

Dear Dr. _____

With my great pleasure invite you to take part in the VII International Conference on the topic "Seismology and Engineering Seismology", organized by the Republican Seismic Survey Center of the Azerbaijan National Academy of Sciences and the Ministry of Emergency Situations of the Republic of Azerbaijan, and dedicated to the 100th anniversary of the birth of Nationwide Leader Heydar Aliyev.

The conference will be held on June 6-9, 2023 in Baku, the capital of the Republic of Azerbaijan.

The opening of the conference will take place on June 06, 2023 at 11:00 in the Shusha Hall of Central Scientific Library of Azerbaijan National Academy of Science (Address:129, Huseyn Javid ave., Baku city)

















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Participants of the VII International Conference - countries

 <p>Azerbaijan</p>	 <p>Turkey</p>
 <p>USA</p>	 <p>Japan</p>
 <p>Germany</p>	 <p>Russian Federation</p>
 <p>Great Britain</p>	 <p>Kazakhstan</p>
 <p>Republic of South Africa</p>	 <p>Georgia</p>
 <p>Italy</p>	 <p>Uzbekistan</p>
 <p>Israel</p>	 <p>Algire</p>
 <p>Qatar</p>	 <p>Morocco</p>



Ministry of Emergency Situations of the Republic of Azerbaijan



Azerbaijan National Academy of Sciences



Republican Seismic Survey Center of the Azerbaijan National Academy of Sciences

VII INTERNATIONAL CONFERENCE

PROGRAM

VII International Conference
"Seismology and Engineering Seismology"
dedicated to the 100th anniversary of the
Nationwide Leader Heydar Aliyev
(06-09 June, 2023)

BAKU – 2023

Monday, June 05

Arrival of the conference participants in Baku. Meeting at the airport named after Heydar Aliyev, accommodation at the Mogan Hotel Baku.

Tuesday, June 06

9⁰⁰-10⁰⁰ Visiting the grave of national leader Heydar Aliyev in the Alley of Honor;

10⁰⁰-11⁰⁰ – Registration of conference participants;

11⁰⁰-12⁰⁰ Opening of the VII International Conference (Shusha Hall of Central Scientific Library of Azerbaijan National Academy of Science)

– Introductory speech by the President of the National Academy of Sciences of Azerbaijan, Academician Isa Habibbayli;

– Introductory speech by the President of TUBITAK Prof.Dr. Hasan Mandal;

– Introductory speech by the rector of the Azerbaijan University of Architecture and Construction, Professor Mammadova Gulchohra;

– Introductory speech by the Deputy Minister of Emergency Situations of the Republic of Azerbaijan Lieutenant General Etilbar Mirzayev

12⁰⁰-12²⁰ Coffee-brake

Conference participants' speeches:

Chairman: Vice-president of ANAS, academician Ibrahim Guliyev (Azerbaijan)

12²⁰-12⁴⁰ Gurban Yetirmishli. 120th anniversary of the creation of seismic observation network in Azerbaijan, development of seismological and seismic prognostic researches (Azerbaijan);

12⁴⁰-13⁰⁰ Eric Sandvol. High Frequency Regional Phase Attenuation in The Caucasus and Surrounding Region (USA);

13⁰⁰-13²⁰ Tayyar Huseynli. Prospects for improvement of Azerbaijan's "Construction in Seismoactive regions" norms (Azerbaijan);

13²⁰-13⁴⁰ Doğan Kalafat. An overview of Turkey's Seismicity (Turkey);

13⁴⁰-14⁰⁰ Akper Feyzullayev. Features of fluid dynamics in the South Caspian basin and factors controlling them (Azerbaijan);

14⁰⁰-15⁰⁰ Lunch

Conference participants' speeches:

Chairman: Academician Galib Afandiyev (Azerbaijan)

15⁰⁰-15²⁰ Andrzej Kijko. Seismic hazard analysis—in 50 years perspective (Republic of South Africa);

15²⁰-15⁴⁰ Fakhraddin Habibov – About the influence of physical fields caused by seismic activation on the intensification of landslide processes (Azerbaijan);

15⁴⁰-16⁰⁰ Danabayeva Aygul. Refinement of the initial seismicity of the territory of Almaty city in connection with the microzoning of its territory (Kazakhstan);

16⁰⁰-16²⁰ Tea Godoladze. Seismic monitoring system of Georgia (Georgia);

16²⁰-16⁴⁰ Coffee-brake

16⁴⁰-17⁰⁰ Ibragim Kerimov. Seismological investigations at the Karbon site of the Chechen Republic. (Russia);

17⁰⁰-17²⁰ Boris Trifonoff. The problem of seismic hazard assessment on the Caspian shelf (Russia);

17²⁰-17⁴⁰ Olga Kurilova. Geological and geophysical basics for assessing the seismic hazard of East Kazakhstan (Kazakhstan);

17⁴⁰-18⁰⁰ Ian Pierce. Surface Rupturing Earthquakes of the Greater Caucasus Frontal Thrusts, Azerbaijan (Great Britain);

Wednesday 07 June

Conference participants' speeches:

Chairman: Academician Akper Feyzullayev (Azerbaijan)

10⁰⁰-10²⁰ Namaz Yusubov. Integrated interpretation of seismic, seismological and geodetic monitoring data as a tool for understanding the mechanism of geodynamic processes (Azerbaijan);

10²⁰-10⁴⁰ Andrea Chiang. Seismic Network Expansion in the Caucasus and Central Asia (SNECCA) (USA);

10⁴⁰-11⁰⁰ Anastasia Nekrasova. General similarity law for earthquakes: assessment of seismic hazard and associated risks (Russia);

11⁰⁰-11²⁰ Nigar Garayeva. Methods of consideration for anomalous changes in the physical and mechanical properties of soils during earthquakes in the areas of construction work (Azerbaijan);

11²⁰ - 11⁴⁰ Coffee-brake

11⁴⁰-12⁰⁰ Chingiz Aliyev. Dominant frequencies of soil and their influence on the level of volume activity of the subground radon (on the example of the Baku city) (Azerbaijan);

12⁰⁰-12²⁰ Valeh Aliyev. Study of effectiveness of 'outrigger and belt' systems in ensuring earthquake resistance of high buildings (Azerbaijan);

12²⁰-12⁴⁰ Alexey Morozov. Experience in using the MEE method for medium-term earthquake prediction and prospects for its development (Russia);

12⁴⁰-13⁰⁰ Ivan Popkov. "Slow earthquake" in the Kerch-Taman mud volcano region (Russia);

13⁰⁰ – 14⁰⁰ Lunch

Conference participants' speeches:

Chairman: Professor Andrzej Kijko (Republic of South Africa)

14⁰⁰-14²⁰ Svyatoslav Milanovsky. Seismic impacts on permafrost under the conditions of its degradation (Russia);

14²⁰-14⁴⁰ Vasiliy Popkov. About the newest tectonic deformations and seismic hazard of the Scythian-Turanian platform (Russia)

14⁴⁰-15⁰⁰ Rovshan Rzayev. Seismic protection of buildings using seismic isolation devices (Azerbaijan);

15⁰⁰-15²⁰ Olga Pavlenko. Radiation directivity effects of great sources on the example of catastrophic earthquakes in Japan and Turkey (Russia);

15²⁰-15⁴⁰ Coffee-brake

Conference participants' speeches:

15⁴⁰-16⁰⁰ Lev Eppelbaum. Sea of Galilee seismicity and its connection with potential geophysical fields (Israel);

16⁰⁰-16²⁰ Djillali BENOVAR. A methodology for the re-evaluation of the seismicity in the Maghreb countries –Algeria, Morocco, Tunisia (Algeria);

16²⁰-16⁴⁰ Sabina Kazimova. Calculation of the moment magnitude and focal mechanism of earthquakes for the territory of Azerbaijan (Azerbaijan);

16⁴⁰-17⁰⁰ Zhonibek Bozorov. Features of changing the engineering-geological and seismic properties of subsiding soil bases using the deep soil mixing method (Uzbekistan);

17⁰⁰-17²⁰ Mohamed Rouai. Temporal scaling properties of some seismic sequences following important earthquakes in northern Morocco (Morocco);

17²⁰-17⁴⁰ Saida Ismayilova. Dynamics of development of the seismicity in the Karabakh zone (Azerbaijan);

Poster reports

1. Gulnara Jabrayilova . New method research on seismic resistance of bent reinforced concrete elements of the constructions that are based on a nonlinear deformation model (Azerbaijan);
2. Amina Shirinova. Analysis of spatial distribution of landslides and earthquake significance for the northeastern slope of the Lesser Caucasus (Azerbaijan);
3. Fovzi Guliyev. Basic requirements for the construction of buildings and facilities in seismic areas (Azerbaijan);
4. Shakir Mammadov. Influence of seismic loadings on strength and deformative characteristics of construction materials (Azerbaijan);
5. Jamila Imamaliyeva. Study of soil conditions for seismic hazard of the construction site (Azerbaijan);
6. Tural Babayev. Numerical Earthquake Ground Motion Modeling for Southern Slope of Greater Caucasus (Azerbaijan);
7. Shirin Islamova. Effect of water level change on man-made seismicity and exogenous geological processes in Mingachevir water basin (Azerbaijan);
8. Rugiyya Karimova. Methods and technologies for collecting, processing, researching data from the seismological network of Azerbaijan (Azerbaijan);
9. Zohrab Aliyev. Impact of magneto-seismicity to earthquake hazard analysis (Azerbaijan);
10. Zaur Bayramov. Clustering-based analysis of the Gunnels et al. (2021) seismic catalog of the Eastern Caucasus region (Azerbaijan);
11. Nadirshah Khanbabayev. The relationship between seismomagnetic effect with the strong earthquakes ($m_l \geq 4.5$) occurred in the Yevlax-Agjabedi region and Kura Basins (Azerbaijan);
12. Rabadan Magomedov. Seismotectonics and seismicity of the northeastern segment of the Eastern Caucasus (Russia);

13. Kamshat Kolumbetova. On the relationship between the dynamics of modern motion parameters of GPS points and earthquakes. (Kazakhstan);
14. Alisher Ibragimov. The problem of discrimination of explosions. (Uzbekistan).
15. Ilyas Kazimov. Monitoring of geodynamic processes in the territory of Azerbaijan by the method of satellite geodesy (Azerbaijan);

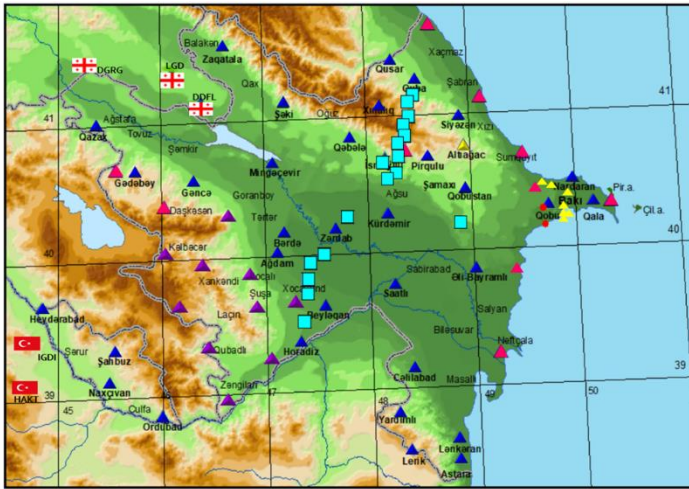
Thursday 08 June

08⁰⁰ - Drive from Baku city to Shusha city.
Closing of the VII International Conference

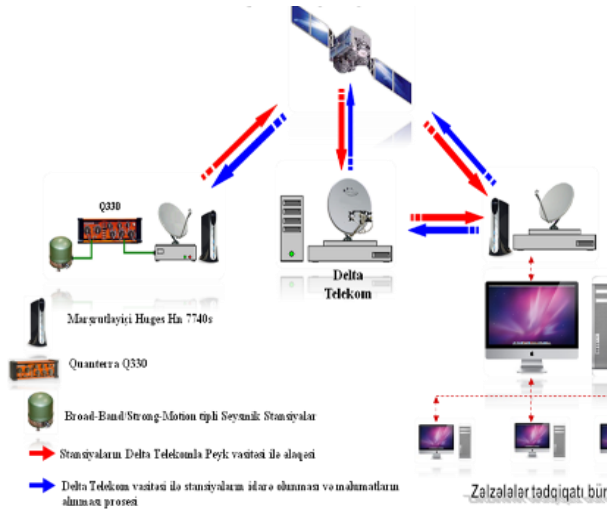
Friday 09 June

Departure of the participants of the VII International Conference from Baku.

Network of seismic telemetry stations of RSSC ANAS



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| <ul style="list-style-type: none"> ▲ - Telemetric s/st (35st.) ■ - Caucasus Transect s/st (17st.) ▲ - Strong Motion st (10st.) | <ul style="list-style-type: none"> ▲ - STCU P750 project Posthole and SemiBroadband seismic stations (10 st.) ★ - STCU P750 project Mud Volcano stations (12 st.) ▲ - Stations will be installed in the liberated territories (10 st.) |
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