



ОНЦГОЙ БАЙЛАЛЫН ЕРӨНХИЙ ГАЗАР

MONGOLIAN GOVERNMENT REGULATORY AGENCY
THE NATIONAL EMERGENCY MANAGEMENT AGENCY

REMOTE SENSING AND GEO- INFORMATION SYSTEM APPLICATION in NEMA

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ОНЦГОЙ БАЙЛАЛЫН ЕРӨНХИЙ ГАЗАР

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2. Disaster types of Mongolia
3. Usage of Geo-portal in Mongolia
4. Introduction of Emergency management and warning center
5. Challenges of using Geo-DRM

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Background



Type of disasters and hazards

Natural disasters

Climatic hazardous phenomena

- Severe snowfall
- Dzud
- Dust storm
- Flood
- Steppe and forest fire
- Desertification
- Thunderstorm

Geological threats

- Earthquake
- Landslides

Biological threats

- Spread of detrimental rodents
- Human infectious diseases
- Livestock or animal infectious diseases

Manmade disasters

- Technological accidents
- Industrial accidents
- Traffic accidents
- Leakage of chemical and radiological substances
- Explosion
- Building fire

Social

- Public disorder
- Terrorist attack

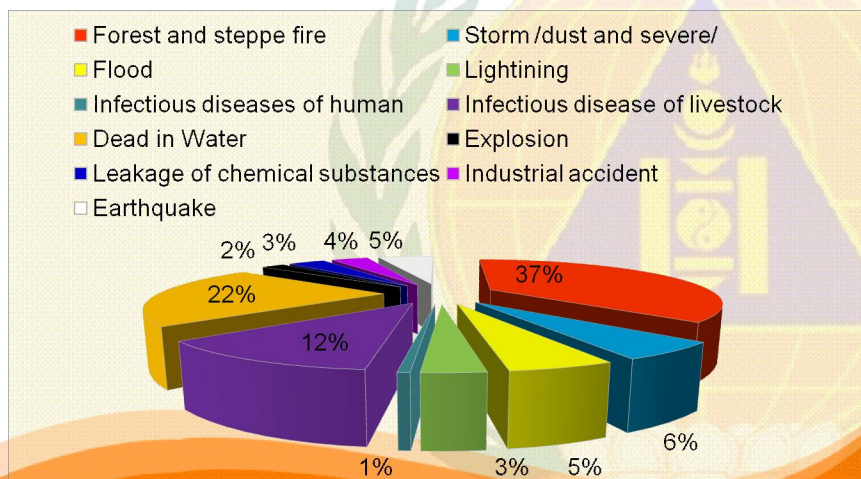


Disaster types in Mongolia

- Most common disaster types: drought, flood, dzud, snow and dust storms, forest and steppe fires.
- Type of disasters in Mongolia depends on season.
 - Dzud - from December to March,
 - Dust storms during April to May,
 - forest and steppe fire during March to October
 - Drought from June to August.

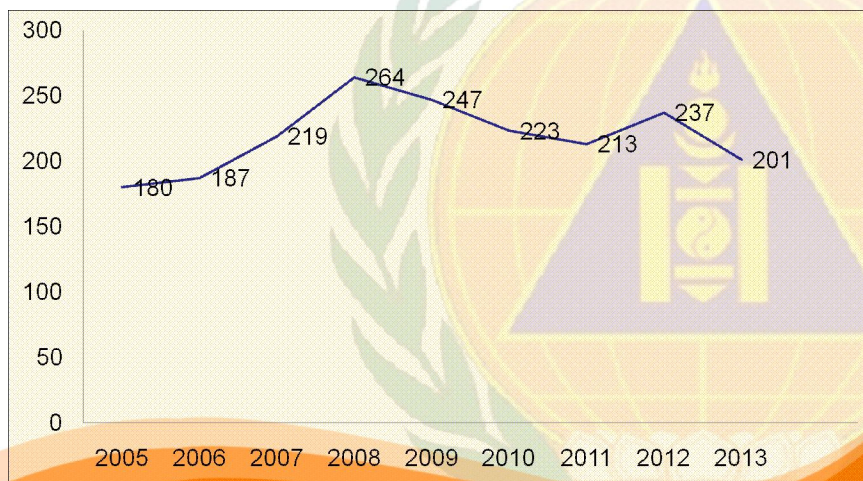


Number of disasters 2005-2013

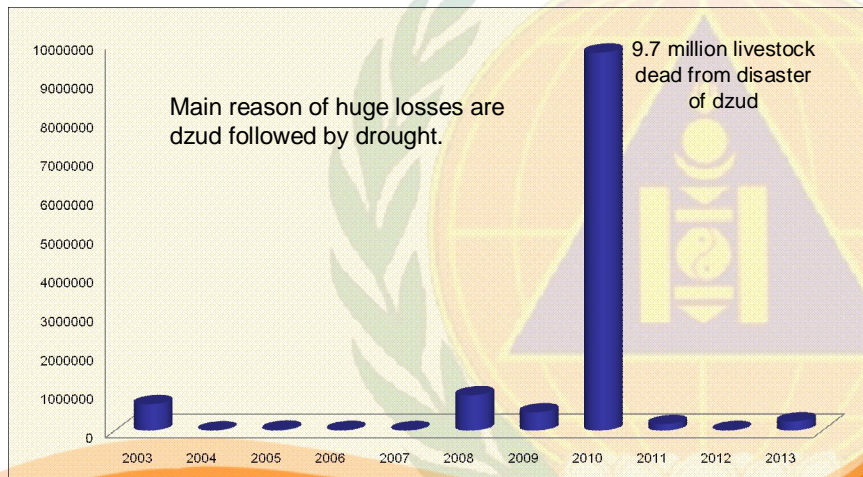




Human loss 2005-2013



The number of dead livestock





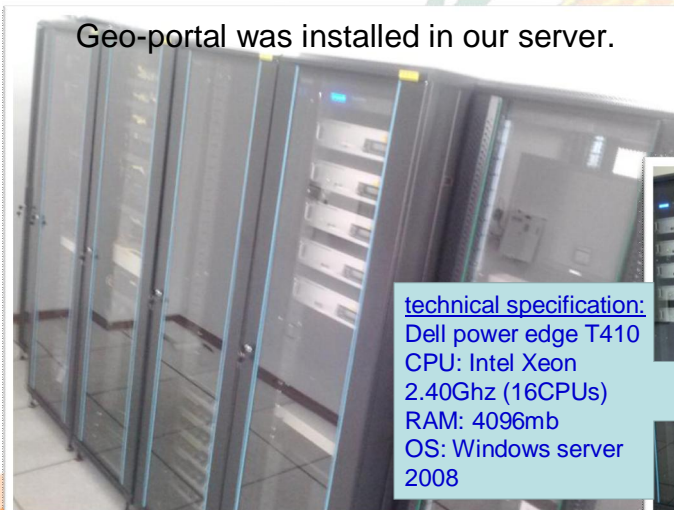
In 2013, our 3 officer participated in training course on **capacity building programme on space technology and GIS applications for disaster risk reduction.**

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Usage of Geo-portal in Mongolia

Geo-portal was installed in our server.



technical specification:

Dell power edge T410
CPU: Intel Xeon
2.40Ghz (16CPUs)
RAM: 4096mb
OS: Windows server
2008



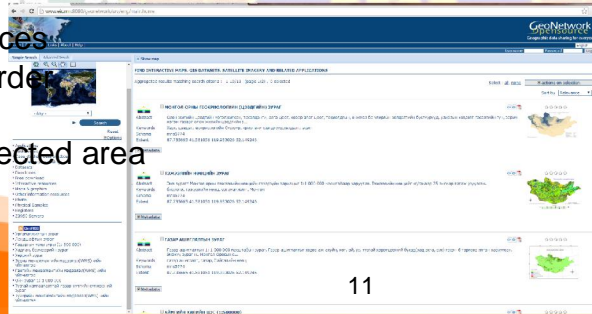
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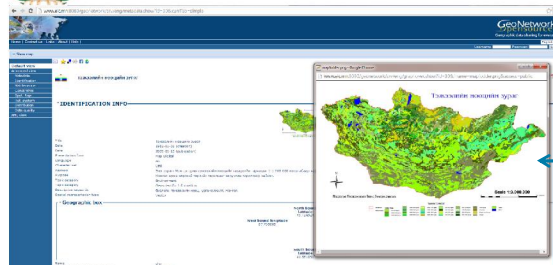
We are using the Geo-DRM which has been provided by ESCAP environmental database.

for example

- land use
- ecosystem
- Forest
- soil
- groundwater
- fodder resources
- province's border
- grassland
- specially protected area



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Map of fodder resources

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_5485

