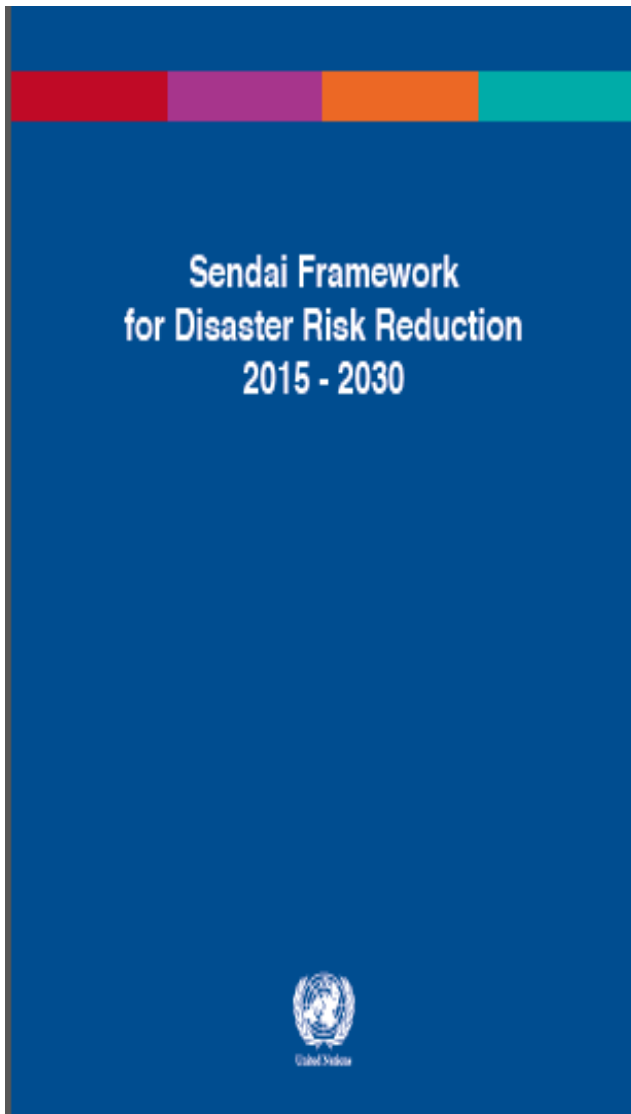


Stakeholders



Achievements and Way Forward

Sendai Framework



- **Sendai Framework – 2015 – 2030**
- **Country Status Report**
- **Implementation Roadmap for SFDRR**
- **National Consultation Workshops – February, August, November 2017**
- **Core Team for Roadmap Development**
- **Orientation and Capacity building Programs**
- **Translation of SFDRR**

WB – DRM Project

- **Funded by World Bank – 2015**
 - 1. Country Risk Profile**
 - 2. Hydrometeorological Services and EWS**
 - 3. Capacity building of Stakeholders**



| Afgh

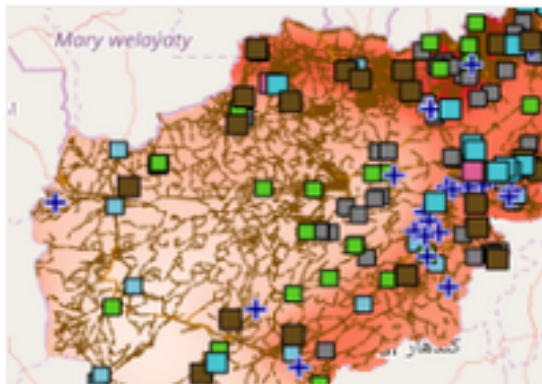
A publ
disaste



Avalanche hazard to infrastructure

This map shows avalanche hazard in combination with roads, bridges, airports, dams and power plants.

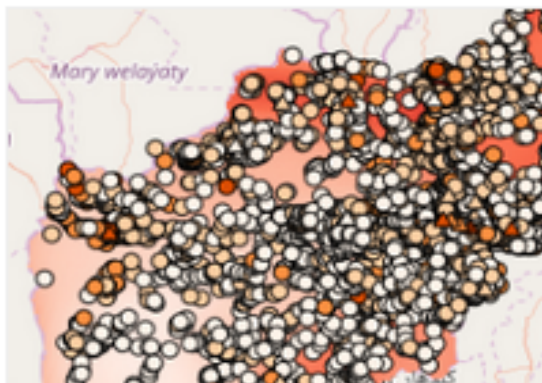
admin 3 Aug 2016 74 0 0 View Map



Earthquake hazard to infrastructure

This map shows earthquake hazard in combination with roads, bridges, airports, dams and power plants.

admin 3 Aug 2016 81 0 0 View Map



Earthquake hazard to schools

This map shows earthquake hazard and the distribution of educational facilities (primary schools, secondary schools, high schools and universities)

admin 3 Aug 2016 141 0 0 View Map

WB – DRM Project

- **Strategic Framework for ANDMA**
- **Capacity Assessment of ANDMA**
- **Coordination Mechanism**
- **Capacity analysis**
- **Analysis of challenges and solutions**

Nat. Disaster Management Information System

- **Funded by Japan and implemented by – IOM**
- **Development and installation of the database in 10 Provinces**
- **ANDMA Website is developed**
- **Capacity building programmes ongoing**

Ongoing Activities

- **National DRM and Humanitarian Response programs**
- **NGOs DRR Working Group is established**
- **UN DRR Working Group is established, Jun, Oct, 2017**

Thank you

Q&A

