



中华人民共和国民政部国家减灾中心
National Disaster Reduction Center of China

Disaster Situation and Management in China

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National Disaster Reduction of China

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Part 1 Introduction to China

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Part 3 Disaster Management in China

Part 4 Introduction to NDRCC





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Introduction to China





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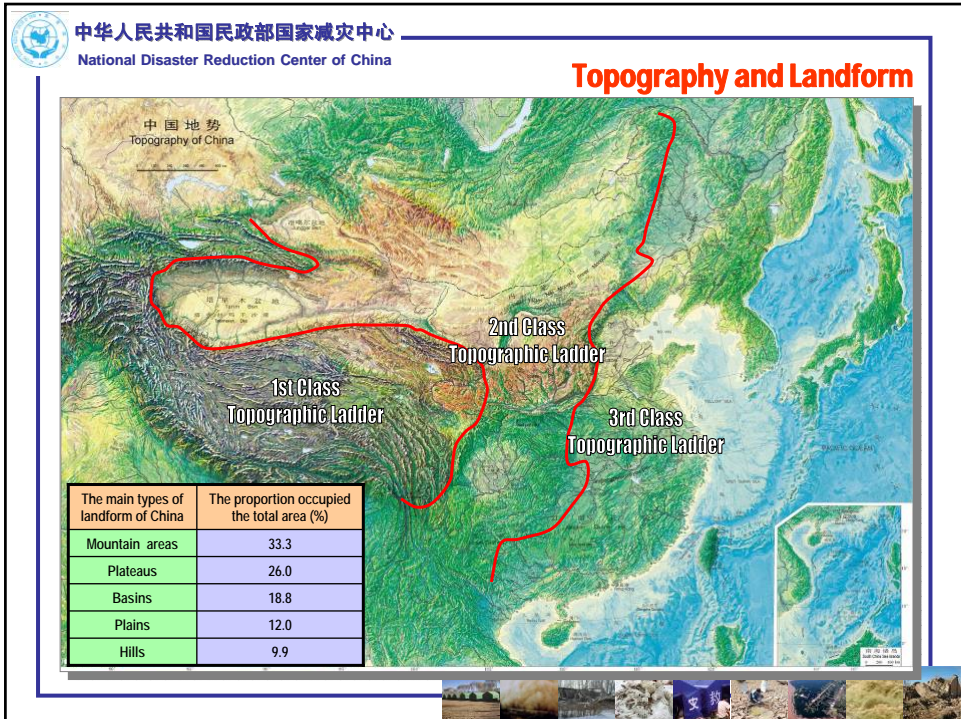
Position and Territory Area

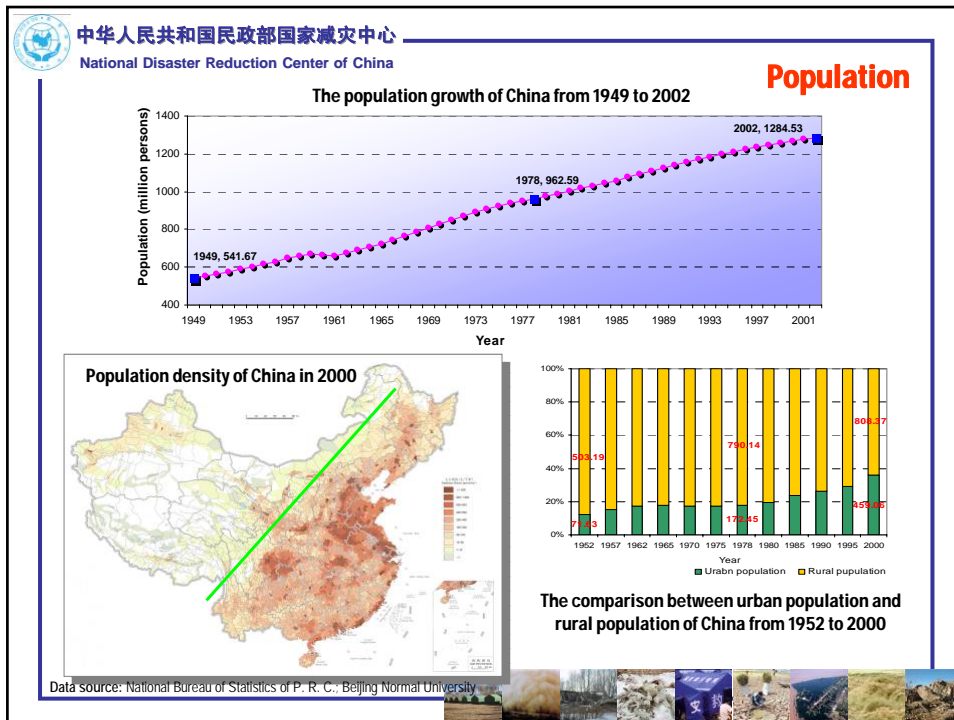


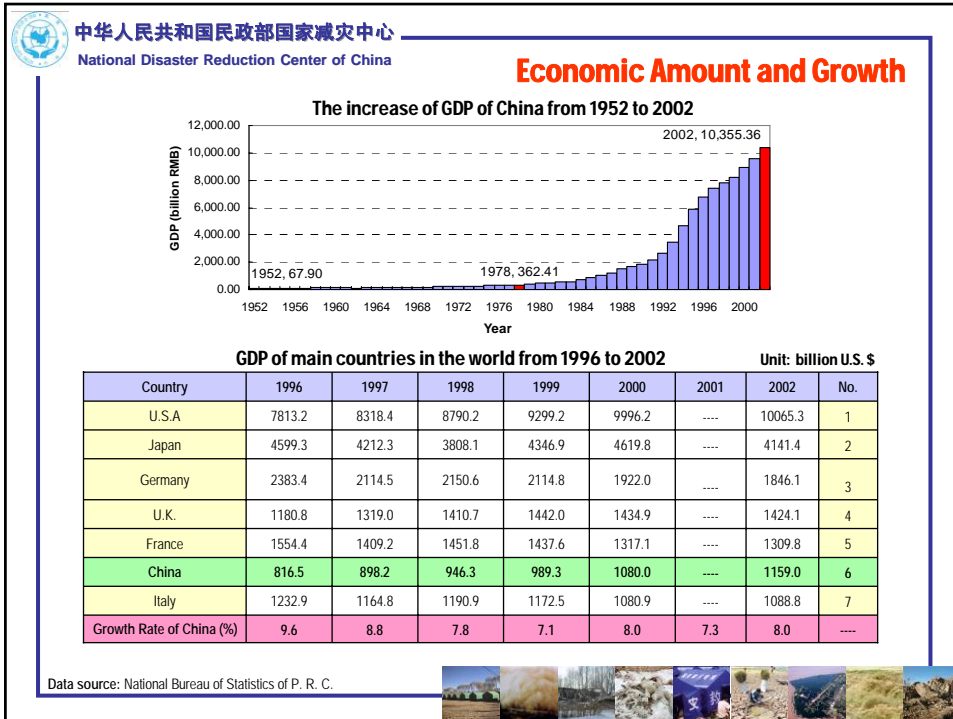
9.6 million Km²

- People's Republic of China
- The neighboring countries
- The countries across the sea
- The other countries







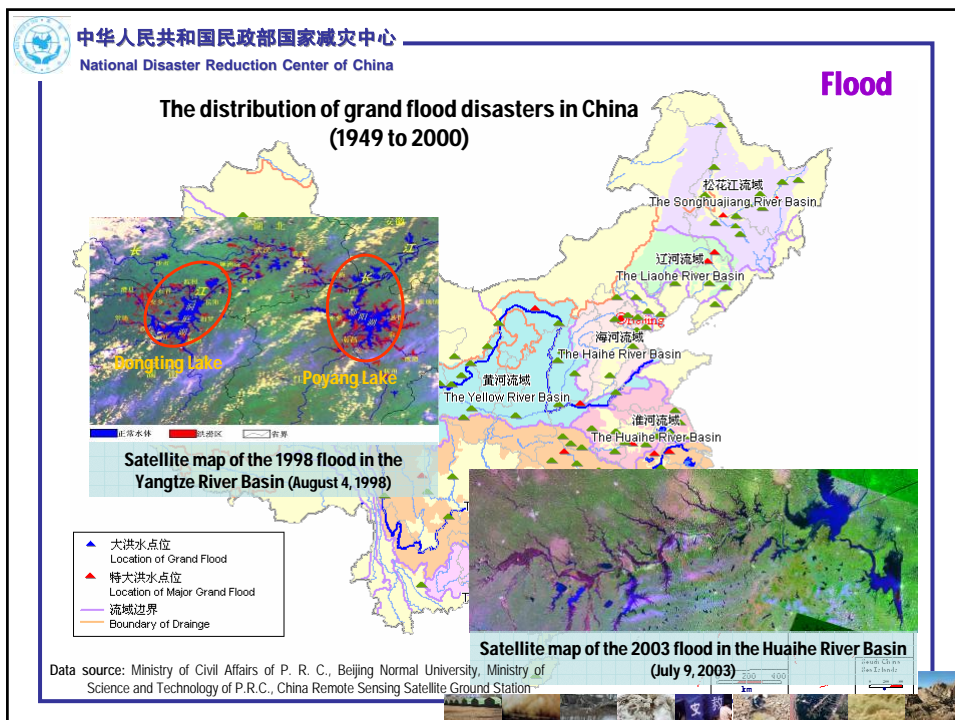
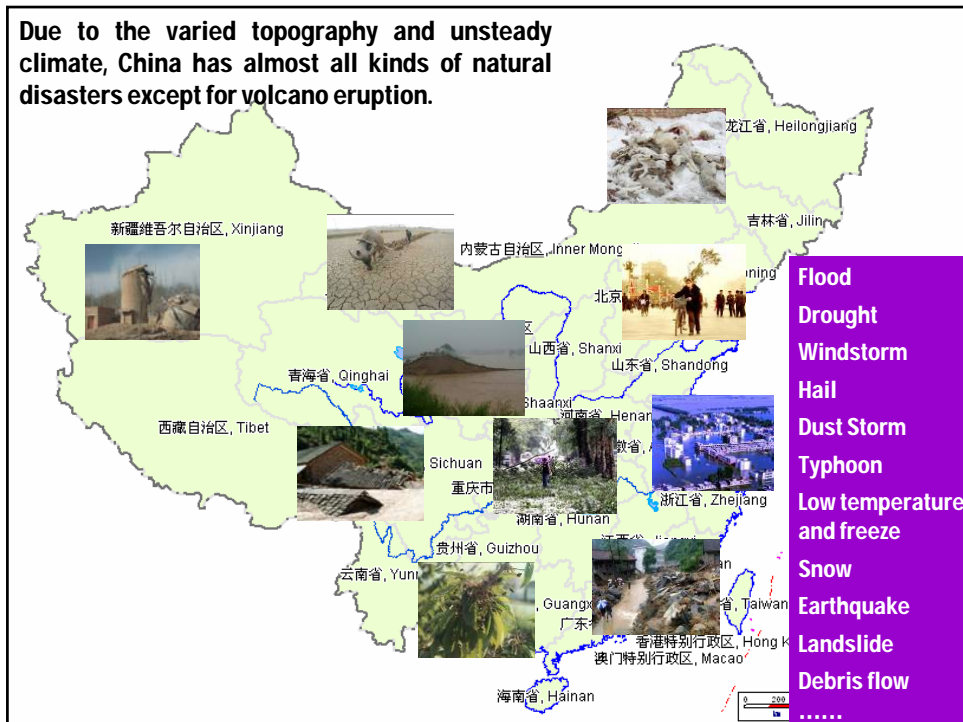


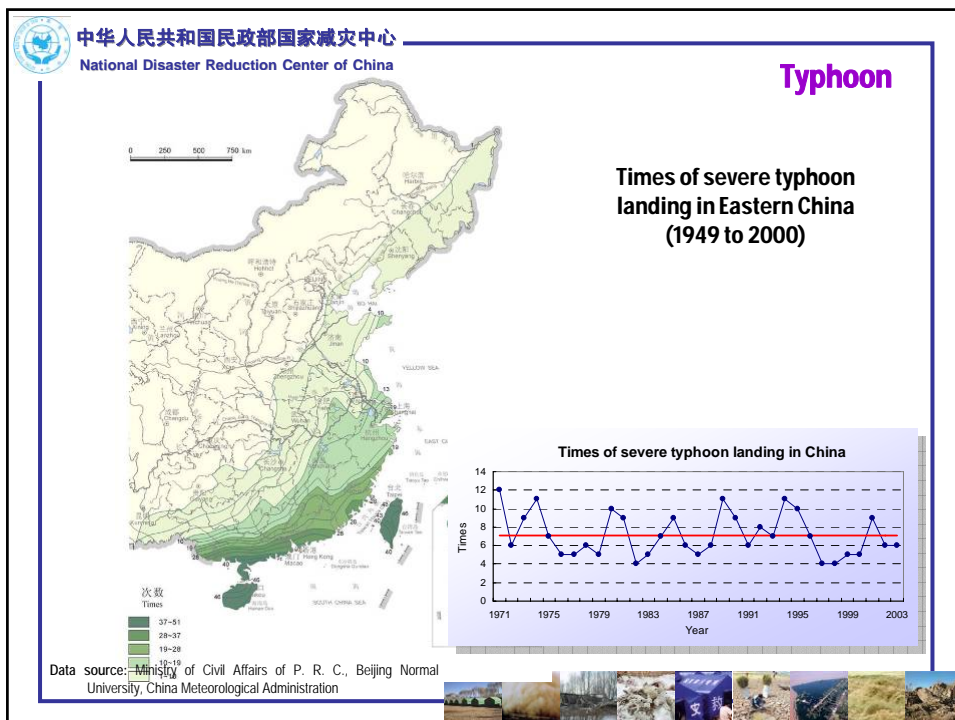
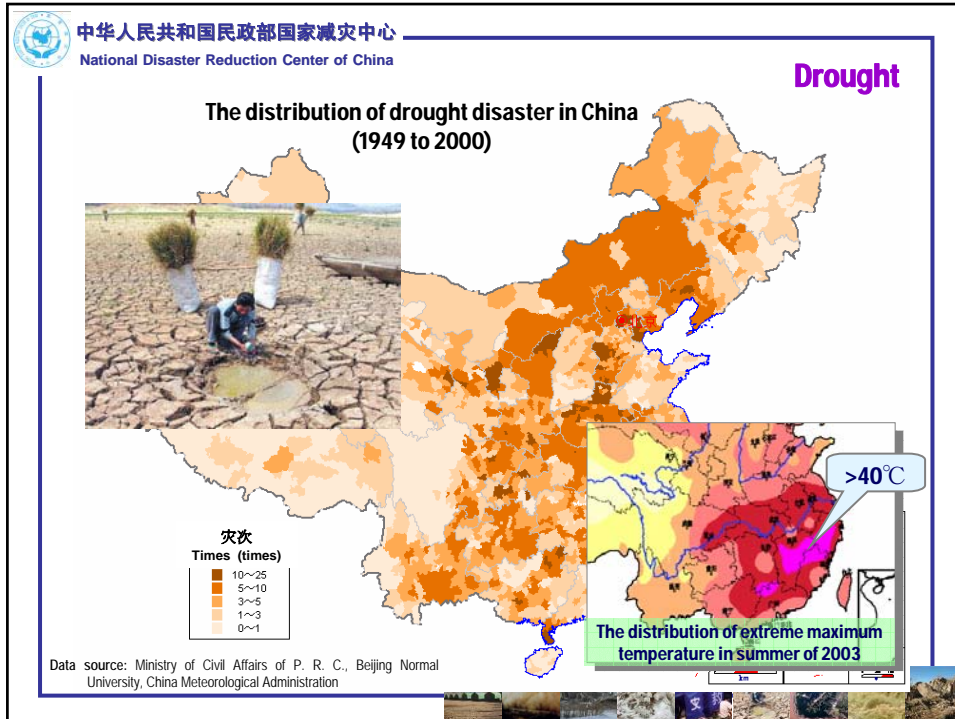
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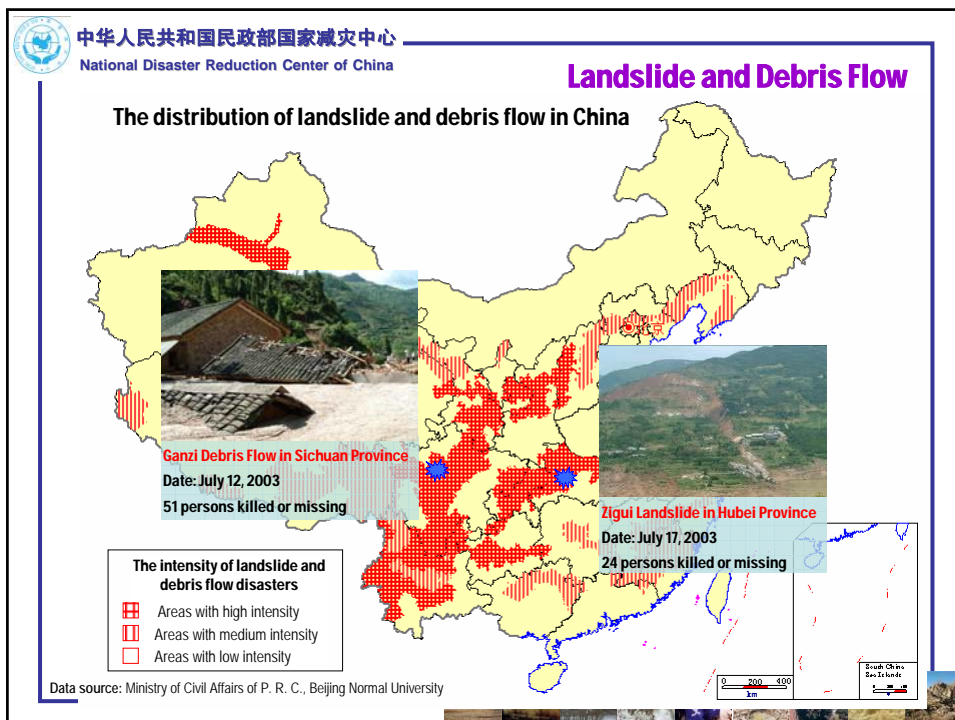
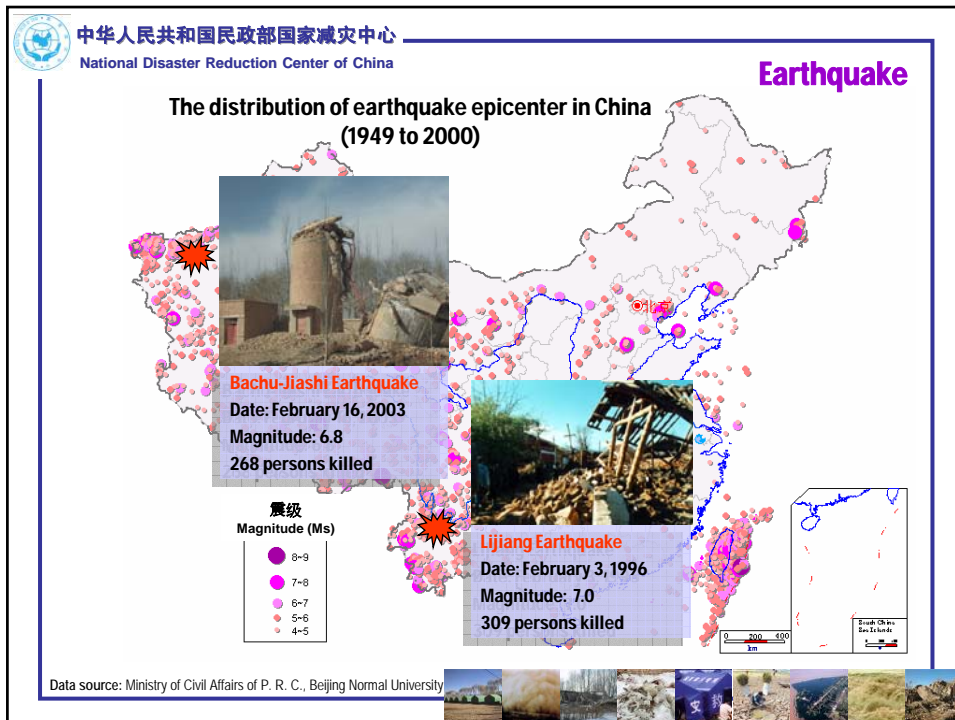
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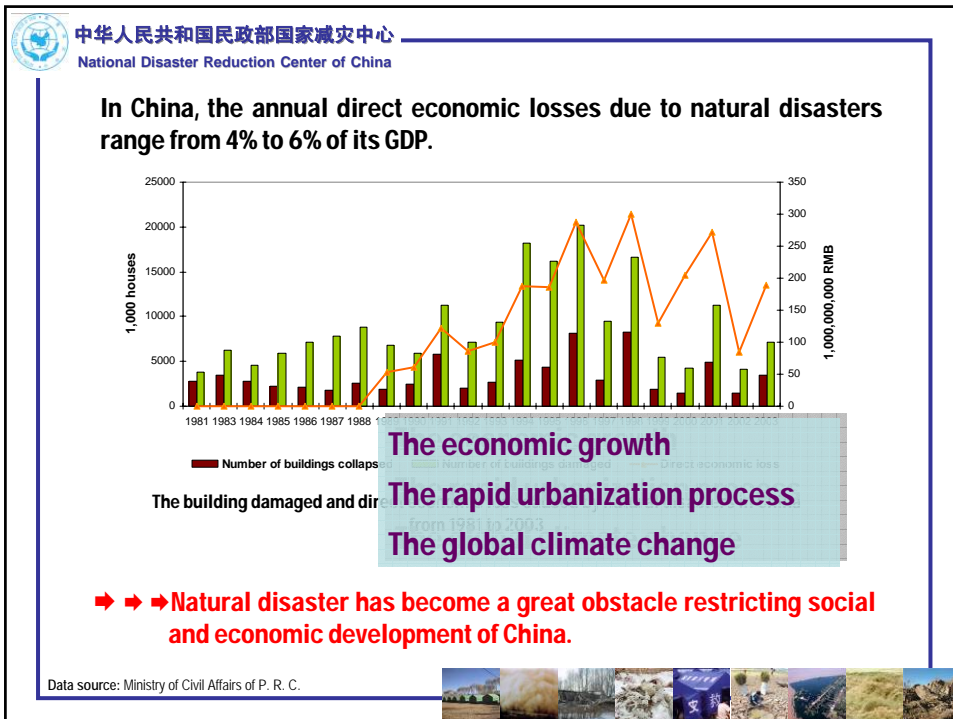
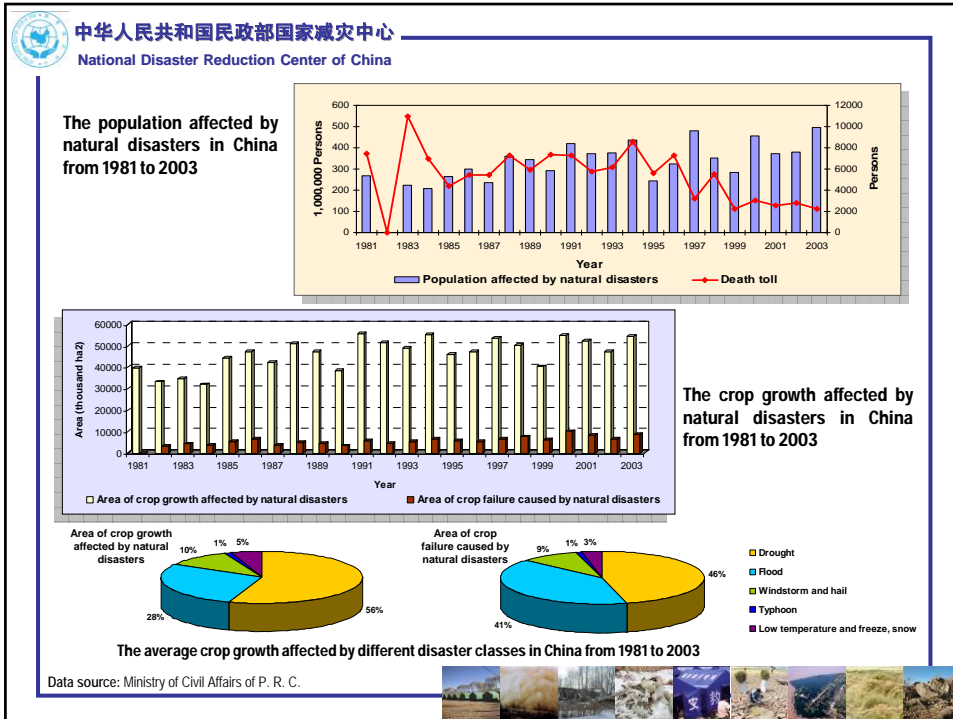
Disaster Situation in China

Due to the varied topography and unsteady climate, China has almost all kinds of natural disasters except for volcano eruption.











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Disaster Management in China



Chinese Government pays much attention to disaster management and takes disaster prevention and reduction as a primary issue to ensure the sustainable development of society and economy of China.





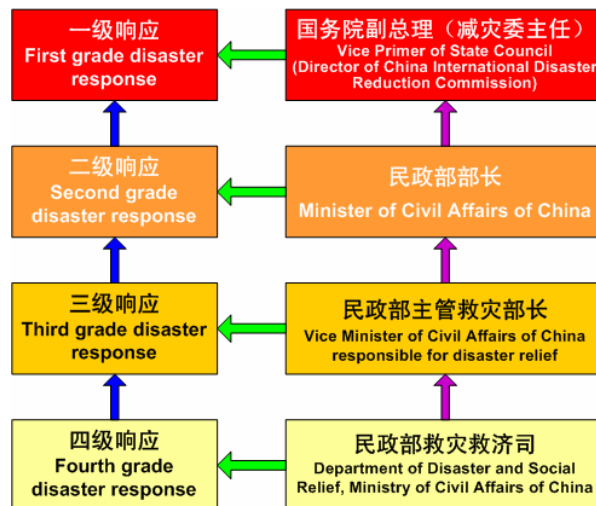
Natural Disaster Warning and Forecasting System

China has established a preliminary system for natural disaster warning and forecasting.

- ☐ The national meteorological monitoring and forecasting network
- ☐ The seismological monitoring and forecasting system
- ☐ The national hydrologic monitoring network
- ☐ The national monitoring and forecasting network for forest fireproofing
- ☐ The national crop and forest disease monitoring and forecasting network



The emergency relief mechanism for natural disasters





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Emergency evacuation



Temporary habitation



Materials




Donation



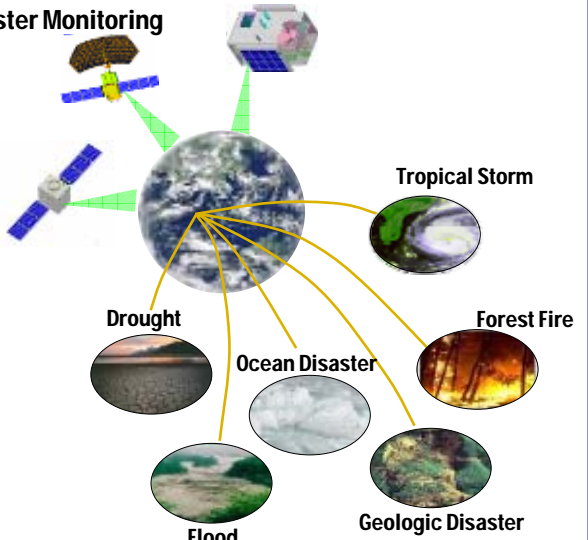
Temporary school





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Plan of Small Satellite Constellation for Environmental and Disaster Monitoring and Prediction

China plans to launch two small optical satellites and one small SAR satellite in 2006, called the "2+1" Project, and also China will launch another 4 optical satellites and 4 SAR satellites later.



Drought Tropical Storm
 Flood Ocean Disaster Forest Fire
 Geologic Disaster




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Disaster Relief Materials Reserve System



哈尔滨 Harbin
 沈阳 Shenyang
 天津 Tianjin
 北京 Beijing
 西安 Xi'an
 郑州 Zhengzhou
 合肥 Hefei
 成都 Chengdu
 武汉 Wuhan
 长沙 Changsha
 南宁 Nanning





The problems existing in China's disaster management

1. The disaster consciousness is weak in China.

- ☞ The public knows very little about disaster prevention and reduction.
- ☞ The governmental officials still do not understand the importance of disaster management.

2. The level of the disaster information management is low in China.

- ☞ The means to collect disaster information is backward.
- ☞ The disaster information is insufficient.
- ☞ The content and criterion of disaster statistics among different sections is not uniform, and the information share is limited.



The problems existing in China's disaster management

3. The disaster relief management system is not sound and the disaster emergency response capabilities are not yet powerful.

- ☞ China do not have specific, detailed and highly operable standards, procedures and rules for disaster relief guidance.
- ☞ China do not have sufficient disaster relief materials reserves and lack effective means after disaster relief work is unfolded.
- ☞ The disaster relief plans are not quite sound.



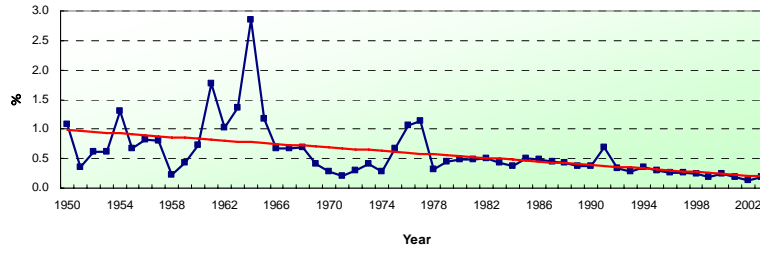
4. The legal system for disaster management is not quite sound, and in particular China do not have a comprehensive "Disaster Relief Law" or similar administrative regulations.





The problems existing in China's disaster management

5. There is a gap between the input in disaster management and specially in assistant to victims and the need of relief.



Ratio of disaster relief output to fiscal revenue in China from 1950 to 2003


Data source: Ministry of Civil Affairs of P. R. C.



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Introduction to NDRCC





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National Disaster Reduction Center of China (NDRCC)

NDRCC of Ministry of Civil Affairs was officially established in April, 2003, authorizing the size of 85 employees.



Providing technological service, information service, application research and personnel training to help the government to make decision-making of disaster reduction and relief.





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Disaster Information Management

China Monthly Natural Disaster Bulletin
China Annual Natural Disaster Bulletin




互联网灾情信息摘编



中国自然灾害年度公报
China Annual Natural Disaster Bulletin
2003年


Disaster Relief Decision-Making Reference
Internet Disaster Information Extract




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Disaster Information Management

NDRCC is now establishing and maintaining disaster database and its management information system, which will be an important part of national disaster information system of China.




民政灾情管理信息系统

国家减灾中心数据库
Database of NDRCC

- 背景数据库
Background Database
- 灾情数据库
Disaster Situation Database
- 备灾数据库
Disaster Preparedness Database
- 灾害救助数据库
Disaster Relief Database
- 灾害案例数据库
Disaster Case Database

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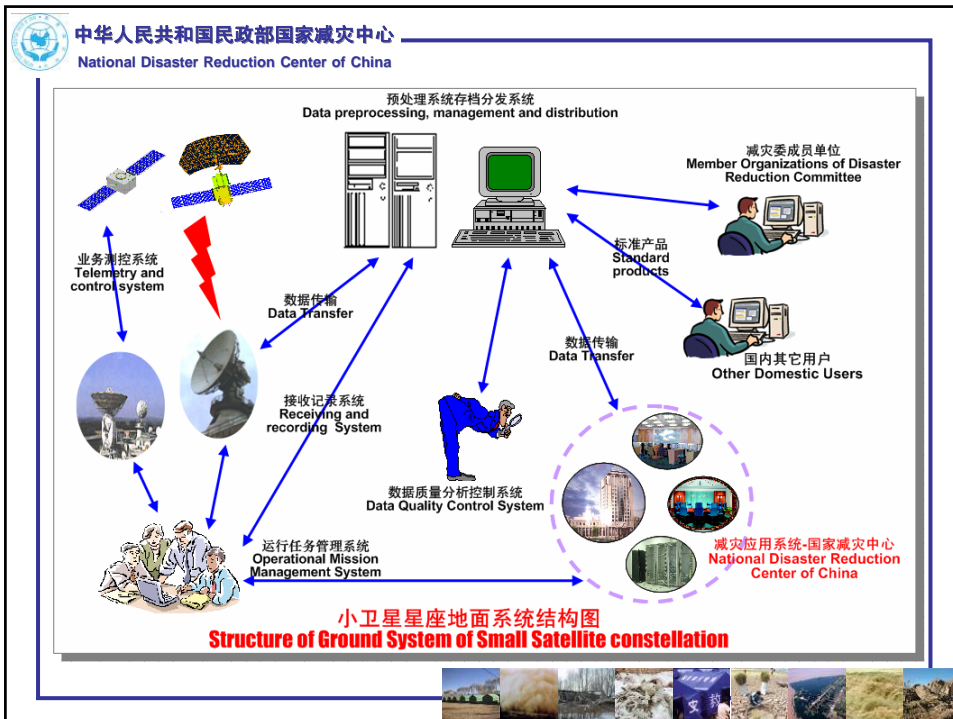


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Disaster Assessment

灾害评估
Disaster Assessment

- 灾害预评估
Disaster Pre-Assessment
- 灾害快速评估
Disaster Rapid Assessment
- 灾后恢复重建评估
Disaster Reconstruction Assessment
- 灾害救助评估
Disaster Assistance Assessment



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Compiling and issuing ——
Disaster Reduction in China Magazine



Establishing and maintaining ——
China Disaster Reduction Website





- Prompt the public disaster consciousness
- Popularize the knowledge on disaster reduction
- Release and share the disaster information



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What I want to do at ADRC?

1. To survey the mechanisms on how Japan and other Asian countries deal with disaster reduction and disaster relief and analysis the possibility to integrate them into the disaster reduction in China.
 - 1) The disaster information management
 - ▣ The design of disaster information indices
 - ▣ The collection and report system of disaster information
 - ▣ The establishment and maintain of disaster information management system
 - ▣
 - 2) The disaster warning and emergency response management
 - ▣ The disaster forecasting and warning
 - ▣ The disaster emergency procedure
 - ▣ The disaster information management and disaster rapid assessment
 - ▣



What I want to do at ADRC?

3) The disaster risk management

- ▣ The disaster risk mapping
- ▣ The propaganda and education of disaster risk consciousness
- ▣ The management of disaster risk regions
- ▣

2. To introduce the practice and lessons of the disaster management work of China and promote the cooperation between China with Japan and other countries.

3. To attend the work of ADRC and look after more chances of the cooperation between China with ADRC.



谢谢
Thanks

