

Natural Disaster in Afghanistan



UN-Habitat Afghanistan



Afghanistan Basic Data



Google map

Land: 652,225 km² (1.7 times of Japan)

Population: 32 million (2015)

Ethnic Group: Pashtun (42%), Tajik (27%), Uzbek (9%) Hazara (8%) (2004-2014)

GDP per capita: US\$ 666/1892 (2014)

Real GDP growth: 2.5% (2015)

Inflation rate: 5.0% (2015)

Human Development Index: 169/187 (2014)

Poverty: 35.8% (2011-12)

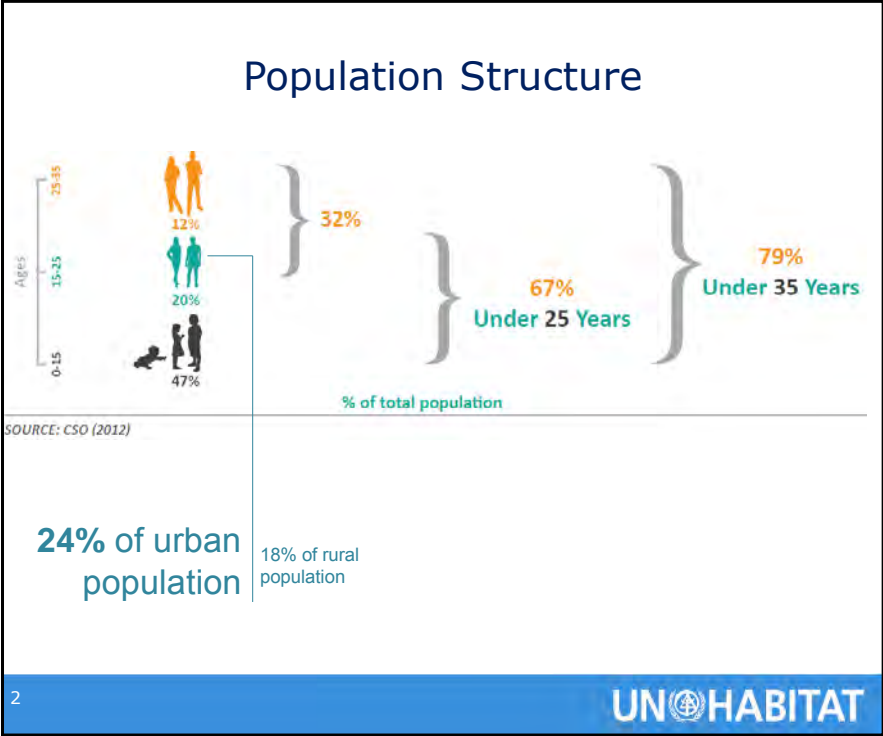
Literacy Rate: 38% (2014)

Life Expectancy (at birth): 61 (2014)

Mortality rate: 71 per 1,000 live birth (2014)

World Bank, UNDP, CIA





Disasters Profile in Afghanistan 2000-2015

Disaster Type	Total deaths	Total affected	Events count
Avalanche	613	6,476	7
Flash Flood	512	163,516	4
Riverine Flood	459	112,676	12
Earthquake	212	133,838	4
Storm	84	5	2
Landslide	76	1,500	2
Severe Winter	45	68	1
Drought	0	1,750,000	1

EM-DAT, UNOCHA

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Issues for Resilience

Policy level

- Science-based Risk Assessment
- Resilient City Planning
- Enforcement /Incentive Mechanism of Building Code

Non-Structural Measures

- Early-Warning System
- DRR Education
- Community Preparedness

Structural Measures

- Improvement/Introduction of Key Infrastructure (e.g. improvement of river bank, retention wall, small dams)
- Improvement of Building structure (Public/Private building)

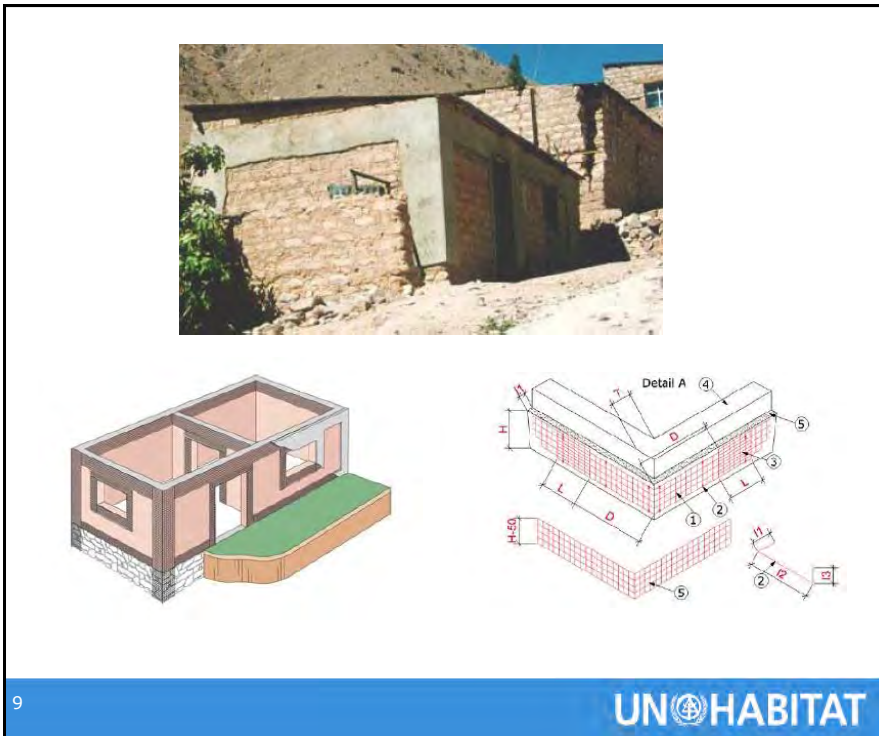
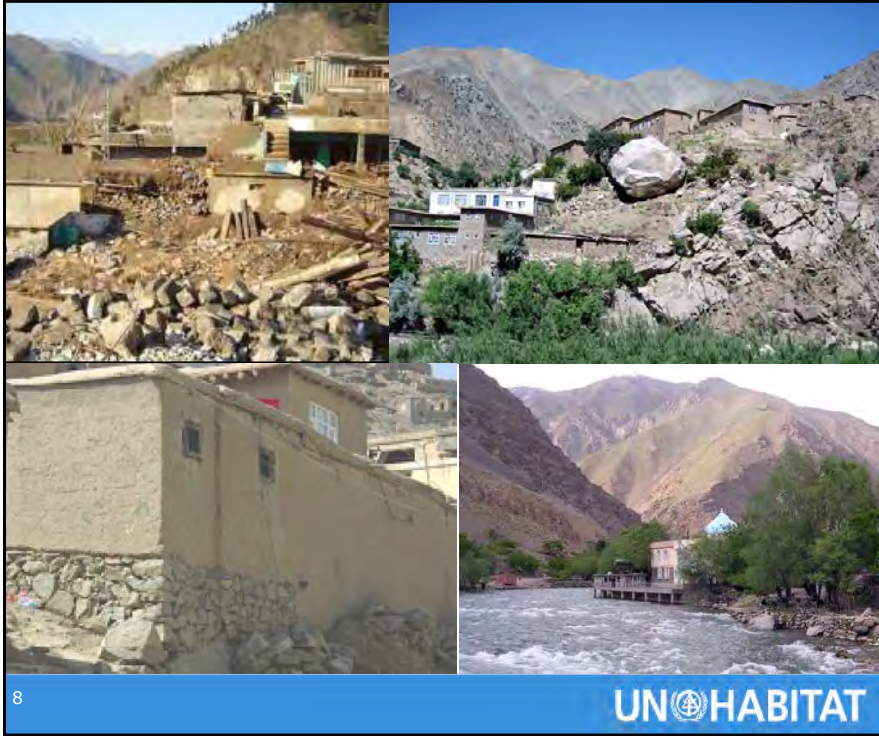
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Ideas for Potential Partnership with Japan

Policy Level:

- Introduction of Good Practices of City Resilience Action Plan
- Introduction of Enforcement/Incentives Mechanism for Building Code

Community level:

- Good Practice of Community DRR including Introduction of Applicable/Affordable Technology for Preparedness/Emergency

Technical Aspect:

- Affordable/ Applicable Technology
 - For Housing Structure Improvement (new building/ retrofitting)
 - Preparedness Equipment (e.g. bio-toilet, solar-power, water purification equipment, small scale early warning system)