

K Y R G H Y Z R E P U B L I C

N A T I O N A L S U M M A R Y R E P O R T

IDNDR

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Bishkek 1994

SECTION A: PROFILE

1. Composition of National Committee

Ministries:

The State Commission of Kyrgyz Republic on Emergencies and Civil Defence;
Ministry of Foreign Affairs. (2)

Non-Governmental Organisation:

Red Crescent Society of Kyrgyz Republic;
Mercy Fund "Meerim." (2)

Media

Academic and Research Institutions

-National Academy of Sciences (1)

Newspapers "Vecherny Bishkek" and "Yujny courier" (2)

Private Sector

-Insurance Company "Hope" (1)

Insurance

- Kyrgyz State Insurance Company;
-Insurance Company "Hope" (2)

Public Services

-The State Committee on Nature Protection;
-Ministry of Geology, Using and Preservation Bowels
-Institute of Seismology of National Academy of Sciences (3)

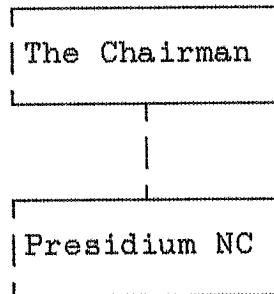
Others

-The State Committee on Sciences & New Technologies;
-Ministry of Public Health.
-Ministry of People Education
-Ministry of Water Management and Melioration
-Ministry of Transport (5)

2. Internal organization of the National Committee

The National Committee of Kyrgyz Republic on IDNDR was created by the Decision of the Government of Kyrgyz Republic N 597 of 10 December 1993. Mr. Jan Fisher, Vice-premier, the Chairman of the State Commission on Emergencies and Civil Defence is the Chairman of the National Committee of Kyrgyz Republic on IDNDR.

Internal organization of the National Committee (NC) of Kyrgyz Republic on IDNDR



Commisson NC on partici- pating of Kyrgyz Re - public in IDNDR	Commisson NC on thorough and applied researchs	Commisson NC on systems for early warning, mea- sures of fast reac - tion & col- lecting in- formation on disasters	Commisson NC on legisla- tions, pre- ventive mea- sures & re- storing works	Commisson NC no economic questi- ons, public relations & relationship with non- governmental & private in stitutions
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The Presidium of the NC consists of: the Chairman of the NC, it's Deputy, Chairmans of Commissions of the NC and Executive Secretary.

3. Prevailing hazards

Type	Location	Affected population
Earthquakes	Whole territory nearly	40 % of population are living in the zone of 9 (Richter scale)
Debris flows and flash floods	Half of the territory	Dozens thousand of people are suffered annually from influence of debris flows and flash floods
Rockfalls & landslides	The total area exposed to lanslides and rockfalls is equal near 5 thousand square km The main place of prevalence is Osh and Jalal-Abad regions	More than 200 settlements and plots of communications are in landslide & rockfall risk zone
Spring frosts and snowfalls	Chu, Talas, Issi-Kul regions, foothills of Fergana and Alai Ridges	Annually near 300 thousand hectares of plantations and other farmlands
Snow avalanches	Middle- and highmountainous places	Sacrifices are fixed annually

4. Recent natural disasters

In in Suzak, Aksy, Uzgen districts and Mailuu-Suu city 103 persons died in the landslides in the March-April of 1994. 450 houses were destroyed. Property's losses have come to 40 million USD.

5. National socio-economic conditions

Population: 4,5 million

Area: 198,5 thousand square km

Gross-National Product (GNP): In 1993 produced national income of Kyrgyz Republic has come to 4650 millions soms (Kyrgyz currency) or 422 millions USD.

Per-Capita Income: in 1993 the per-capita income was about 42 USD.

6. Availability of assistance to other countries in the field of natural disaster reduction

The possibilities in rendering material and financial aid for other countries are limited. Technical assistance taking into consideration the skill of our experts, can be rendered in hazards mapping, seismic resistance designing, designing hydrotechnical protective constructions, rescue works in high mountains, industrial mountaineering.

7. International assistance required for natural disaster reduction

Resources: fast-building inhabitations, prefabricated houses, building materials (especially timber), powerful digging and road technics, cross-country vehicles, modern mobile connection units, searching and rescuing equipment and outfit.

Technology: engineering constructions against landslide, express-analyses for physical-mechanical characteristics of soils, ecologic and toxic express-analyses.

Scientific knowledges: middle- and shortterm prediction of natural hazards.

Meteorological Organization (WMO) and uses pictures received from American Satellite System NOAA. According to the agreement, there is continuous exchange of meteorological information, including notification about dangerous hydrometeorological events between CIS countries.

The Institute of Seismology has several stations entering to the world network of seismic stations IRIS. There is exchange of seismic information, including predictions between CIS-countries and China.

2. Present national plan for natural disaster reduction

- a) Time span covered: from 1 to 5 years
- b) Agencies, institutions and organizations involved:
- The State Commission of Kyrghyz Republic on Emergencies and Civil Defence;
 - City, regional, district state administrations;
 - National Academy of Sciences;
 - The Agency on Hydrometeorology;
 - The Agency on Geodesy and Cartography;
 - The Ministry of Water Management and Melioration;
 - The Ministry of Geology, Using and Preservativion Bowels;
 - The State Committee on Nature Protection;
 - The State Committee on Architecture and Technical Controlling in Building;
 - The State Combination "Kyrghyzaltin";
 - The Ministry of Public Health;
 - other institutions (scientific-research, building, design-prospecting).
- c) Implementing agencies:
- The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.
- d) Funds available for implementation:
- SCE and CD is financing accordingly by the Regulation on

Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

In 1993 the total sum of these funds was 41,7 million soms or 5 million USD. In 1994 near 80 million soms or 7 million USD are expected, it is not enough even for abolishing effects disasters which have been occurred in this year.

3. Legislation introduced and enacted in relation to natural disaster reduction.

The Regulation on the State Commission of Kyrghyz Republic on Emergencies and Civil Defence, confirmed by Government's Decree N 536, 4 November, 1993 is basic document determining the strategy of measurements on disaster reduction.

Besides this, there are a lot of laws, decrees, regulations, standards, rules, instructions, touching anyhow upon the problem of disaster reduction in Kyrghyz Republic. First of all these are Practices, specifically BC and P N 2.01.15-90 "Engineering protection of territory, buildings and constructions from dangerous geological processes"; following regulations about departments and their standards:

- The Regulation about Ministry of Water Management and Melioration;
- The Regulation about the State Committee of Geology, Using and Preservation Bowels;
- The Regulation about the State Committee on Nature Protection;
- The Regulation about the State Committee on Architecture and Technical Controlling in Building;
- The Regulation about the State Agency on Hydrometeorology;
- The Regulation about the State Inspection on Supervision for Safe Conducting Works in the Industry and Mining;
- The Regulation about State Forestry inspection;
- departmental instruction of Fire Protection Service Sanitary-Epidemic Service, Service of Radiation Control, Rescue Teams in mountaineering camps.

Now the bill about State insurance, which includes several chapters devoted to natural risk insurance is being on stage of consideration.

4. Disaster mitigation activities completed or underway:

a) Identification of hazards zones: hazard assessment

Title of project:

The General Combined Scheme of Engineering Protection Territory Kyrghyz Republic from dangerous physical-geological events and processes (debris flows, snow avalanches. landslides, rockfalls and screes).

Status:

These schemes were made for 4 regions of 6. In 1980 the scheme was finished for Chu region, in 1989 - for Jalal-Abad and Osh regions, in 1990 - for Issik-Kul region.

Now, existing schemes are being precised and first stage works are being started for Talas and Naryn regions. The separate elements being carryied only, because of lack funds.

Participating institutions in the country and/or on the international level:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence;

-National Academy of Sciences;

-The Agency on Hydrometeorology;

-The Agency on Geodesy and Cartography;

-The Ministry of Geology, Using and Preservativion Bowels;

-The Ministry of Water Management and Melioration;

-The Ministry of Transport;

-The Ministry of Energy.

Costs of project:

Duration - 3 years. Total costs: 1,8 million soms or near 150 thousand USD.

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.

Address (telephone and fax-number) of the agency in charge:

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b) Monitoring, prediction and warning

Title of project:

The organizing of the system monitoring for processes on the mountainous slopes

Status:

The programme have been done. Realization of the programme have not been started because of lack of funds.

Participating institutions in the country and/or on the international level:

- The Ministry of Geology, Using and Preservativion Bowels;
- National Academy of Sciences
- The Agency on Hydrometeorology.

Costs of project:

500 thousand soms or 40 thousand USD

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-The Ministry of Geology, Using and Preservativion Bowels;

Address (telephone and fax-number) of the agency in charge:

Phone: (3312) 26 46 26

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Title of project:

The organizing of the system monitoring for potential outbursts of the highmountain lakes

Status:

The programme have been done. Several elements are being carried only, because of lack of funds.

Participating institutions in the country and/or on the international level:

-The Agency on Hydrometeorology.

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.

Costs of project:

1500 thousand soms or 120 thousand USD

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-The Agency on Hydrometeorology.

Address (telephone and fax-number) of the agency in charge:

Phone:(3312) 21 38 62

Title of project:

The scheme and the map of longterm prediction of the strong earthquakes

Status:

The stage of the project have been done.

Participating institutions in the country and/or on the international level:

-State Committee on Architecture and Technical Controlling in Building;

Costs of project:

100 thousand soms or 7 thousand USD

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-National Academy of Sciences

Address (telephone and fax-number) of the agency in charge:

Phone:(3312) 46 18 13

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c)Short-term Protective measures and preparedness

Title of project:

The stabilizing and consolidating the most dangerous landslides in Mailuu-Suu city

Status:

The project has been done, but it's realization has been not

started yet, because of lack of funds

Participating institutions in the country and/or on the international level:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence;

-The State Combination "Kyrghyzaltin"

Costs of project:

1,250 million USD.

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.

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Title of project:

The equipping of the rescue team by connection means, rescue and searching equipment, country-cross vehicles, outfits, specialized technics.

Status:

20% needs has been supplied only

Participating institutions in the country and/or on the international level:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence;

Costs of project:
Ø,2Ø million USD.

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.

Address (telephone and fax-number) of the agency in charge:

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d) Longterm preventive measures

Titles of projects:

I.The building engineering protective constructions against rockfalls,scree,snow avalanches,landslides, debris flows, flash floods

II.The replacing people from risk zones

III.The building inhabitations for suffered and replaced people

Status:

There are not enough funds to realize completely these projects.Now, no more than 5 % of total is being done.

Participating institutions in the country and/or on the international level:

-The State Commission of Kyrghyz Republic on Emergencies and

Civil Defence;

Costs of project:

More than 3 milliard USD.

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Implementing agencies:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.

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e) Public education and information

Titles of projects:

Short films about possibilities of selfprotection by the population against earthquakes

Status:

Videomaterials have been prepared and responsible institutins have been determined

Participating institutinos in the country and/or on the international level:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence;

-German IDNDR Committee.

Costs of project:

50 thousand USD.

Sources of funding:

Funds are accumulated accordingly by the Regulation on Order of Assignations, Accounting and Using Funds for Prevention and Abolition Emergencies in Kyrghyz Republic, confirmed by Government's Decision (N 35 of 27 January 1993).

Funds drawn by German IDNDR Committee

Implementing agencies:

-The State Commission of Kyrghyz Republic on Emergencies and Civil Defence.

-German IDNDR Committee

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SECTION C: INTERACTIONS

1.Publications on IDNDR - related subjects:

Information about International Day for Natural Disaster Reduction and information about Exhibition of Children's Drawings "People and disaster in Kyrghyzstan" were given in newspapers & TV of Kyrghyz Republic.

Press-service of SCE & CD presented The Regional workshop on disaster reduction in the territory of the CIS countries.

2.IDNDR meetings and conferences held or planned

The Regional workshop on disaster reduction in the territory of the CIS countries.13-18 December 1993, Bishkek.

Organizators:

SECTION B: STRATEGIES AND ACTIVITIES

1. Steps towards achieving the 3 main Decade targets

a) Comprehensive national assessments of risk from natural hazards, with these assessments taken into account in development plans:

The General Combined Scheme of Engineering Protection Territory Kyrghyz Republic from dangerous physical-geological events and processes (debris flows, snow avalanches, landslides, rockfalls and screes) was finished in 1989 for Jalal-Abad and Osh regions.

The purpose of the Scheme is a decisions several questions at once:

- revealing hazards;
- revealing approximate parametres of hazards and parametres their acting;
- determining potential losses from hazards;
- elaboration engineering protective measures for prevention or reduction potential disastrous influence of hazards;
- necessary investments for building protective constructions and suggestions on organization of building;
- economical effectiveness of protective works and order of priority of building.

The same schemes were made for Chu and Issik-Kul regions. Now, existing schemes are being precised and works of first stage are being started for Talas and Naryn regions.

b) Mitigation plans at national and/or local levels, involving long-term prevention and preparedness and community awareness:

Now there is no the united longterm state programme, confirmed by the government in the republic. But it does not mean absence of policy and concrete measures for disaster reduction. In particular, two scientific-technical programmes planned to 2000 existing now: academician programme "Complex Investigations of the

natural and natural-technogenic catastrophes" and interdepartmental programme "Sactoo" devoted to seismic safety.

Annually SCE and CD makes a plan of activities for future year consisting of next subdivisions:

- repairing and restoring works at objects and protective constructions suffered by hazards;
- building engineering protective constructions;
- building engineering constructions, public facilities, homes in the district, where people must be replaced;
- designing and prospecting works for building protective constructions or for other protective and preventive measures;
- research works to evaluate exposure of the territory, objects to hazards and, in addition, forecasting and monitoring;
- researching and designing works for creation or improvement existing means for rescue and searching, elaboration methods of protective measures and constructions;
- equipping bodies of the SCE and CD by mechanisms, equipment, outfit, means of connections, material resources necessary for SCE and CD's activities.

c) Ready access to global, regional, national and local warning system and broad dissemination of warnings.

The system for warning and notification about emergencies is based on the former civil defence system.

Operating duty officer notificates head quarter, civil defence regiment and regional capitals.

Big enterprises and institution in each city have sirens for notification. Besides this, regional and district centers can be notificated by the radio.

The use TV and broadcast is possible in order to notificated about extreme situation in some cases.

Dispatch of rescue-team with portable radio stations in the area of potential danger is used in order to warn early.

The Central Office of the SCE and CD has facsimile connection ensuring exchange of operative information with foreign countries and regional boards.

The Agency on Hydrometeorology is a member of the World

- IDNDR Secretariat;
- Emergcom of Russian Federation;
- SCE and CD of Kyrgyz Republic.

Participants:

- IDNDR Secretariat;
- ECHO;
- UNDP;
- services on civil defence and emergencies of CIS countries.

3. Current or planned partnership and cooperation related to IDNDR with other countries

There are plans of cooperation between German IDNDR Committee and countries-participants of Interstate Council of Emergencies of Natural and Technogenic Origin.