

COUNTRY PRESENTATION BHUTAN

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THU 'सेब' तर्चिया याबिटा। NATIONAL COMMISSION FOR WOMEN AND CHILDREN



Situation of Children





Current situation of children

Ī	Persons.		Source: P		
Age Group	Male	Percent	Female	Percent	Both Sex
0-4	29,176	50.80	28,298	49.20	57,474
5-9	32,035	50.90	30,956	49.10	62,991
10-14	34,656	50.30	34,296	49.70	68,952
15-18	27,912	50.60	27,250	49.40	55,162
0-18	123,779	50.6	120,800	49.4	244,579
All Ages	380,453	52.3	346,692	47.7	727,145
Porportion of Children (%)		32.5		34.8	33.6

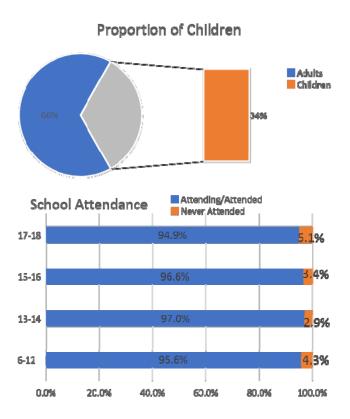
School Attendance for Persons Aged 6 years and above

	Population (6	Age Group			
School Attendance	years & Above)	6-12	13-14	15-16	17-18
Total Population	655,003	90,502	28,190	27,772	27,339
Currently Attending	192,562	94.0%	91.1%	89.3%	77.8%
Previously Attended	235,399	1.6%	5.9%	7.3%	17.1%
Never Attended	227,042	4.3%	2.9%	3.4%	5.1%

Primary Dropout Rate – (Annual Education Statistics 2017)

Boys 2% Girls 0.6 %

Total - 1.3 %

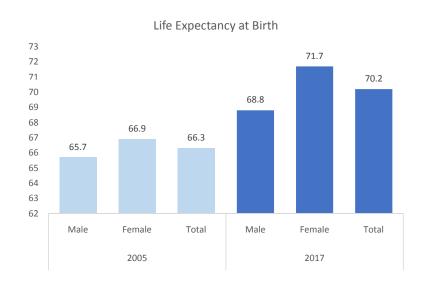




BOYAL GOVERNMENT OF BHUTAN मुजार्जाट्यालयान्युन्टरालाजेते स्वान्या



Health



Maternal Mortality Ratio (per 100,000 live births)	89
Total Fertility Rate (births per woman)	1.7

 97.2% births attended by health professionals (312 not attended by HP)



Overview of Disaster Management System

in Bhutan



Department of Disaster Management

Ministry of Home and Cultural Affairs

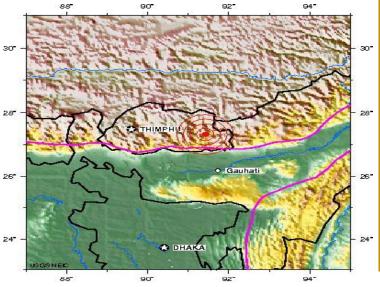
www.ddm.gov.bt

Child Care & Protection Act 2011 Ratified the Convention on Rights of the Child (May 23, 1990) www.ncwc.gov.bt

Hazards: EARTHQUAKE



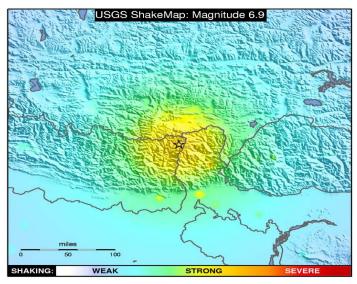
- High Risk
- Location in Seismic zone IV & V
- High likelihood of major earthquake



BHUTAN

2009 09 21 08:53:06 UTC 27.32N 91.42E Depth: 14 km, Magnitude: 6.1 Earthquake Location 21st Sept., 2009 – Mongar Earthquake Magnitude 6.1 (10 KM) Time 2:53 PM 12 people killed

18th September, 2011 – Sikkim Earthquake Magnitude 6.9 (19.7 Km)

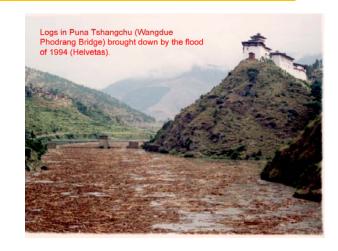


Map Version 3 Processed Tue Sep 20, 2011 08:01:13 AM MDT - NOT REVIEWED BY HUMA

GLACIAL LAKE OUTBURST FLOOD

677 glaciers and 2,794 glacier lakes
25 glacier lakes potentially dangerous

- 21 outburst cases in Bhutan (SATREPS Project, 2012)
- 4 cases of outburst in the last 40 years







FLOODS



- Recurrent Event

Eastern & Southern Region most vulnerable

Past events

- Phuentsholing & Pasakha Year 2000
- Eastern Bhutan Year 2004
- Cyclone Aila Year 2009 flood
- --July 2016 (Phuentsholing and Sarpang)







FIRES ON FOREST AND HUMAN SETTLEMENT

Forest fires

- Annual event
- 99.9 % manmade

Fires on Human Settlement

- Unsafe habits electrical wiring, temporary housing
- Use of wood

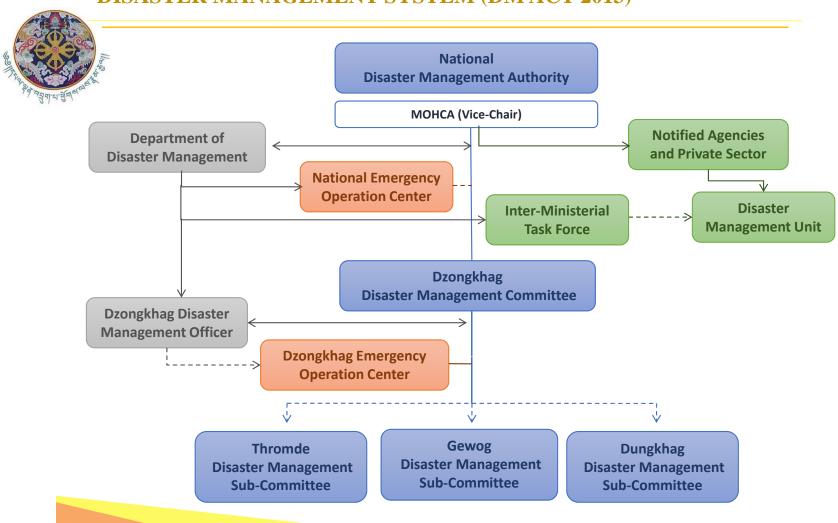
Other Hazards

- 1. Windstorms/ Thunderstorms/ Snowstorms/ Hailstorms
- 2. Epidemics, pests and diseases





DISASTER MANAGEMENT SYSTEM (DM ACT 2013)



Classification of Disaster Type I, II & III

A disaster shall be classified as Type I, if it:

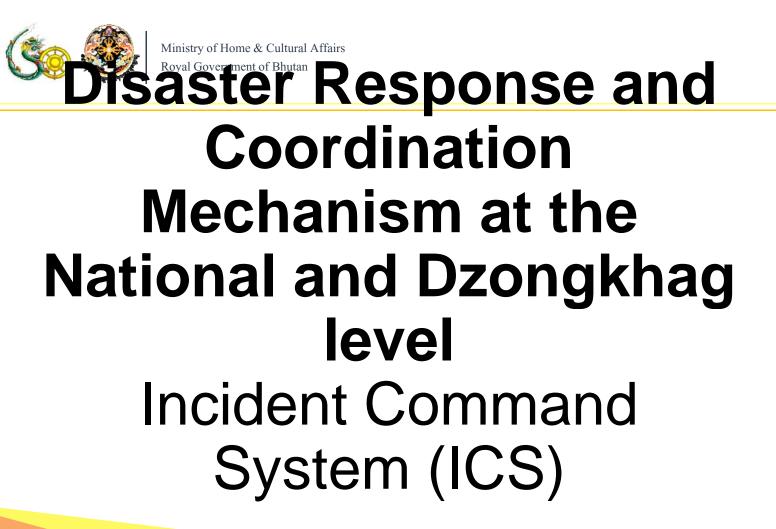
- a. Affects a City (Thromde) or Block (Gewog) or any part thereof
- b. Can be managed with available resources of the Gewog/Thromde

A disaster shall be classified as Type II, if it:

- a. Affects a District (Dzongkhag) as whole or in part or more than one Dzongkhag
- b. Can be managed with available resources of the Dzongkhag(s)

A disaster shall be classified as Type III, if it:

- a. It affects the nation as a whole or in part
- b. Severity and magnitude is so great that it is beyond available resources of the affected dzongkhag(s)

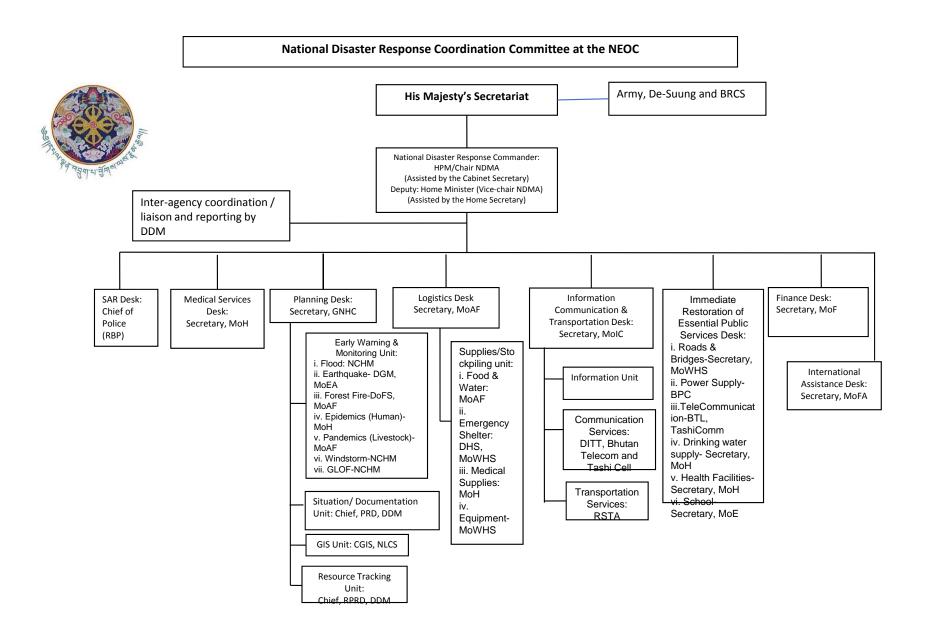


ICS is....

- Standardized, on-scene, all-hazards incident management system
- Integrated organizational structure that can match the complexities and demands of single or multiple incidents without being hindered by jurisdictional boundaries.
- Used on daily basis for routine incidents as well as major emergencies; activated at first response

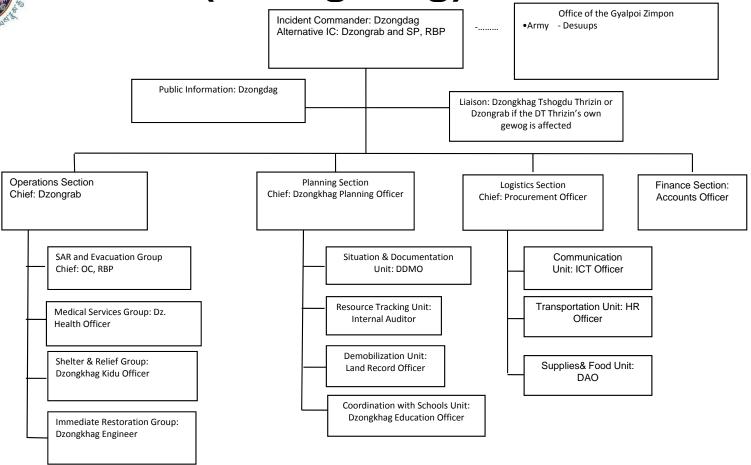
Disaster Response and Coordination Process at the National and Dzongkhag level

- National Disaster Response Coordination Committee (NDRCC) at the national level
- Incident Management Teams (IMT) at the Dzongkhag, Dungkhag and Gewog levels (prepared through consultation with the Dzongkhags)



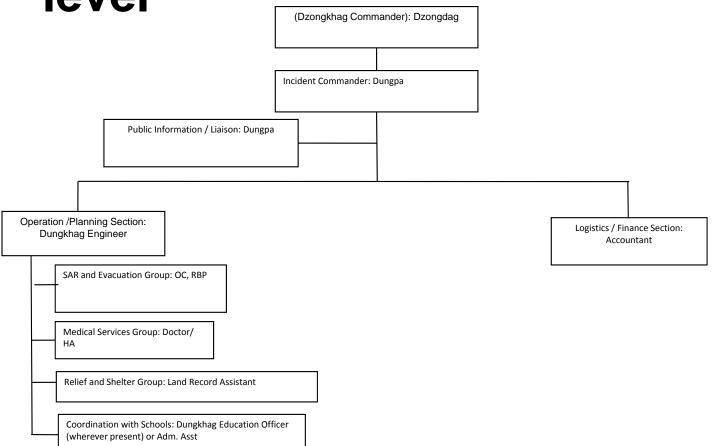


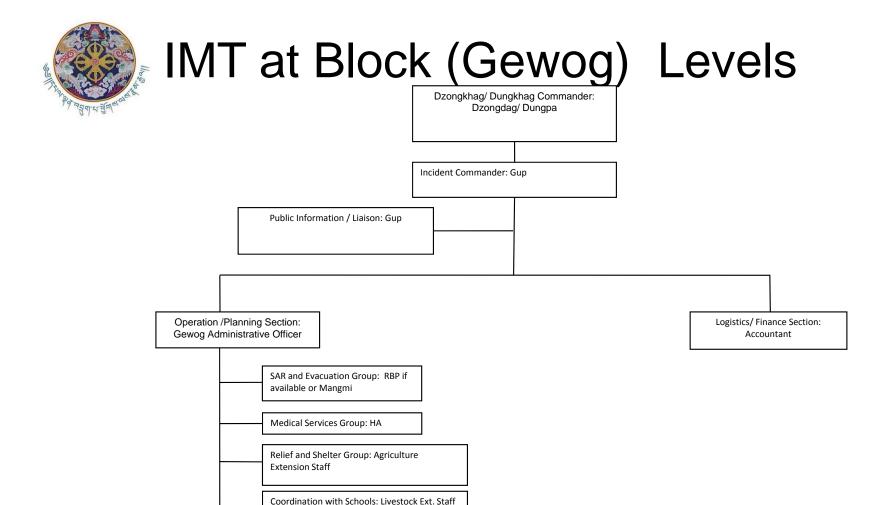
Incident Management Team at District (Dzongkhag) Level



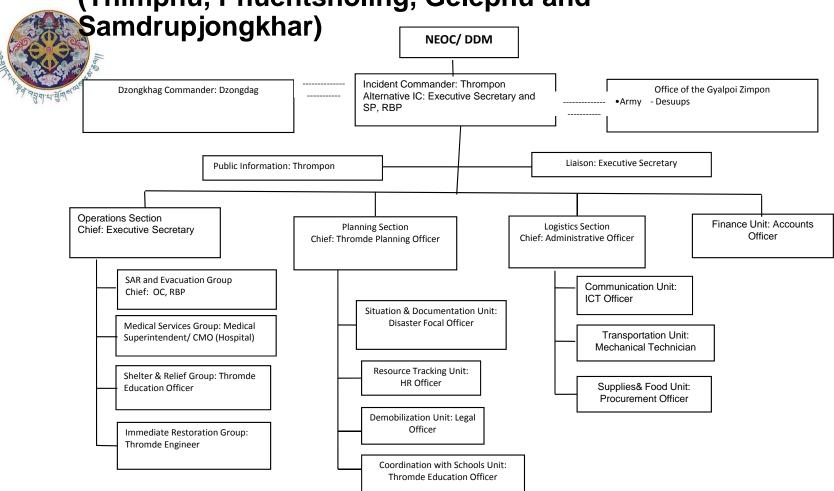


IMT at Sub-District (Dungkhag) level





(Thimphu, Phuentsholing, Gelephu and



Financial Arrangement as per the DM Act 2013

Budget for **Prevention, Mitigation and Preparedness**: to be mainstreamed into Annual and Fiver Year Plans of the sectors and Districts

The DM Act, 2013 provides DDMCs with the authority to meet expenses for **response and relief operations** from their annual budget

 Guidelines already formulated jointly with the Ministry of Finance.

For the purpose of **recovery and reconstruction**, the Act specifies DDMCs to carry out damage assessments of public assets and infrastructure and submit assessment and cost estimates to DDM for review and onward submission to NDMA.



Disaster Management in Education Sector



MINISTRY OF EDUCATION Disaster Management Unit ज्या देया



ABOUT US

DOWNLOAD

CONTACT

SCHOOL-WISE DATA

ECCD & NFE DATA

Home >

https://sites.google.com/a/moe.gov.bt/disasterunit/home/download

Download

- 1. Awareness Poster
- 2. Earthquake_Publication
- 3. Earthquake Safety in schools
- 4. Emergency Safety and First Aid Hand Book Dzongkha
- 5. Emergency Safety and First Aid Hand Book English
- 6. Non-Structural (Falling Hazards) Mitigation Manual
- 7. Fire_Safety_and_Protection_Tips
- 8. Safety_tips_for_flooding_event
- 9. DM_act_2013
- 10. Dm_rules_2014

- 11. Key Messages
- 12. Teacher's Handbook on DRR
- 13. Education DM Plan
- 12. Revised Teacher's Handbook on Disaster Risk Management
- 13. Safety girl for DRR awareness
- 14. Inclusive DRR poster
- 15. Inclusive DRR Metta Cards
- 16. EQ Story

Inclusive Disaster Preparedness – Wangsel Institute





School Disaster Management Plan

SI NO.	CONTENT
1	Table of content
2	School profile
3	Building information
4	School Disaster Management Committee
5	School Disaster Management Teams
6	Roles and responsibilities
7	Orgonogram
8	Risk assessments:HVCA
9	DRR Action Plan
10	Evacuation Route Map
11	SOP for Earthquake
12	SOP for Fire
13	SOP for Windstorm
14	SOP for SEN, Children with Special Educational needs
15	Individual Disaster Plan for SEN child, Children with Special Educational needs
16	SOP for Family Reunification

Inclusive Teaching Learning Material (TLM) – Earthquake story and song



One day Madam is reading a story to Dechen and her friends when everything starts to shake.



Fire! Fire!

Fire in the classroom, make a line (2) Fire in the classroom Go, Go, Go.



If your clothes catch on fire, Stop, Drop and Roll



If you are inside during a fire, Get down Low and Go, Go, Go. Fire in the classroom, make a Line (2) Fire in the classroom Go, Go, Go.



(To be sung in the tune of "Fire on the mountain")

Inclusive Teaching Learning Material (TLM) – Inclusive poster &

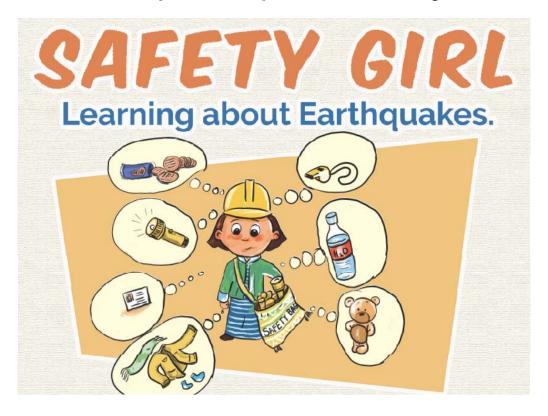




And HOLD onto the table.



Inclusive Teaching Learning Material (TLM) –Safety Girl





Inclusive Teaching Learning Material (TLM) – Video



CHALLENGES



- Increasing risks
- Low institutional and technical capacities
- Not all Dzongkhags/ Sectors have Disaster Management and Contingency Plans
- Insufficient mainstreaming of DRR and climate change
- Multi-sectoral coordination
- Lack of capacity and coordination to develop multihazard atlas
- Inadequate budget for recovery and re-construction

Recommendation



- Capacity building
- Strong coordination mechanisms
- Strengthened advocacy and awareness
- National SAR Training Unit and capacity development
- Emergency Operation Centers (EOC) at the national level and in all 20 district and emergency communication
- Multi Hazard Atlas
- Incident Command System to be made fully functional



THANK YOU Kadrinchey la