



جمهوری تاجیکستان



# REPUBLIC OF TAJIKISTAN



2008/1/30

Rahmonov Suhrobsho

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- **Ninety-three percent of Tajikistan's territory is mountainous, and the mountain glaciers are the source of its rivers. Tajikistan is an earthquake-prone area. The republic is bounded by China in the east, Afghanistan to the south, Uzbekistan and Kyrgyzstan to the west and north. The central Asian republic also includes the Gorno-Badakh Shan Autonomous region**
- **6000-7000 meters above sea level. Tajikistan has experienced three changes in government and a five-year civil war since it gained independence in 1991 from the USSR. Republic of Tajikistan (2000 estimated population 6,995,000),**



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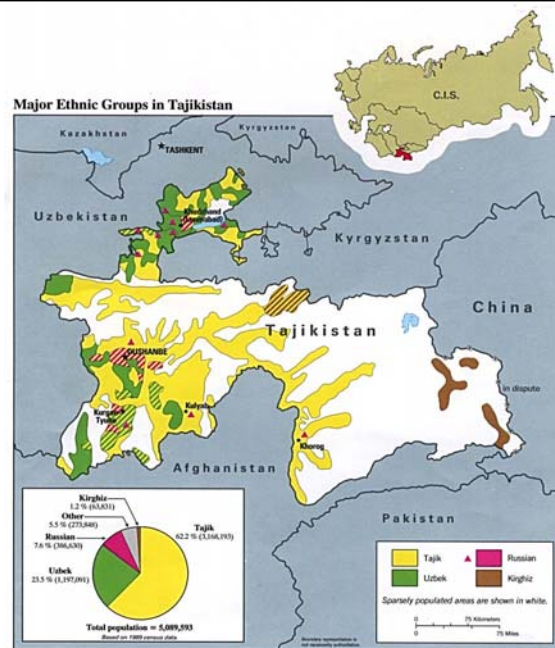
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 <ul style="list-style-type: none"> <li>■ <b>Location:</b></li> <li>■ <b>Central Asia, west of China</b></li> <li>■ <b>Geographic coordinates:</b></li> <li>■ <b>39 00 N, 71 00 E</b></li> </ul>	 <ul style="list-style-type: none"> <li>■ <b>Area - comparative:</b></li> <li>■ <b>slightly smaller than Wisconsin</b></li> <li>■ <b>Land boundaries:</b></li> <li>■ <b>total: 3,651 km</b></li> <li>■ <b>border countries:</b></li> <li>■ <b>Afghanistan 1,206 km, China 414 km, Kyrgyzstan 870 km, Uzbekistan 1,161 km</b></li> </ul>
<ul style="list-style-type: none"> <li>■ <b>Map references:</b></li> <li>■ <b>Asia</b></li> <li>■ <b>Area:</b></li> <li>■ <b>total: 143,100 sq km</b></li> <li>■ <b>water: 400 sq km</b></li> <li>■ <b>land: 142,700 sq km</b></li> </ul> 	<ul style="list-style-type: none"> <li>■ <b>Coastline:</b></li> <li>■ <b>0 km (landlocked)</b></li> </ul> 
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 <ul style="list-style-type: none"> <li>■ <b>Climate:</b></li> <li>■ <b>midlatitude continental, hot summers, mild winters, semiarid to polar in Pamir Mountains</b></li> </ul>	 <ul style="list-style-type: none"> <li>■ <b>Natural resources:</b></li> <li>■ <b>hydropower, some petroleum, uranium, mercury, brown coal, lead, zinc, antimony, tungsten, silver, gold</b></li> <li>■ <b>Land use:</b></li> <li>■ <b>arable land: 5.41%</b></li> <li>■ <b>permanent crops: 0.92%</b></li> <li>■ <b>other: 93.67% (1998 est.)</b></li> </ul>
<ul style="list-style-type: none"> <li>■ <b>Elevation extremes:</b></li> <li>■ <b>lowest point: Syr Darya (Sirdarya) 300 m</b></li> <li>■ <b>highest point: Gullai Ismaili, Somoni 7,495 m</b></li> </ul> 	<ul style="list-style-type: none"> <li>■ <b>Irrigated land:</b></li> <li>■ <b>7,200 sq km (1998 est.)</b></li> <li>■ <b>Natural hazards:</b></li> <li>■ <b>Earthquakes and floods</b></li> </ul> 
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- **Total fertility rate:**
- 4.17 children born/woman (2003 est.)
- **Nationality:**
- *noun:* Tajikistani's)
- *adjective:* Tajikistani
- **Ethnic groups:**
- Tajik 64.9%, Uzbek 25%, Russian 3.5% (declining because of emigration), other 6.6%
- **Religions:**
- Sunni Muslim 85%, Shi'a Muslim 5%
- **Languages:**
- Tajik (official), Russian



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- **Country name:**
- **Republic of Tajikistan**
- **Administrative divisions:**
- 3 provinces and 1 autonomous province & 36 districts;
- **chief of state: President Emomali RAHMONOV** (since 6 November 1994; head of state and Supreme Assembly chairman since 19 November 1992)



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- **International organization participation:**
- **AsDB, ADRC, CIS, EAPC, EBRD, ECE, ECO, ESCAP, FAO, IAEA, IBRD, ICAO, ICCT, ICRM, IDA, IDB, IFAD, IFC, IFRC, ILO, IMF, IOC, IOM, ITU, OIC, OPCW, OSCE, PFP, SCO, UN, UNCTAD, UNESCO, UNIDO, UPU, WCO, WFTU, WHO, WIPO, WMO, WTrO (observer)**

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- **ECONOMY - OVERVIEW:**

- Economic summary: GDP/PPP (2001 est.): \$7.5 billion; per capita \$1,140. Real growth rate: 8.3%. Inflation: 33%. Unemployment: 20%. Arable land: 5%. Agriculture: cotton, grain, fruits, grapes, vegetables; cattle, sheep, goats. Labor force: 3.187 million (2000); agriculture 67%, industry 8%, services 25% (2000 est.). Industries: aluminum, zinc, lead, chemicals and fertilizers, cement, vegetable oil, metal-cutting machine tools, refrigerators and freezers.



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## **DISASTER MANAGEMENT OVERVIEW OF TAJIKISTAN**

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### **Main Actors**

- **State Commission on Emergency Situations under the President of RT**
- **Ministry of Emergency Situations and Civil Defense**
- **Institute of Geology, Seismology and Seismic Construction**
- **REACT (Rapid Emergency Assessment and Coordination Team)**
- **UN Country Team**
- **IFRC and Tajik Red Crescent Society**
- **NGO Community**
- **Others**

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### TOP 10 DISASTERS IN TAJIKISTAN

Disaster	Date	Affected
Drought	May 2000	3,000,000
Flood	27 May, 1996	180,000
Flood	8 May, 1993	75,357
Drought	May 2001	67,500
Flood	25 May, 1992	63,500
Flood	23 April, 1998	43,974
Earthquake	31 October 2000	17,000
Epidemic	13 February, 1997	15,618
Flood	12 July, 1999	9,392
Flood	5 July, 1994	6,051

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### TOP 10 DISASTERS IN TAJIKISTAN

Disaster	Date	Killed
Flood	25 May, 1992	1,346
Land slide	13 May, 1992	243
Epidemic	13 February, 1997	168
Flood	23 April, 1998	57
Land slide	19 November, 1997	40
Epidemic	31 May, 1996	32
Flood	12 July, 1999	27
Land slide	18 March, 1992	12
Land slide	23 February, 1998	11
Flood	8 May, 1993	5

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## Disaster Scaling

- **Four levels of disaster scaling**
  1. **Object level (enterprise, farm, village)**
  2. **District level**
  3. **Regional level**
  4. **Central/National level**

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## Disaster Typology

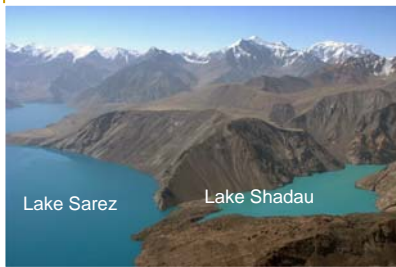
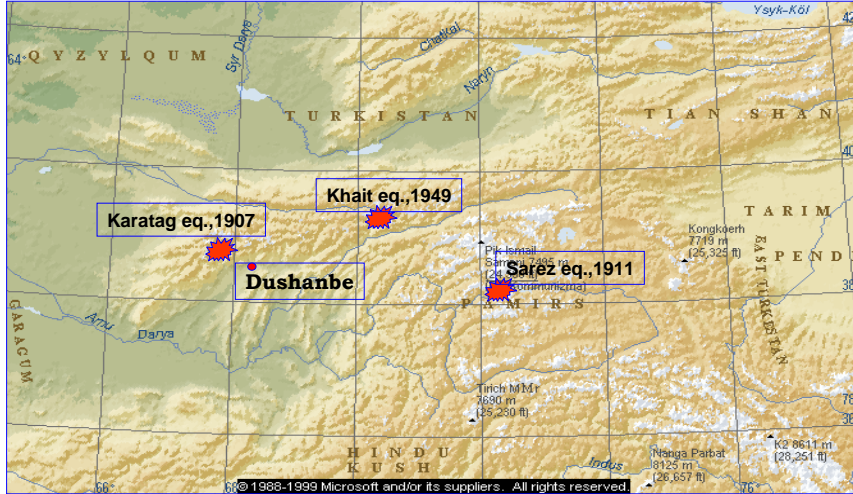
Category	People affected	Households livelihoods disrupted	Extent of material damage	Area affected
Object (economic entity) emergency	< 10	<100	<10,000 Times minimum salary	Within the limits of the affected entity
District/Rayon Emergency	10-50	100-500	10,000-50,000 Times minimum salary	Within the district limits
Regional/Oblast emergency	50-100	500-1,000	10,000-50,000 Times minimum salary	Within the boundaries of one region
National/Republican Emergency	100-500	>1,000	500,000-1,000,000 Times minimum salary	2 adjacent regions or 3 districts of Republican subordination
Boundary Emergency	-	-	-	Neighboring states as well as Tajikistan

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## Earthquake



Lake Sarez

Lake Shadav



Lake Sarez



Lake Sarez

Lake Shadav

### Lake Sarez

length – 55.8 km; absolute surface height – 3,263 m above MSL; maximum width – 3.3 km; maximum depth – 500 m; maximum water volume – 16.074 km<sup>3</sup>; received balance – 47.1 m<sup>3</sup>/sec = 1,487 million M<sup>3</sup>/year; surged balance – 47.7 m<sup>3</sup>/sec = 1,505 million m<sup>3</sup>/year; maximum seasonal fluctuation of the lake level – 12 m.



**LSRMP**  
**Ministry of Emergency Situations and Civil Defense**  
**Republic Of Tajikistan**

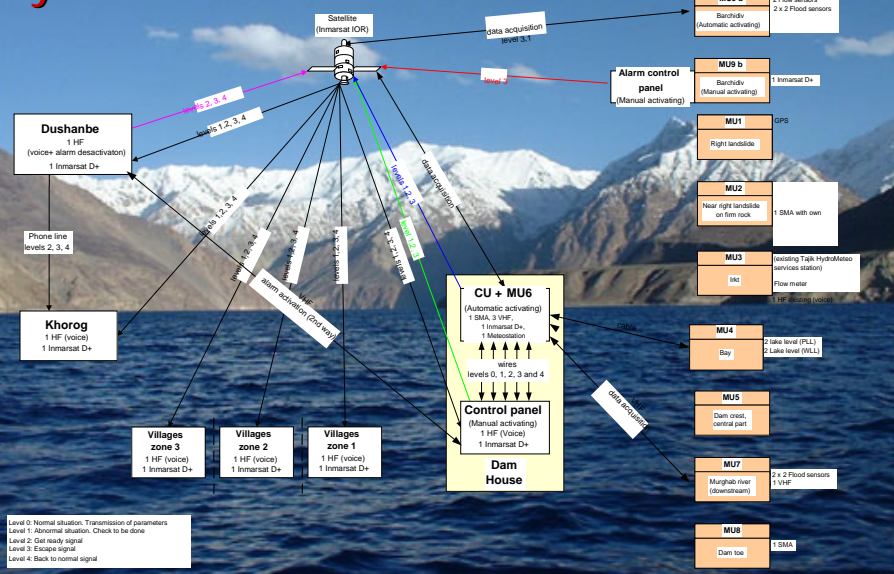
Financing Plan of the LSRMP (million USD)	
The Government of the Republic of Tajikistan	- 0.17
International Development Agency (IDA)	- 0.47
Swiss Government (seco)	- 2.90
United States Agency for International Development (USAID)	- 0.25
Aga Khan Foundation (AKF)	- 0.50
<b>TOTAL</b>	<b>- 4.29</b>
<b>The components of the project:</b>	
<b>Component A</b>	<b>- 2.5 (seco)</b>
<b>Component B</b>	<b>- 0.7 (0.5 AKF and 0.2 USAID)</b>
<b>Component C</b>	<b>- 0.4 (seco)</b>
<b>Component D</b>	<b>- 0.64 (0.47 IDA; 0.17 Republic of Tajikistan)</b>

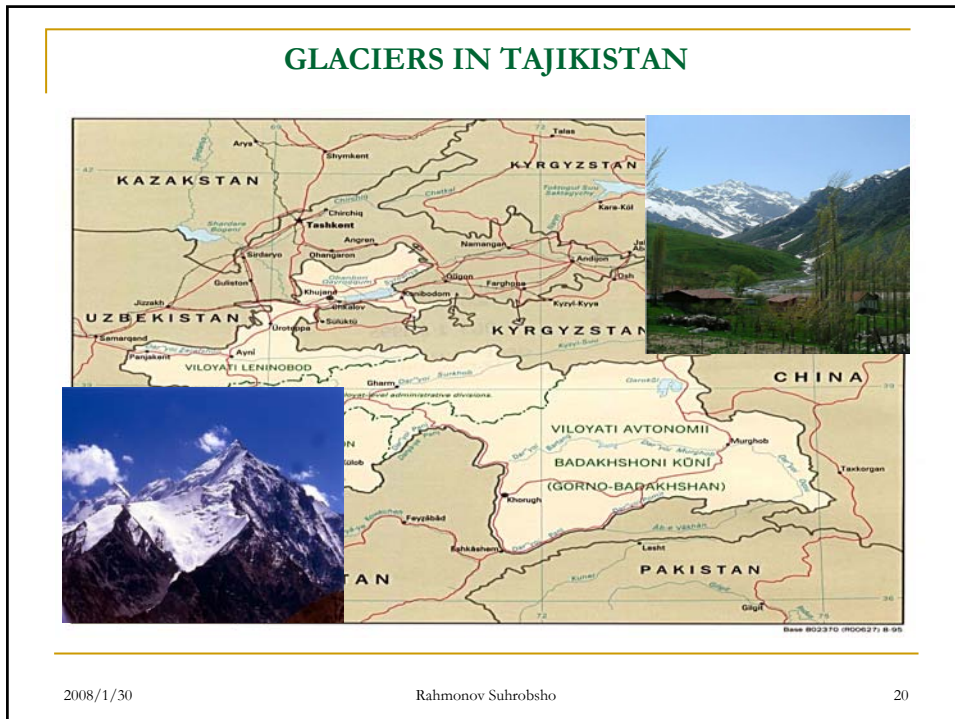
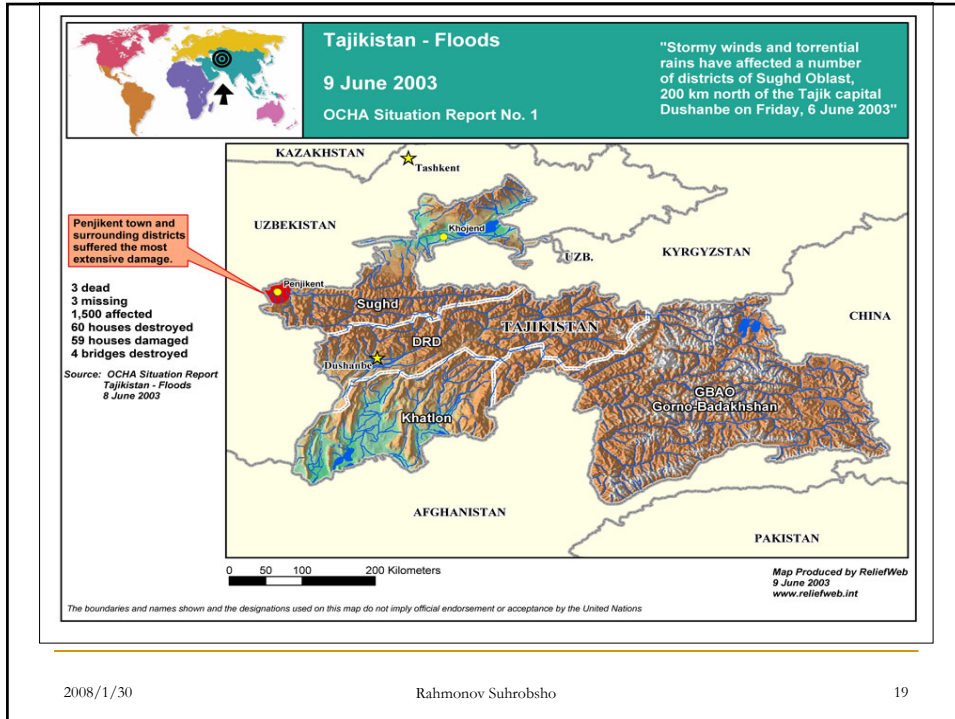
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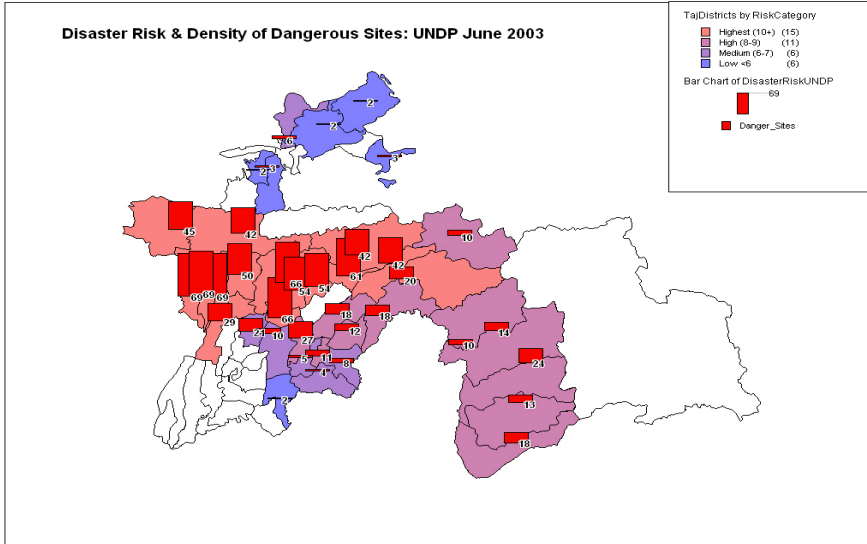
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# Transmission System





## Risk Category

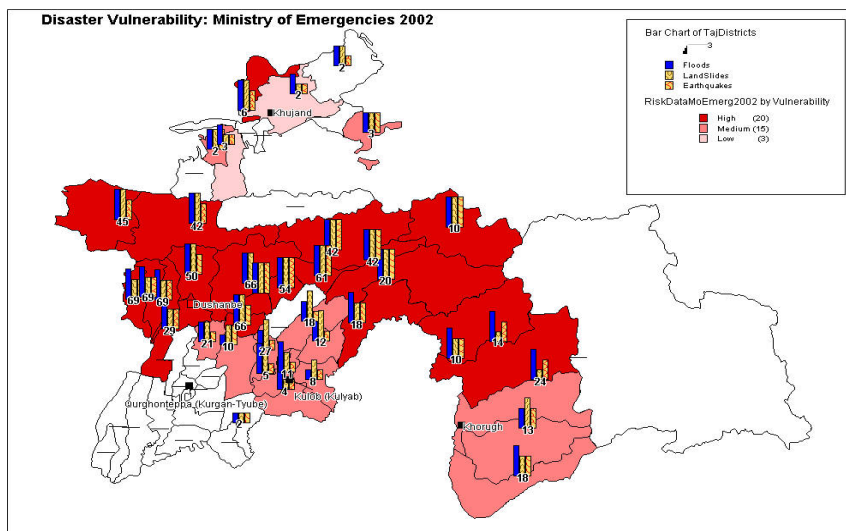


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## Disaster Vulnerability

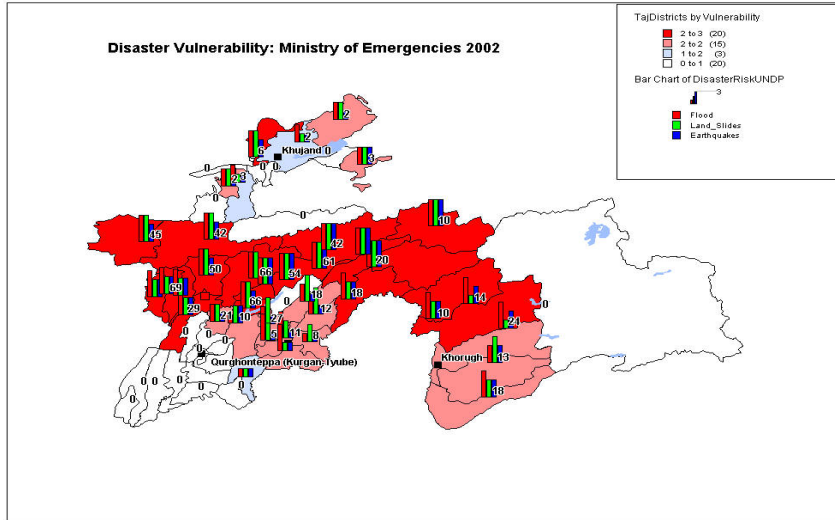


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## Disaster vulnerability



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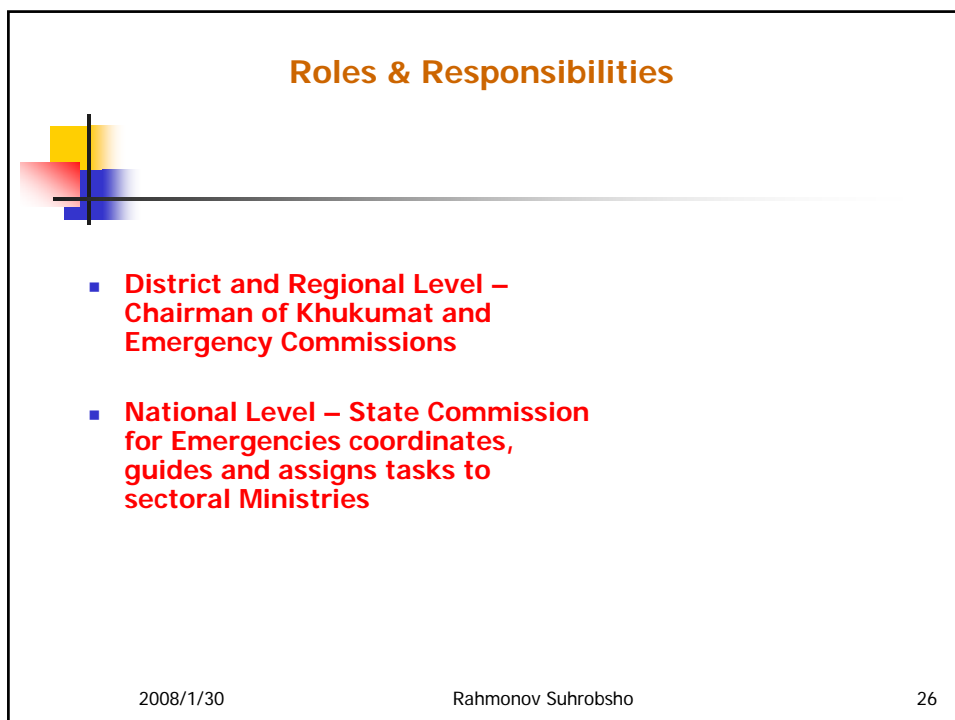
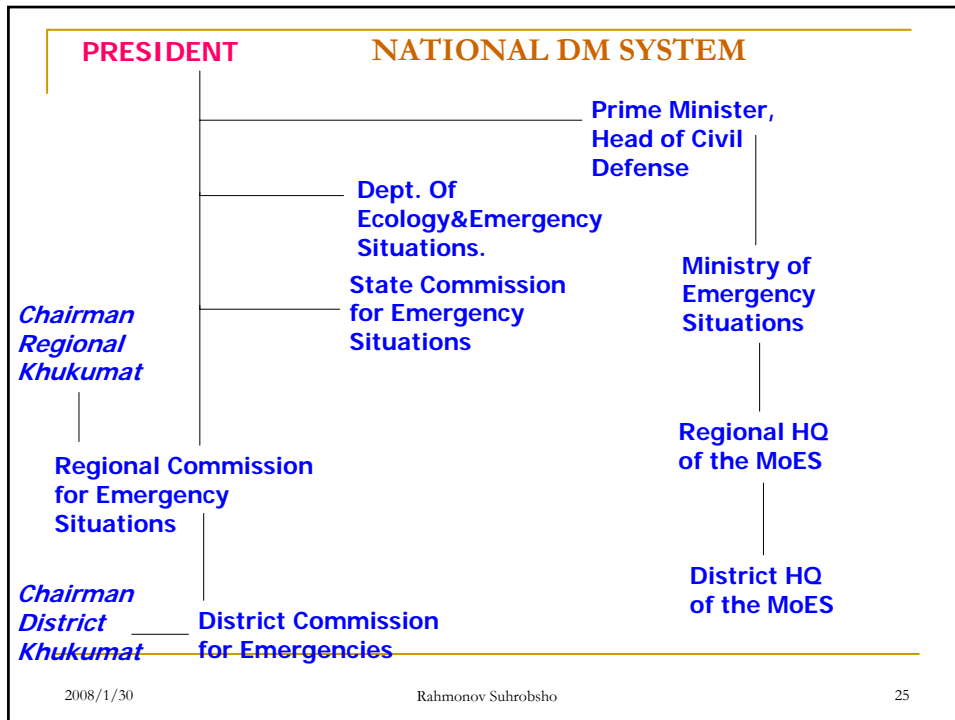
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## Expectations


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- **Improved cooperation and coordination among main stakeholders, i.e. mechanism for regular information exchange**
  - **National Natural Disaster Risk Reduction Programme for Tajikistan**
  - **National Disaster Preparedness Plan for RT**
  - **Better utilization of all existing in-country assets**
  - **Institutional capacity building, i.e. Regional Crisis Management Institute**

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## International Community

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- **REACT: information exchange, coordination of efforts, joint assessment**
  - **IFRC/TRCS: public awareness programme, training programmes, supporting non-governmental rescue teams**
  - **UNDP: Preparatory Assistance Project for Natural Disaster Risk Reduction**

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**Ministry of Emergency  
Situations and Civil Defense  
Republic of Tajikistan**



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**The responsibility of the  
Ministry of Emergency Situations & Civil  
Defense**

- **The Ministry of Emergency Situations and Civil defense of Republic Tajikistan is the state authority specially authorized on the decision of problems in the field of protection of the population and territory from extreme situations natural and ethnogeny the character, conducting a uniform state policy and carrying out the government in the field of the prevention and liquidations of emergency situations, and also coordination of activity republican**



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## Legislative-normative base of Republic Tajikistan

- Constitution RT
- The Laws making changes and additions in constitution
- the Constitutional laws, the decrees of President RT valid for the law, regulating separate questions in area CHS
- Normative decrees of President RT
- Normative decisions Madzhlisi Oli
- Normative governmental orders  
Normative orders of the Ministry of Emergency Situations and other central agencies
- The Law « About civil defense
- The law « About hydro meteorological activity »
- The Law on wildlife management RT
- The Law on protection of atmospheric air
- The State ecological program
- The State program of ecological education and formation of population
- The Qualifier of extreme situations natural and ethnogeny character
- The Law on protection of population
- The Law on the status of the rescuer



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## PERSONNEL POTENTIAL

- Preparation:
- Qualified personnel
- Experts of rescuers
- Experts on forecasting of emergency situations
- Medical personnel
- Experts on carrying out of no production actions
- Training of experts
- Improvement of professional skill



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## INTERNATIONAL CO-OPERATION

- The Conclusion of interstate contracts
- Co-operation with international organizations
- Participation in realization of the international programs

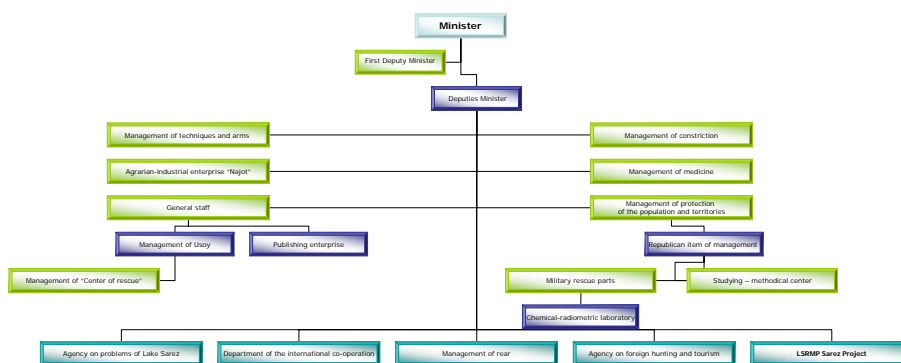


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## STRUCTURE

### Ministry of Emergency Situations & Civil Defense



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**THANK YOU!**



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