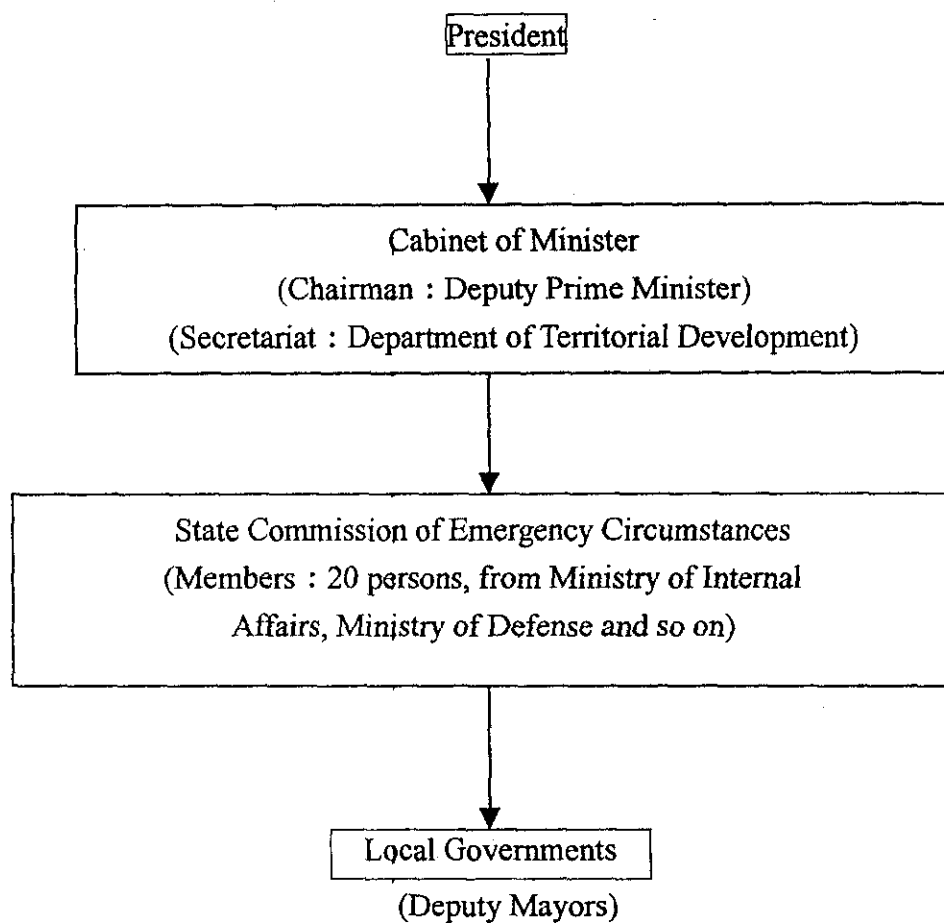
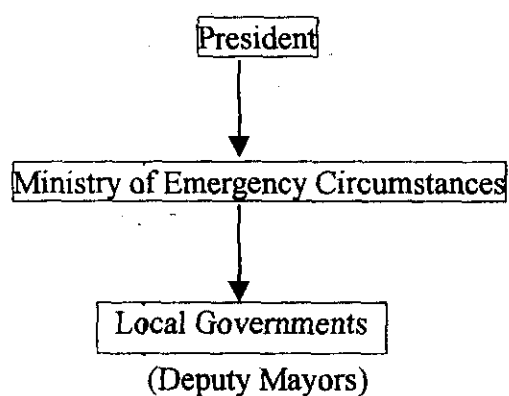


Structure of State Commission of Emergency Circumstances

At Present



At Future



There are many faults, extending in almost all directions, in our country. An area surrounded by faults is called a block, and there is a total of 26 blocks in our country. Earthquakes are likely to occur at points where these faults cross each other in our country.

There are a total of 10 earthquake observation wells in our country. As a result of observations through these earthquake observation wells, it has been found out that there are changes in the water level and vibrations before earthquakes occur. However, our country is desirous to conduct more detailed observations through replacement of outdated observation instruments.

It is important to continue research on earthquake prediction, but it is more important to construct buildings, which are more resistant to earthquakes from the standpoint of disaster prevention.

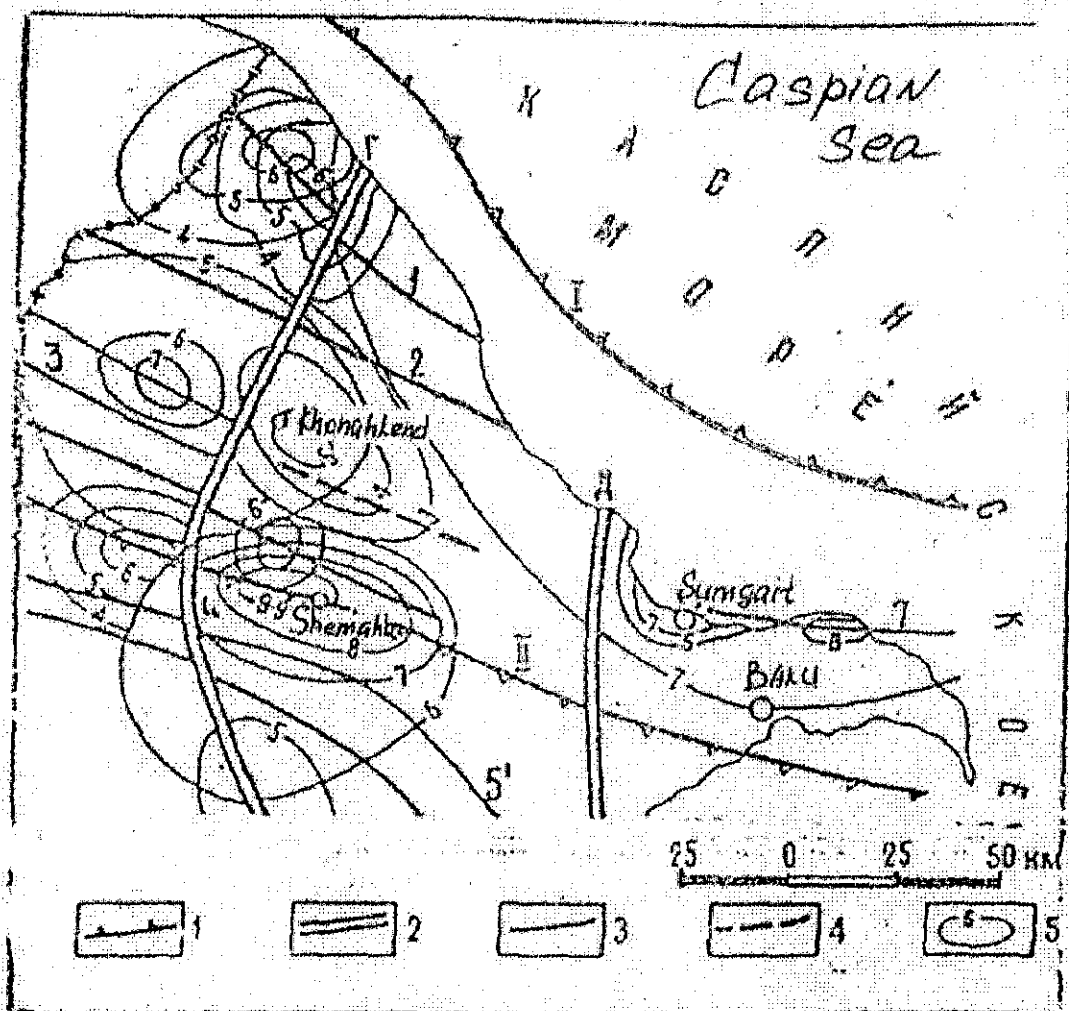
6) The Azerbaijan Institute of Technology

The Azerbaijan Institute of Technology has a total enrollment of 5,000 and is our country's only college with a department of architecture. At this college, research is conducted on structures, civil engineering structures and seismic structures. Training of the college's students and cooperative research works are to be carried out at the Project.

Drawings of Faults in Azerbaijan



Scheme of Deep-laid Faults And Earthquakes of Azerbaijan Part of Big Caucasus



Pic. 2: Scheme of deep-laid faults and earthquakes of Azerbaijan part of Big Caucasus

1. Edge faults: I. Mahachkala/Krasnovodsk, II. Vandam
2. Deep faults, transversal to the structure of Caucasus; F. West-Caspian; D. Yashmin
3. Faults between blocks: 1. Yalama-Khudat; 2. Siazan; 3. Main Caucasian; 5. Adjichay-Alat; 6. Zangin; 7. Mashtagi
4. Particular structural damages
5. Isoseismal lines of earthquakes

List of Earthquakes with $M_{LE} \geq 5$ Occurred in Azerbaijan And Adjoining Territories

From the Beginning of the Millennium to 1999

No.	Date Day, month, year	Region	Magnitude	J_0	Casualties (number of victims and failures)
1.	427	Small Caucasus	6.7	9	No information
2.	855	Tebriz	5.3	7-8	Ruins
3.	891	Ardebil	6.3	8-9	Ruins and great number of victims
4.	906	Nakhichevan	5.7	8	Ruins and great number of victims
5.	957	Caspian Sea	5.5	7	No information
6.	04.11.1042	Iran	6.3	8-9	No information
7.	1123	Gandja	4.7	6-8	No information
8.	1139	Gandja	6.8	9	Ruins and great number of victims (200-300 thsd. persons), creation of Gey-Gol lake
9.	1235	Gandja	5.7	8	Ruins, clefts and cracks in the earth
10.	1667	Shemakha	6.9	9-10	Death of 80 thsd. persons, great ruins and downfalls
11.	1669	Shamakha	5.7	9	Death of 6-7 thsd. persons, damages in

					the city; Lachi village was ruined
12.	1764	Dagestan	5.1	6	No information
13.	09.08.1828	Shemakha	5.7	8	Destruction of 233 buildings, damage of 200 buildings; small number of victims
14.	1842	Mashtagi	4.5	8	Surface site; 700 buildings were ruined; 5 cases of severe contusion
15.	11.06.1859	Shemakha	5.9	8-9	Almost all buildings were ruined of damaged severely; 700 persons died, 300 persons were injured
16.	13.05.1860	Iran	5.2	6	No information
17.	23.07.1867	Zurnabad (Gandja)	5.8	7-8	Many buildings were ruined
18.	18.03.1868	Small Caucasus (Agdam)	6.3	7	Damages and cracks on walls in many built-up areas
19.	02.09.1869	Shemakha	5.0	8	In Sundi village all buildings were ruined. In other villages – 227 buildings were ruined, 987 buildings were

					damaged. 1 person died
20.	28.01.1872	Shemakha	5.7	8-9	Almost entire Shemakha city was ruined, 139 pers.-died, 44 pers. were injured. In 15 villages 136 buildings were ruined, 160 – were damaged; no victims
21.	13.02.1902	Shemakha	6.9	8-9	7000 buildings were damaged of ruined completely, 146 persons died; vast landslides, downfalls, cracks in the earth
22.	16.02.1902	Barda	5.2	5-6	No information
23.	21.02.1902	Kuba	5.6	7	Cracks on the walls of houses
24.	05.06.1904	Shemakha	5.1	6	Cracks on the walls of houses
25.	20.02.1906	Kuba	5.9	6	Cracks on the walls of houses
26.	04.12.1910	Talysh			Earth tremors
27.	07.06.1911	Caspian Sea	6.4	6-7	In Baku and on Zhiloy island the plaster has fallen off,

					crack on walls arose
28.	25.03.1913	Dagestan	5.7	7	In Kasumkend and Derbent some old buildings were ruined
29.	16.04.1913	Lenkoran	5.1	7	Cracks on the walls of buildings, destruction of furnaces and chimneys; no victims
30.	14.05.1916	Small Caucasus	5	6	Cracks on the walls of buildings; no victims
31.	19.02.1924	Iran	6.6	8	Sizable damages of buildings, old constructions were ruined, no victims
32.	27.04.1931	Zangezur	6.3	8-9	100 villages were damaged, 100 persons died
33.	29.10.1934	Garabag	5.7	6-7	Cracks on the walls of buildings, no victims
34.	21.12.1938	Adjikend (Gandja)	4.4	6	Sizable damages, no victims
35.	29.06.1948	Dagestan	6.1	7	Sizable damages, including victims
36.	18.09.1961	Caspian Sea	6.6	7	No information

37.	27.01.1963	Caspian Sea	6.2	7-8	No information
38.	20.04.1966	Gasumkend	5.4	8	Sizable damages and partial ruins of building, no victims
39.	17.06.1968	Ismailly	4.6	6-7	Sizable damages and partial ruins of building, no victims
40.	11.10.1968	Nakhichevan	4.7	8	No special consequences, no victims
41.	05.10.1968		5.4	8	No victims and damages
42.	20.12.1971	Kuba-Kusar	5.5		Sizable damages and partial ruins of building, no victims
43.	03.02.1972	Shemakha	4.9		Some buildings were damaged, no victims
44.	14.12.1973	Khudat-Kuba	5.1		No victims and damages
45.	04.08.1974	Sheki-Zakatal	5.2		Sizable damages, some building were ruined, no victims
46.	01.05.1980	Astara-Djalilabad	6.2		Caused damages in Northern Iran, no victims
47.	29.11.1981	Ismailly	5.4		Partial ruining of very old buildings, sizable

					damages, no victims
48.	06.03.1986	Caspian Sea	5.8		No victims and damages
49.	28.02.1997	Ardabil	4.8		A lot of old buildings in villages were ruined
50.	18.06.1996	Nakhichevan	5.0		Cracks on walls of buildings, no victims
51.	09.07.1998	Lenkoran-Lerik	5.0		Old buildings were ruined, no victims, but injured
52.	04.06.1999	Agdam	5.0		Some buildings were damaged, cracks on walls, no victims

