





Research Findings as Visiting Researcher From Kyrgyzstan

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Overview

- **Disaster Management overview of Kyrgyzstan**
- **Natural Disasters of Japan**
- **Disaster risk management in Japan**
- **Field visit Studies during the period**
- **Recommendations & Action plan in Kyrgyz Republic.**
- **Utilize of gained knowledge in National Disaster Plan of Kyrgyz Republic**



Objectives of Visiting Researcher

1. Information, knowledge and experience exchange in the field of Disaster management
2. Study disaster risk reduction activities in Japan and relevant political actions.
3. Study of public education system.
4. Participation in training courses and drills.
5. Providing update information for ADRC database.



Results of Research

- Participation in high level training courses
- Visit to organizations and institutions, Governmental offices, schools, health facilities, museums
- Participation at the symposiums
- Study disaster risk reduction in Japan
- While participating in trainings courses access to valuable information essential for disaster risk reduction in Kyrgyz Republic



Field Visit studies and activities taken during research period

- Study visit to Hanshin Awaji Earthquake memorial Museum – Kobe, Hyogo, Hiroshima Peace Memorial Museum
- Study Visit to Tokyo
 - Japan Meteorological Agency (JMA)
 - Cabinet office
 - Fire and Disaster Management
 - JICA Headquarters
 - NHK
 - Hyper Rescue Team
 - Honjo Life Safety Learning Cen



Basic Areas of studied during research Period

- *ADRC activities*
- *Disaster Management Legal System;*
- *Disaster Management Organizational System (Disaster manage. setup in each levels of admin)*
- *Disaster Management Plan and Budget;*
- *Disaster Risk Information Management & Communication System*
- *Training and Awareness.*
- *Emergency Response and Early Warning*
- *Disaster Countermeasures and good practices;*





Basic Areas of studied during research Period

- Disaster Management and Fire Training (simulations)
- Erosion Control in Hyogo
- UN Disaster Prevention Project in Community Level
- Disaster Prevention Information – JMA
- Retrofitting in Japan
- Hazard mapping



Subjects of most interested

- Disaster Management System in Japan
- ADRC activities
- Disaster Management and Fire Training (simulations)
- Crises Management in Kobe
- Disaster Prevention Information – JMA
- Public awareness

Lessons learned

- Importance of good interministerial cooperation and coordination in disaster management,
- Importance of adequate and timely information (collection of data real-time and dissemination of information),



Lessons learned

- Involvement of citizens and increasing of public awareness is very important for decreasing of disasters consequences,



Lessons learned

- Clear distribution of responsibilities (Government, Prefecture, City),
- Importance of presentation to citizens week and strength points of area where they are living,
- Education and training (schools, local communities, training centers).

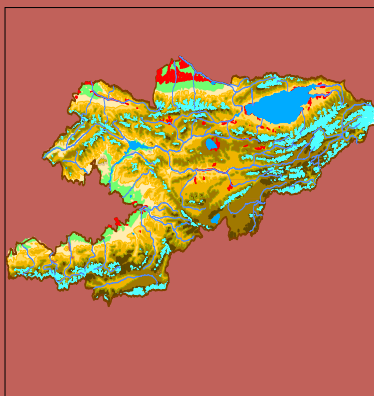
Area

Japan

377 835 sq km

Kyrgyzstan

199 900 sq km





Overview in natural hazards effecting Japan and Kyrgyzstan

In Japan

Earthquakes
Floods
Landslides
Snow Avalanches

Typhoons
(July – October)
Heavy Monsoon Rain
(May – July)
Tsunamis
Volcanic Eruptions

In Kyrgyzstan

Earthquakes
Floods
Landslides
Snow Avalanches
Mudflows
Ground water logging



Japan has wide variety of natural disasters





 Kyrgyzstan has wide variety of natural disasters 





The bottom section features a dark red header with the text "Kyrgyzstan has wide variety of natural disasters" and the logo of the Ministry of Emergency Situations. Below the header is a 2x2 grid of images showing natural disasters in Kyrgyzstan: an aerial view of a village with damaged roofs, a wide river flooding a town, a large landslide of earth and debris, and a person standing in a flooded courtyard.




 **Reorganization
disaster management system
in Kyrgyzstan** 



- At present, Ministry of Emergencies is reorganizing the current control systems of disaster management to make it more effective and upto-date




 **Ministry of Emergency Situations
of the Kyrgyz Republic** 



**Explanatory Note
to the Action and Future Development Program
Ministry of Emergency Situations of the Kyrgyz Republic
for the period 2007-2010**

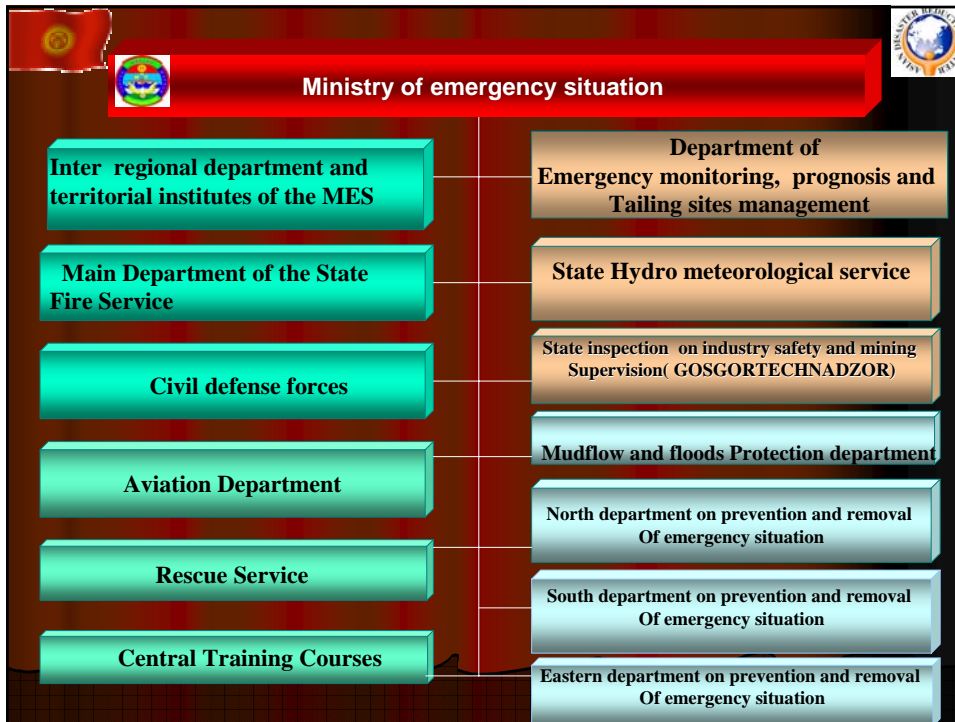
 **Ministry development
strategy included** 

- improvement of monitoring and forecasting system
- forecasting and preventive measures for emergency situations
- improvement of the existing warning and effective response system for emergency situations
- improvement of regional and local facilities and resources for the management of the ES and mitigation of natural disasters consequences






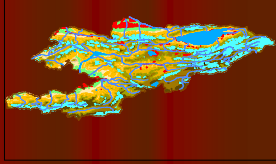

The diagram illustrates the Emergency Response Centre (ERC) Satellite, Radio & Telecommunication Group System. It shows a central satellite in orbit connected to various ground stations and communication links. Key components include the ERC Station, a China Interoperable System, and a network of radio and telecommunication equipment. The diagram also lists various emergency services and their corresponding communication methods, such as mobile phones, satellite phones, and radio equipment.



Explanatory Note
to the Action and Future Development Program
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- **Priorities**

Establishment of fire-control and rescue committee under the MES



- Further improvement of potential for the regional sections of the MES of the KR
- Quality improvement for inspection and control system for observation over the industrial safety measures and mountain supervision;
- Improvement of environmental monitoring quality,

Priorities

- **establishment of the united system for effective revelation and prediction of dangerous and natural meteorological phenomenons.**
- **Putting in operation of big number of meteorological stations.**
- **Further improvement and development of the united system of emergency Response Center using the modern information technologies;**



ACTION PLAN

Proposals in this matter:

PUBLIC AWARENESS

- increase the awareness in the schools and local community with involvement in the disaster management exercises and familiarization with the protection measures in case of emergencies
- intensify the activities of the Firefighting, Protection and Rescue School in Kyrgyzstan increase the level of information provided through the guide line, public media
- Modification web site with updated information



ACTION PLAN

PROVIDING THE EXPERIENCES AND KNOWLEDGE TO OTHER RELEVANT INSTITUTIONS

- Meteorological Agencies, Seismological Institute and etc.


to support the reorganization effort of disaster management system

- Issues that are targeted to raise the public awareness, emergency stock policy and providing the experiences and knowledge to other relevant institutions.
- Lessons learned will be forwarded to other institutions in Kyrgyzstan.

ACTION PLAN

Target group:

- **Ministry of Emergency Situations (central, provincial, local level)**
- **Local community**
- **Schools**



Following steps for carry out this action plans

- Resources mobilizations for disaster awareness activities
- To provide a recommendation to Ministry of Education to include disaster preparedness information to the school curriculum and activities



Recommendations for Disaster Management Kyrgyz Republic

- Development of effective Disaster Early Warning and disseminating System
- Early warning, preparedness and rescue brigades
- Public Education, Training and Community Awareness Programmer

Recommendations for Disaster Management Kyrgyz Republic

- Sabo Works in Kyrgyzstan
- Develop international cooperation in field of disaster reduction



Recommendations for Visiting Researcher Program ADRC

- To follow up workshop or seminars for former Visiting Researchers
- course arrangement
- PC with internet for our Apartment.

My special thanks

- Executive Director
Koji Suzuki
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Shiratori Takaaki
- Senior Researcher
Etsuko Tsunozaki
- And all ADRC staff

Thank you for listening

Arigato gozaimashta

Chon rahmat



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Ministry of Emergency Situations of the Kyrgyz Republic