



## Report of Mr. Khrapunov V., the Minister of Emergency Situations of the Republic of Kazakhstan, at the Asian Conference on Disaster Reduction – 2007

25.06.2007

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One of the priorities of Hyogo Program is **disaster risk management** for considerable reduction of their effect on social, economic and environmental systems.

This program document created additional incentives for the development of **the national platform of response to natural disasters and cataclysms** existing in the Republic of Kazakhstan.



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Due to the diversity of natural and geological conditions practically all the territory of Kazakhstan is subject to most of the known natural disasters.



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**In this context, protection of national interests of Kazakhstan against negative consequences of disasters is one of the basic priorities of the long-term Development Strategy of our country which is under special control of the President of Kazakhstan, N. Nazarbayev.**



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Legislative basis regulating the relations in this area represented by **7 basic laws** is being constantly improved. The Law **“On Ratification of the Agreement on interaction at emergency situations liquidation between the Governments of the Member-states of Shanghai Organization of Cooperation”** has been recently signed by the Head of the State, its implementation will enable creation of additional guarantee for protection of the population and economic capacity of the Republic and neighboring states against emergency situations of transboundary character.

For implementation of the Decree of the President of the Republic of Kazakhstan **“On Preventive Measures against Emergency Situations on the Territory of the Republic”** the practical measures on regulation of water sources, keeping safe water level, raising hydraulic structures stability, conducting flood control and shore protection works have been continued.



One of the major projects “Protection of Astana city against flooding with the Yessil river water” is being implemented.



65 high complexity hydraulic structures have been constructed on several dangerous water sources of the Republic, including anti-mudflow structures on Medeo and on the Talgar river in Almaty region.



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For regulation of safe operation of transboundary waterworks facilities and big water streams implementation of the existing intergovernmental agreements and protocols with the corresponding government bodies of neighboring countries – Kyrgyzstan, Uzbekistan, Tajikistan, China and Russian Federation - and signing new ones are ensured.



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Preventive descents of snow avalanches are conducted with the use of explosive energy, construction of anti-avalanche snow-retaining structures is carried out.



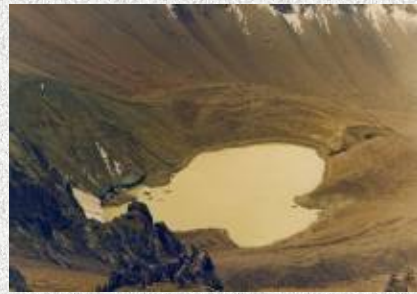
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A number of morainic lakes – sources of high mudflow danger – have been liquidated, the levels of many lakes have been considerably reduced.



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Engineering protection and reinforcement of flanks of mountains subject to big landslides, firstly, near the biggest megapolis of the country – Almaty city are conducted on a regular basis.

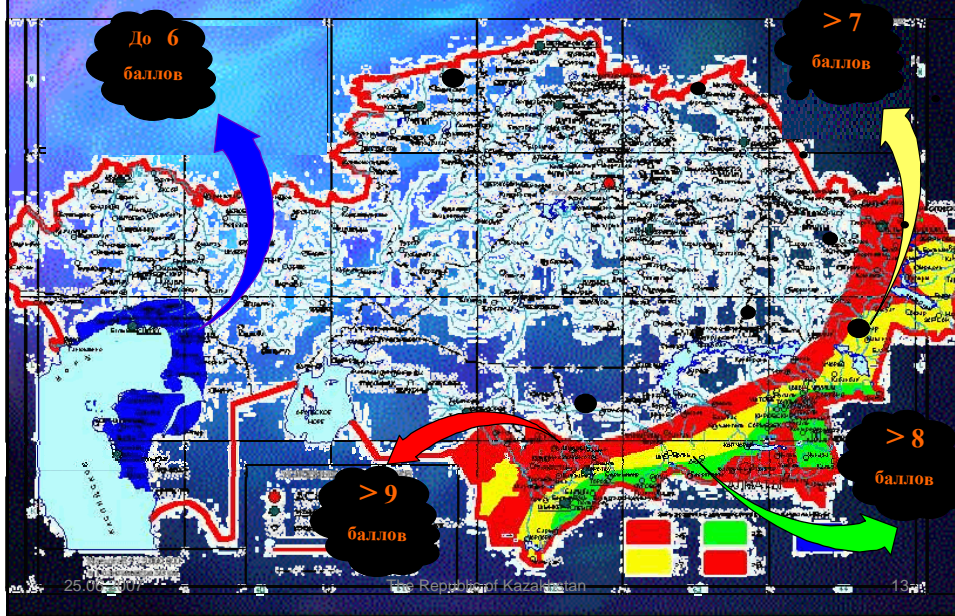


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## Seismic zones

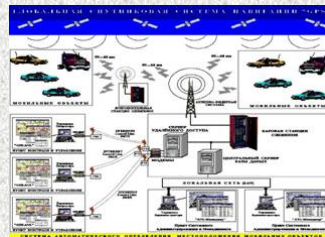


These problems became the object of special interest of the President of the Republic of Kazakhstan. He set tasks to solve in the nearest years the issues of further progressive development of fundamental and applied research in the sphere of seismology, development of new methods of forecasting strong earthquakes, creation of special maps of seismic danger risk assessment, more comprehensive use of capacity of remote sensing of the Earth from outer space.



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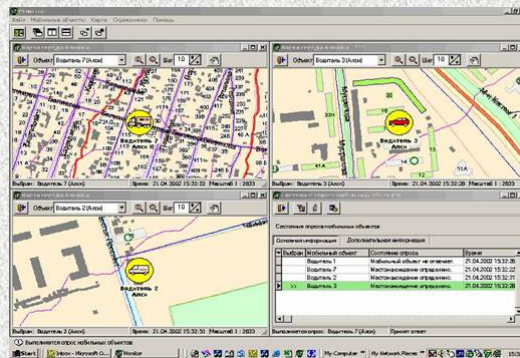
Close cooperation of Kazakhstan scientists with seismologists of China and Russia in the area of development of methods of short-term earthquake forecast has been established. Effective interaction and information exchange with forecast services of Kyrgyzstan, Tajikistan, Uzbekistan and their authorized government bodies in the sphere of prevention and liquidation of emergency situations has been organized.



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Digital seismological stations were installed and local network of space GPS monitoring of strong motions in Almaty was created in 2002 at the expense of the Japanese grant at the amount of 1.2 million USD.



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The actions on correction of plans of preparedness and response to destructive earthquakes in each of the seismic regions of the republic have been completed, grouping of forces and resources assigned to zones of possible disasters has been defined.



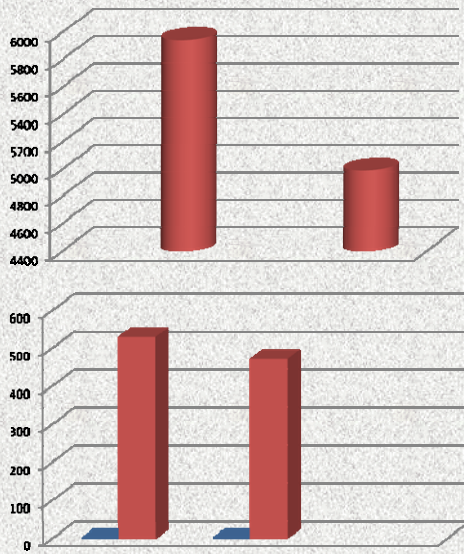
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Concept of prevention and liquidation of natural and man-caused emergency situations and improvement of national system of management in this area

National Program of prevention and liquidation of natural and man-caused emergency situations for 2007-2015

Medium-term Program of the Government of the Republic of Kazakhstan for 2007-2009

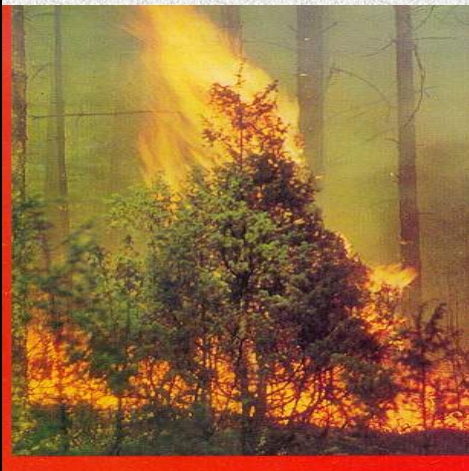
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The undertaken integrated measures allowed to achieve the reduction of the number of emergency situations in the current year by 18.2%, and the number of casualties – by 2.7% as compared to the similar period of 2006.

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The complex of preventive measures was conducted for prevention and liquidation of **forest fires**, their number decreased by more than 4 times.



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Industrial injuries and accidents at the enterprises of nuclear-power complex and at off-shore oil operations on the Caspian Sea were prevented. The level of fatal injuries in dangerous productions of the Republic has been reduced by **10%**. Material damage of categorical industrial accidents for the indicated period in the Republic decreased by a factor of **8** as compared to the similar period of 2006.



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**Over 115,000 people were rescued by the Emergency forces for the indicated period.**

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Our Ministry forces intended for liquidation of emergency situations numbers over 24,000 people and consist of military units of civil defense, rescue units, fire fighting services, militarized mine-rescue, anti-fountain, gas-rescue services, anti-mudflow and air-rescue forces.



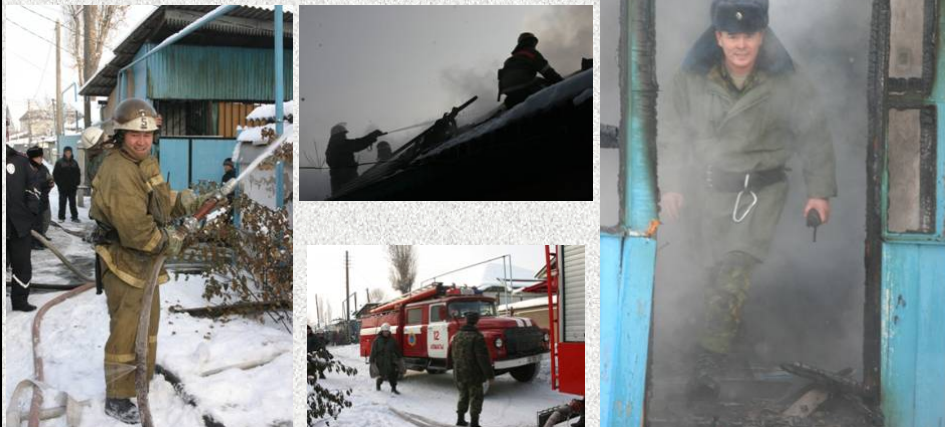
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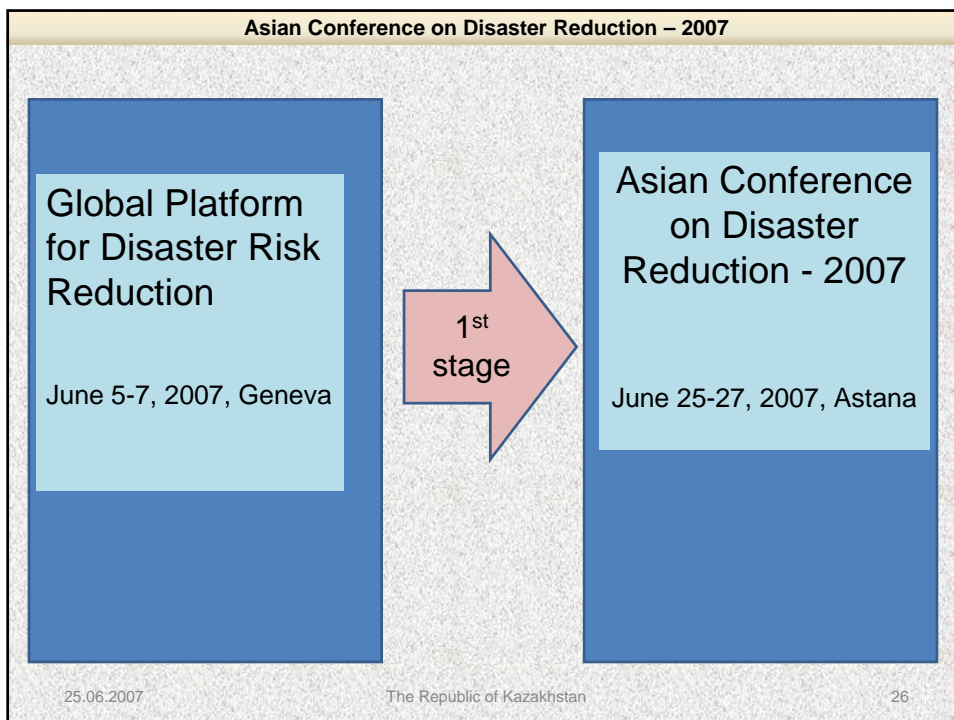
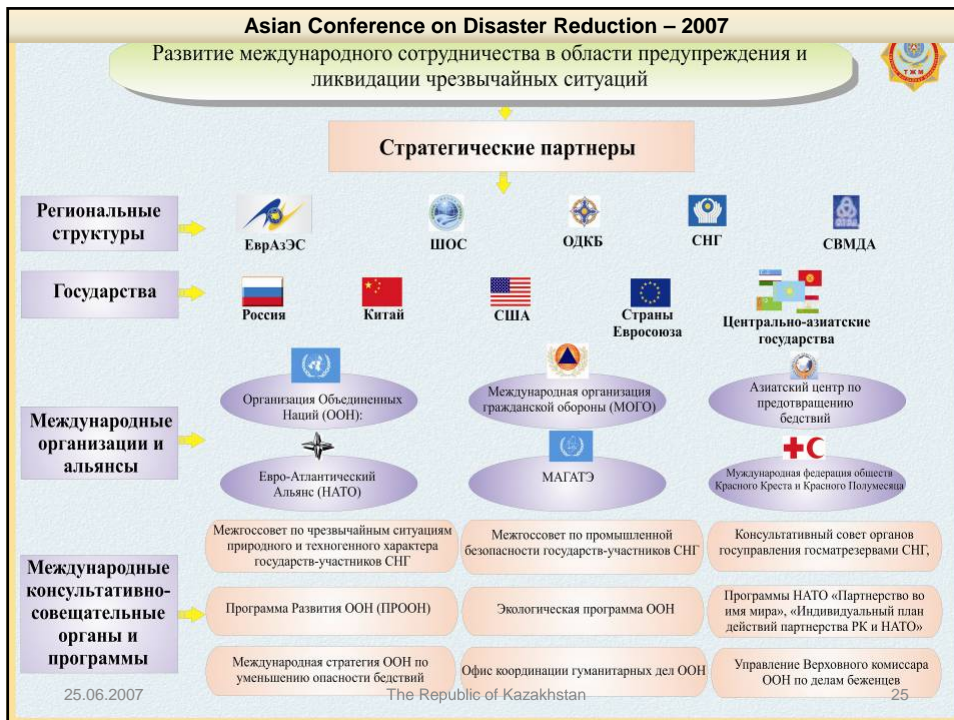
Over 200 trips for liquidation of emergency situations and rescue of people, including more than 100 – to spots of fire, are carried out by them daily.



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## Development Strategies of Kazakhstan up to 2030

Ensuring national security

Protection of the population, economic capacity and territory of the country against negative effects of emergencies, disasters and catastrophes.

The National platform of response to disasters and cataclysms established in the Republic of Kazakhstan allows considerable reduction of the number of victims of their negative effect.



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