

My Activities in Japan

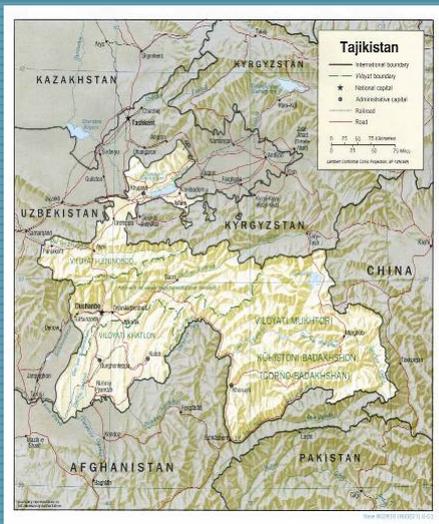
Visiting Researcher of Asian Disaster Reduction Center, from July – December 2005 Kobe, Japan



Dilorro Mirova

*Ministry of Emergency Situation
and Civil Defense of the Republic
of Tajikistan*

Overview about Tajikistan



Territory: 143.100 sq. km. 93 % mountainous

Population: 7.163.506 (2005)

GDP : US \$ 7.95 billion

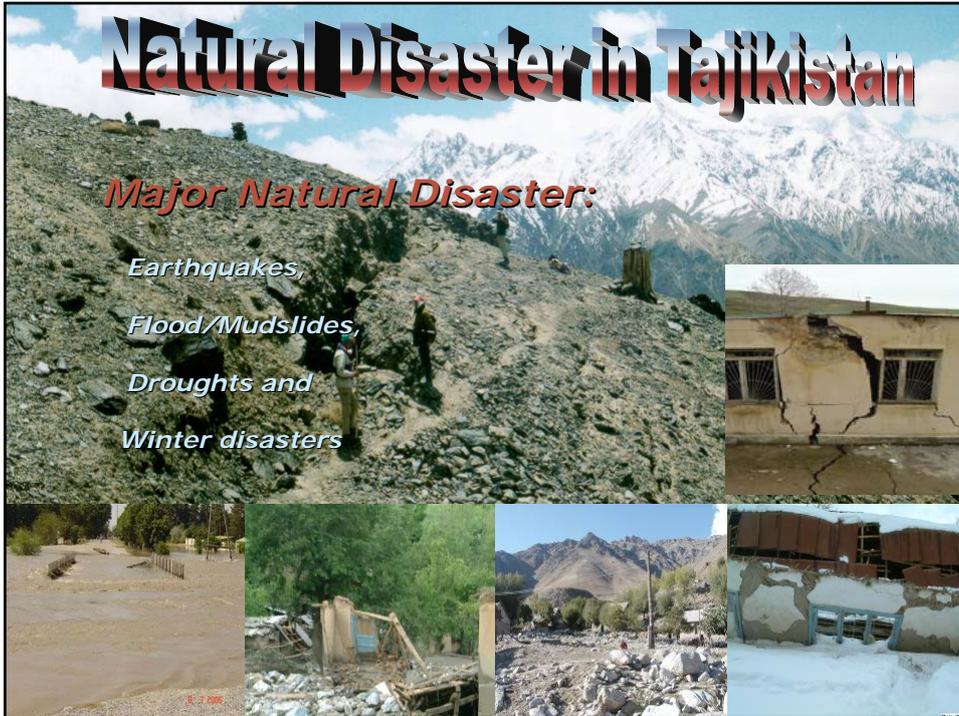
Border countries: Afghanistan 1,206km, China 414km, Kyrgyzstan 870km, Uzbekistan 1,161km

Major Disasters: Earthquake, Flood/Mudslides, Drought, and winter disaster

Natural Disaster in Tajikistan

Major Natural Disaster:

Earthquakes,
Flood/Mudslides,
Droughts and
Winter disasters



Natural Disaster in Japan

Japan has wide variety of natural disasters

- Earthquake
- Tsunamis
- Volcano Eruption
- Typhoon (July - October)
- Heavy Monsoon Rains (May - July)
- Floods
- Landslides
- Snow Avalanches

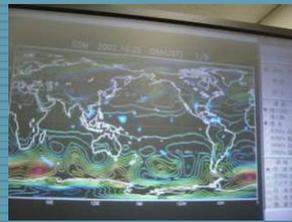


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Earthquake Disaster Countermeasures

- Earthquake Disaster Management Information System
- Present State of Earthquake Disaster Countermeasures and Future Development
- Observation System



5

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Shaking Table

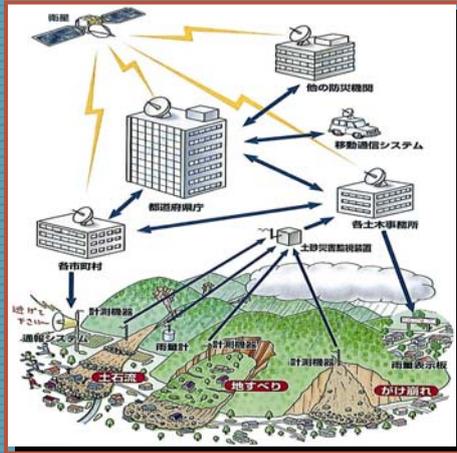


Earthquake Experience

6

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Flood Disaster Management



Integrate Flood Control Measures

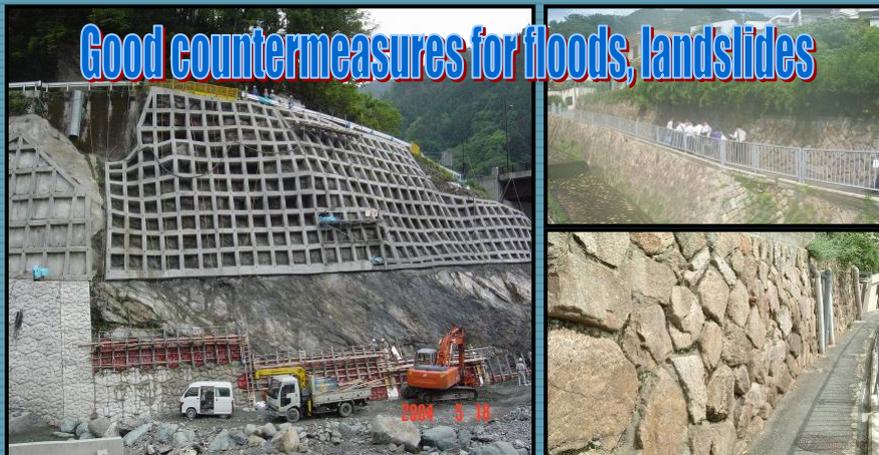
Flood and Erosion Control

Strengthening – recovering activities on the dams

7

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Sabo work



8

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Volcano Disaster

Volcanic activities on Mount Unzen Fugen

The first facility in Japan where we can learn about volcanoes through experience



9

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Disaster Preparedness

Disaster Management Drill

Disaster Management Drills are a perfect opportunity for preparedness citizens about every kind natural disasters



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Hazard mapping as a tool for effective Early Warning

Town Watching Method



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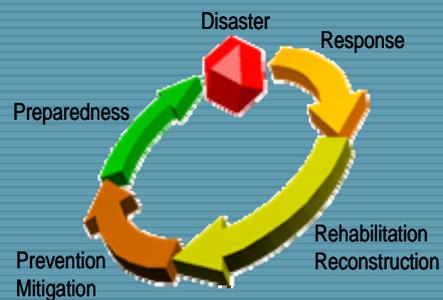
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Total Disaster Risk Management (TDRM)

Holistic Approach for Disaster Risk Reduction and Response

Crucial Principles

- ❑ Involvement and cooperation of all stakeholders
- ❑ Implementation in all the phases of the Disaster Risk Management cycle



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Disaster Management Information Communication System and Network



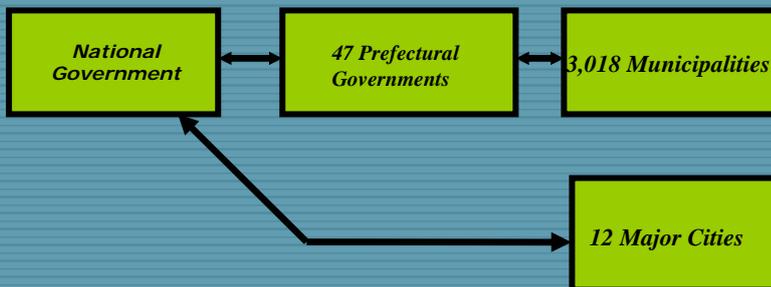
13

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Disaster Management System in Japan

Organizational Systems of Disaster Management



14

Disaster Budget

The budgetary appropriation for disaster management is classified into four categories:

- Disaster Management Research and Development
- Disaster Preparedness
- National Land Conservation, and
- Disaster Recovery and Reconstruction

Fiscal Year (FY)	2003	2004	2005
Research and development (Disaster Risk and Coping Strategies)	424	327	303
<i>Disaster Preparedness</i>	7,909	9,336	7,527
<i>National Land Conservation</i>	15,867	15,241	14,967
<i>Disaster Recovery and Reconstruction</i>	2,517	2,416	2,455
Total	26,717	27,320	25,252

Note: FY 2005: 3.07% of Total National Budget (821,829)

Impression during my probation in Japan

- The exact verticality of the structure and system of emergency management, beginning from the office of the Ministers Cabinet of Japan, corresponding Ministries, meteorological agencies, National Police, mass media and
- Ending with local authorities (prefectures, municipals) as well as the private companies
- Monitoring system (general) on cities, road, landslide, earthquake, typhoons, volcano eruption, floods, tsunamis using GIS and DIS systems
- Methods and means for provision of preventive measures on loss mitigation of possible disaster including the following: strengthening-recovering activities, landslides fortification, coast strengthening activities and so on

Recommendation for Disaster Management in Tajikistan

In case of Earthquake

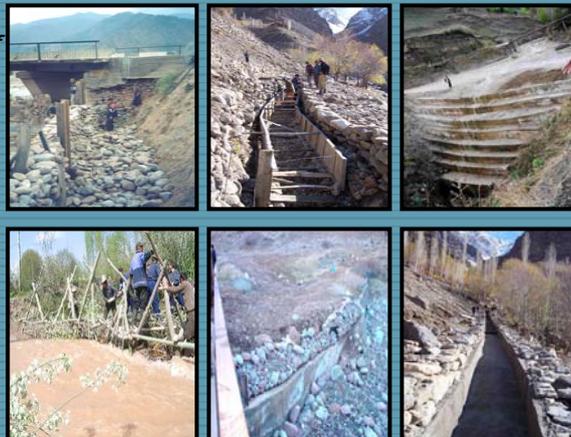
- ❖ **Strengthening of the weak and unresisting buildings and constructions**
- ❖ **Public education of earthquake behavior rules before, during and after the earthquake,**
- ❖ **Teaching the stuff of the local authorities the things they should know in case of earthquake,**
- ❖ **Trainings and education of the finding – rescuing teams, training and reservation of the special medical crews and emergency centers**



Recommendation for Disaster Management in Tajikistan

In case of Flood

- ❖ **Promote the disaster risk reduction (the monitoring of the event on increase of the river's level) and**
- ❖ **Early warning, preparedness of the special repairing-recovering and rescuers brigades**
- ❖ **The system of public preparedness to the measures like forced evacuation**
- ❖ **Sabo Works in Tajikistan**



Recommendation for Disaster Management in Pakistan

In case Landslide

Complex measures related to the landslide control

Landslide tracing, monitoring, measures against the landslides and the education of adjoining population



Not typical for my country



ありがとうございます ございます



2006



Спасибо за внимание