

**ACADEMY OF SCIENCES OF THE REPUBLIC OF UZBEKISTAN**

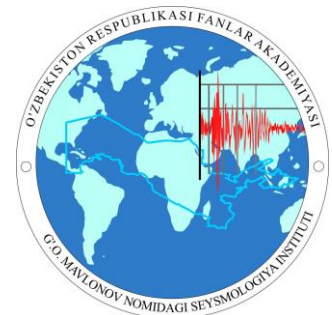
**G.A. MAVLYANOV INSTITUTE OF SEISMOLOGY**

**INTERNATIONAL SCIENTIFIC CONFERENCE  
"Current Challenges in Ensuring Seismic Safety of  
Population and Territories"**

**Dedicated to the 80th anniversary of the Academy of  
Sciences of the Republic of Uzbekistan**

**October 3-4, 2023**

**Tashkent**



## **ORGANIZING COMMITTEE:**

### **Chairman:**

**Mirzaev Sirojiddin Zaynievich**, DSc, Professor, Vice-President of the Academy of Sciences of the Republic of Uzbekistan.

### **Co-chairmen:**

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**Zuparov Sanjar Tahirovich**, First Deputy Minister of Emergency Situations of the Republic of Uzbekistan.

**Adilov Davronjon Kabiljanovich**, Deputy Minister of Construction and Housing and Communal Services of the Republic of Uzbekistan.

### **Deputy Chairman:**

**Rafikov Vakhob Asamovich**, DSc, Professor, Director of the Institute of Seismology, Academy of Sciences of the Republic of Uzbekistan.

### **Secretaries of the conference:**

**Tuychiev Akhmadzhan Ismailovich**, DSc, Scientific Secretary of the Institute of Seismology, Academy of Sciences of the Republic of Uzbekistan.

**Tiagusheva Alfiya Sultanovna** - Assistant Secretary of the conference.

### **Members of organizing committee:**

**Abdrakhmatov Kanatbek Ermekovich** - DSc, Professor, Academician of the National Academy of Sciences of the Kyrgyz Republic, President of the National Academy of Sciences of the Kyrgyz Republic, Director of the Institute of Seismology, National Academy of Sciences of the Kyrgyz Republic.

**Abdullabekov Kakharbai Nasirbekovich** - DSc, Professor, Academician of the Academy of Sciences of the Republic of Uzbekistan, Head of the Laboratory of the IS of the Academy of Sciences of the Republic of Uzbekistan;

**Abdukholikov Abulkosimhoja Abdujabborovich** - Assistant Professor, Deputy Director of Scientific-Research Institute of Technical Norming and Standardization of Ministry of Construction of the Republic of Uzbekistan.

**Aminzoda Pulod** - PhD, Director of the Institute of Geology, Earthquake Engineering and Seismology, Academy of Sciences of the Republic of Tajikistan.

**Arkady Gesselevich Aronov** - DSc, Chief Consultant of the "Center for Geophysical Monitoring" of the National Academy of Sciences of Belarus.

**Zaalishvili Vladislav Borisovich** - DSc, Professor, Scientific Supervisor of Geophysical Institute of Vladikavkaz Scientific Center of the Russian Academy of Sciences.

**Inoyatkhojaev Zhamshid Shukhratullaevich** - DSc, Rector of Turin Polytechnic University in Tashkent.

**Ismailov Vakhitkhan Alikhanovich** - DSc, Professor, Deputy Director of the Institute of Seismology, Academy of Sciences of the Republic of Uzbekistan.

**Kuchkarov Kakhramon Isroilovich** - PhD, Head of the Republican Center for Seismic Prognostic Monitoring of the Ministry of Emergencies of the Republic of Uzbekistan.

**Lars Abrahamczyk** - Professor, Weimar University (Germany).

**Sarsenbaev Daulet Abdujanovich** – Director of the Institute of Seismology of the Ministry of Emergency Situations of the Republic of Kazakhstan.

**Satoru Nishikawa** - Professor, Research Center for Disaster Mitigation, Nagoya University (Japan).

**Sultanov Karim Sultanovich** - DSc, Professor, Director of the Institute of Mechanics and Seismic Stability of Structures, Academy of Sciences of the Republic of Uzbekistan.

**Tatevosyan Ruben Eduardovich** - DSc, Deputy Director on engineering seismology and seismic hazard assessment of the Institute of Earthquake Engineering of Russian Academy of Sciences.

**Tulaganov Bakhrom Abdukabilovich** - PhD, Vice-President for Strategic Development, Tashkent University of Architecture and Construction.

**Khikmatov Bekzod Fazliddinovich** - PhD, Head of the Institute of Civil Protection of the Ministry of Emergency Situations.

#### **ORGANIZERS OF THE CONFERENCE:**

-Academy of Sciences of the Republic of Uzbekistan.

-Institute of Seismology named after G. A. Mavlyanov under Academy of Sciences of the Republic of Uzbekistan.

#### **Languages:**

**Uzbek, Russian, English**

#### **The main objective of the conference:**

To promote scientific and technical cooperation and create a platform for the exchange and integration of scientific and practical information, ideas and opinions of scientists, experts, and specialists from different countries in the field of ensuring seismic safety of population and territories.

#### **MAIN SECTIONS:**

The main issues to be discussed at the conference:

1. Enhancing the effectiveness of seismological and seismic prognostic monitoring in seismically active regions, as well as theoretical and practical aspects of earthquake early warning systems.

2. Improving the methodology for assessing seismic hazard and seismic zoning, including detailed seismic zoning and micro-seismic zoning.

3. Innovative and advanced technologies in ensuring seismic safety of buildings and structures and the development of regulatory frameworks.

4. Assessment of seismic risk of seismically active territories and improvement of the level of earthquake preparation to mitigate the consequences of strong earthquakes.

#### **CONFERENCE SCHEDULE:**

- By July 10, 2023: distribution of the 1st circular of the conference;
- By July 25, 2023: submission of applications for participation in the conference;
- By August 25, 2023: submission of full paper manuscripts;
- By September 15, 2023: distribution of invitation letters and conference program;
- October 3, 2023: Participant registration;
- October 3-4, 2023: Conference days.

#### **EDITORIAL BOARD**

**Chairman:**

**Nurmatov Ulfat Amanovich**

Head of the Laboratory of Institute of Seismology of the Republic of Uzbekistan, Doctor of Philosophy

**Editorial Board Members:**

**Maksudov Sabit Khamidovich**

Senior Researcher of Institute of Seismology of the Republic of Uzbekistan, DSc, Professor.

**Ibragimova Tatiana Lyuvigovna**

Senior Researcher of Institute of Seismology of the Republic of Uzbekistan, DSc.

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Head of the Laboratory of Institute of Seismology of the Republic of Uzbekistan, PhD.

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**Usmanova Mahira Turapovna**

Junior Researcher of Institute of Seismology of the Republic of Uzbekistan, PhD.

**Mirzaev Murad Abdurahidzhanovich**

Head of the Laboratory of Institute of Seismology of the Republic of Uzbekistan, DSc.

**Allaev Sherzod Botirovich**

PhD student at Yokohama University.

**PARTICIPATION FEE:**

**There is no registration fee for participation in the conference and publication.**

**ACCOMMODATION:**

**Conference participants should arrange their own accommodation. However, the Organizing Committee is ready to assist in booking hotels in Tashkent upon prior request.**

**Venue:** Institute of Seismology, Academy of Sciences of the Republic of Uzbekistan.

**Address:** 3, Zulfiyakhonim St., Tashkent, Uzbekistan, 100128.

**E-mail:** *taseco2023@mail.ru*

**Website of Institute of Seismology:** [www.seismos.uz](http://www.seismos.uz)

**Phone:** +998 (71) 241-51-70, 241-44-94

**APPLICATION**

For participation in the international scientific conference “Current Challenges in Ensuring Seismic Safety of Population and Territories”

Uzbekistan, Tashkent, Institute of Seismology of the Republic of Uzbekistan

October 3-4, 2023

Family name, name, middle name:

Degree, current position:

Name and address of organization:

Phone:

E-mail:

Author(s):

Title of the thesis:

Topic (Short summary):

Form of participation (Face-to-face/online):

Need of the hotel room and preferred room category (Single or double):

**RULES FOR THE DESIGN AND SUBMISSION OF MATERIALS**

Materials for presentations (up to 5 pages) in Russian or English are accepted for publication. The full text of the paper should be sent in a publishable format to the following email address: taseco2023@mail.ru.

***Requirements for formatting the papers:***

1. In the upper left corner of the page, indicate the Universal Decimal Classification (UDC) of the article. The UDC of your work can be determined using the directory: <https://teacode.com/online/udc/>. Leave one blank line after the UDC.
2. The title of the article should be centered, written in capital letters and bold. Leave one blank line after the title.
3. Provide the last name, first name and middle name (if applicable) of the author/authors.
4. Include the abbreviated name of the organization, city and country.
5. Present the text of the paper. Leave one blank line after the text of the paper.
6. Include a numbered list of references (in-text citations should be in square brackets in the order of citation).

The paper should not exceed 5 pages in length, using the following formatting guidelines:

- Text editor: Microsoft Word
- Page format: A4
- Margins: 2 cm on all sides
- Font: Times New Roman
- Font size: 12
- Line spacing: 1.0
- Tabulation: 1.25 cm

**Figures** (photos, drawings, graphs, diagrams) should be presented in a graphic format in black and white color. They should be numbered consecutively with necessary textual explanations and formatted as figure captions. The figures should not exceed the boundaries of the printing area and should be scalable and adjustable without compromising the integrity of the image.

All **equations** in the text should be consecutively numbered. The equation number should be placed at the right edge. Ideally, only equations referred to in the text should be numbered. For typing equations, please use the MathType equation editor, Times New Roman or Symbol font, size 12. Latin letters should be italicized, while Greek and Russian letters should be in regular font both in equations and in the text. All variables should be italicized, both in formulas and within the text.

**Tables** should be centered on the page. Leave one blank line before and after the table. The table should not exceed the boundaries of the printing area. The table title should be placed to the left before the table, and a period should not be placed at the end of the title.

**References** should include complete publication details: all authors' names, the title of the article and the journal/proceedings in which it is published, edition, year of publication, page numbers for articles, or the number of pages for books.

**Samples of the design of literary sources:**

**Journal article.**

1. Kozyrev M.S. Title of the article // Journal title. Year. Vol. Number. Pages (for example, pp. 14-27).

**Book**

2. Kozyrev M.S. Book Title. L.: Publishers. Year. Total number of pages (for example, p.354).

**Dissertation**

3. Kozyrev M.S. Title. Dissertation ... PhD/DSc in Physics and Mathematics. Tashkent: Name of the University/Institution. Year. Total number of pages (for example, p.354).

**Conference paper**

4. Kozyrev M.S. Title of the article. Title of the conference / Edited by Ivanov A.B. M.: Year. Pages.

*The following is the example of the conference paper design:*

**UDC**

**Title of the conference paper**

**Family name, name and middle name of author(s)**

*Name of the organization, affiliation, city*

Text of the conference paper .....

**References**

1. Kozyrev M.S. Title of the article // Journal title. Year. Vol. Number. Pages (for example, pp. 14-27).

***! The Organizing Committee reserves the right to select oral reports and materials for publication: materials of reports that do not meet the requirements will not be accepted for the publication.***

***For all additional questions related to the design of materials,  
please contact the Organizing Committee of the Conference:***

E-mail: [taseco2023@mail.ru](mailto:taseco2023@mail.ru)