



Nepal :Experience, Gaps and Needs in Disaster Risk Reduction and Climate Change Adaptation Planning and Financing



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Nepal ... with multiple disasters



(Photo By: Pradeep Man Dangol / ICIMOD, 23 November 2012)



(Image Courtesy of Nagarik Daily, 18 June 2013)

One Disaster and Two Death per day in Nepal, in an average of 35 years data, DisInventar





Major Disasters in Nepal

- | | |
|---------------|-----------------------------------|
| 1. Flood | 7. Drought |
| 2. Landslide | 8. GLOF |
| 3. Earthquake | 9. Avalanches |
| 4. Epidemics | 10. Windstorm |
| 5. Fire | 11. Thunderbolt |
| 6. Hailstone | 12. Cold-waves and loo (Hot-Wind) |

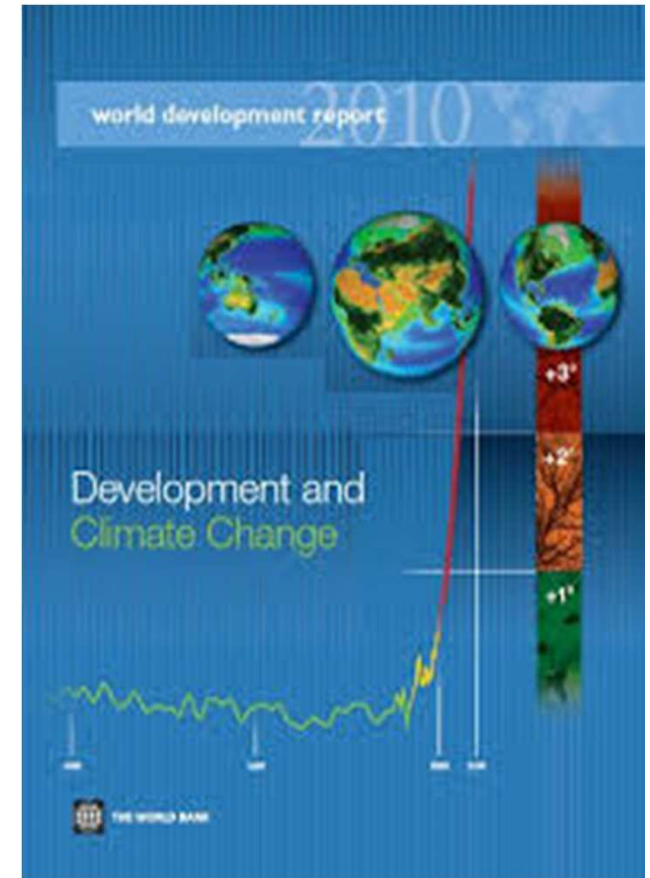
Frequent Disaster : Landslide and Flood..

Earthquake is likely to happen !!!!



Nepal's vulnerability to natural hazards; ...The Reality

- Nepal Ranks 11th- in terms of Earthquake (GRIP/BCPR/UNDP , Study Report by NSET)
- 6th to climatic hazards (UNDP-2004 “Reducing Disaster Risk”), now it's 4th
- 30th in terms of floods: (UNDP / BCPR, 2004)
- Kathmandu, 21st most vulnerable city of the world;
- Natural Disaster HOT SPOT: Nepal (World Bank, 2005)
- In an average: “1 disaster and 2 deaths per day” (DesInventar data base 1971 - 2007, MoHA - www.desinventar.net)
- Nepal lies on Seismic Active Zone, according to Geological Study



Major Past Natural Disasters



- The great earthquake of 1255 has damaged palaces, temples, and houses in the Kathmandu Valley and killed one-third of its population. The reigning monarch, Abhaya Malla, had died six days after the earthquake as a result of injuries sustained during the event.
- 1934 (1990 BS) Great Earthquake with magnitude of 8.4 on the Richter scale, leaving 8519 people losing the lives
- 1988 (2045 BS), Udayapur Earthquake with 721 deaths, 6553 people injured, 64174 private buildings, 468 public houses, 790 government buildings damaged

Koshi Flood 2008

- 2008 Big Flood at Koshi River/River embankment collapse, living 2.7 million people affecting (both at Nepal and India) and around 200 people death
 - Rescue and Relief Standards, 2007 (1st revision in 2008 and 2nd in 2012 Jun)
 - Prime Minister Disaster Response Fund Guideline 2006, (1st revision in 2008)
 - PM Natural Disaster Response Fund (from 2006) activated intensively
 - Disaster Related Funds at Line Ministries, in process of creation from 2008
 - National Strategy for DRM, 2009
 - The Cabinet at OPMCM takes active role from 2008
 - National Risk Reduction Consortium (NRRC) 2009-2014, chaired by Home Secretary from 2009
 - Five Flagship Program 2009-2014 from 2009
 - Rescue and Treatment Sub-committee chaired by Health and Population Minister play active role from 2008
 - Supply, Shelter and Rehabilitation Subcommittee, chaired by Urban Minister play active role from 2008
 - National Platform on Disaster Risk Reduction, 2008
 - National Emergency Operation Center at National Levels and Regional/District Emergency Centers (EOCs) from 2010
 - SAHANA Program for data collection, processing and for dissemination from 2011
 - Publication of Disaster Report started, till date the reports are of 2009, 2011, 2013
 - Disaster Preparedness and Response Plan (DPRP) Guideline, 2011
 - Local Disaster Risk Management Guideline, 2012

Major Recent Natural Disasters



Flood in Mahakali River at Darchula in 2013

Flood in 2013, Swapped a major part of residential land at the district headquarter Darchula



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2013/06/17, Because of heavy rain, two night continuously flooded in Mahakali River, swapped 156 houses just in district headquarter Darchula. Floods and landslides caused by heavy rains in May 2013 hit 29 districts of Nepal. A total of 69 people were killing, 29 people injured and 2,079 families (approximately 12,474 people) were displaced due to the flood and landslide in 2013 (NDR, 2013).

Major Recent Natural Disasters



Food at Seti River, near
around 30 small



2012 (May), a big fire in Siraha District, burning around 1000
houses affecting 2063 people



landslide, affecting around thousands of people in upper and lower river stream



main commercial road blocked to China for almost one month.

预览已结束，完整报告链接和二维码如下：
https://www.yunbaogao.cn/report/index/report?reportId=5_4505

