



Disaster RISK Management : Bhutanese Scenario

Expert Group Meeting (EGM) on Geo-referenced Information Systems for Disaster Risk Management (Geo-DRM) and sustaining the Community of Practice (COP), Bangkok, Thailand

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Presentation Outline

- 1. Country Profile : Bhutan
- 2. Background on Disaster Management Institution in Bhutan
- 3. Disaster Risks in Bhutan
- 4. GIS for Disaster Risk Management
- 5. DRM Challenges in Bhutan
- 6. Support role of ESCAP
- 7. Conclusion



- Small, mountainous, landlocked country in South Asia
- located in the eastern Himalayas, bordered by India and China
- Government: Constitutional Monarch
- **Development Philosophy:** Gross National Happiness
- Size: about 46,000 Sq. Km with 70% forest cover
- Population: about 0.7 Million
- Capital City: Thimphu
- Altitude: Varies from 150m to 7570m above MSL
- National Language :Dzongkha
- Climate: Four seasons (Spring, summer, Autumn & Winter)

2. Background on Disaster Management Institution

- 2005 establishment of DM Division, MoHCA
- 2006 National Disaster Risk Management Framework adopted; guiding policy for DM
- 2007 Drafting of DM Bill
- 2008 Dept. of Disaster Management, MoHCA
- 2013 (February) DM Act enacted

Guiding Philosophy of DM Act, 2013

- Pre-planned vs Adhoc reactive approach
- Multi-Agencies vs Single Agency approach
- Decentralized vs Centralized approach





Earthquake

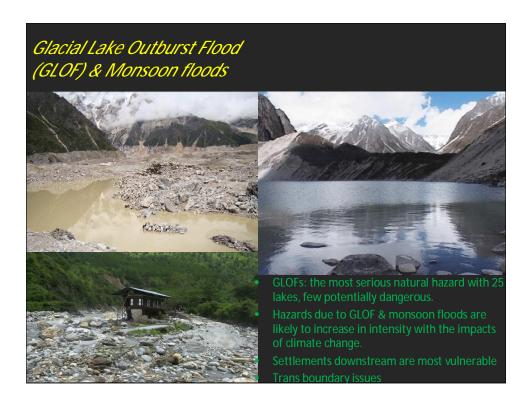
September 21, 2009 Earthquake (M=6.1)

- Affected 6 eastern districts out of 20 in Bhutan
- 12 lives lost

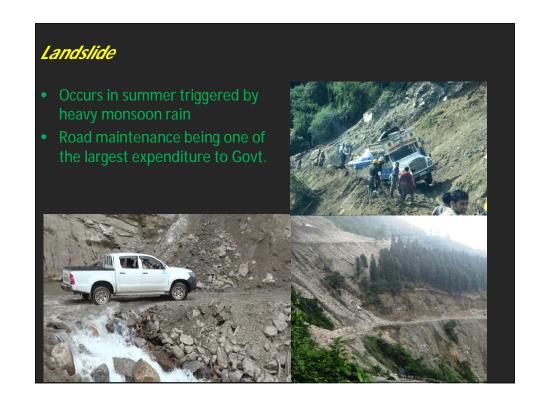


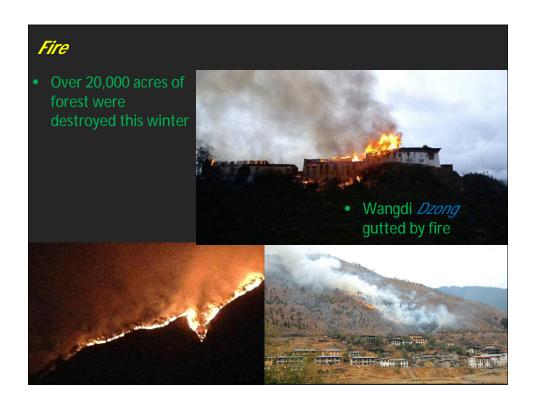


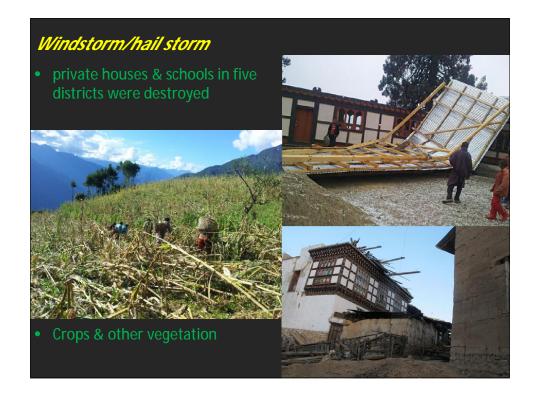
- Over 7000 people left without adequate shelter
- Estimated loss of over US\$54 Million: UNDP/World Bank Assessment Report















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_5489

