GLOBAL CHALLENGES AND SCIENTIFIC SOLUTIONS: CONFERENCE ON CONTEMPORARY WORLD PROBLEMS AND SCIENTIFIC SOLUTIONS

International Scientific-Practical Conference

Tashkent — London
June 19, 2026

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DEAR PROFESSORS, RESEARCHERS, INDEPENDENT SCHOLARS, MASTER'S STUDENTS, AND UNDERGRADUATE STUDENTS!

We invite you to participate in the international scientific-practical conference **"GLOBAL CHALLENGES AND SCIENTIFIC SOLUTIONS: Conference on Contemporary World Problems and Scientific Solutions"**, which will be held on **June 19, 2026**. The event is dedicated to the scientific analysis of global issues facing the modern world, the discussion of urgent problems in ecology, economics, society, technology, politics, and healthcare through an interdisciplinary approach, and the presentation of effective scientific solutions to the wider academic community.

The conference will address topics such as global climate change, environmental security and rational use of natural resources, food security, agriculture and water resource challenges, energy, alternative energy sources and sustainable industrial development, digital security, ethics of artificial intelligence and issues of the information society, healthcare, epidemiological safety and biological threats, global economic instability, financial risks, strategies for innovative development, quality of education, human capital, migration, social inequality, international relations, law, geopolitical processes, and peacebuilding.

Within the framework of the event, scientific and practical research conducted by professors, researchers, doctoral students, master's students, young scientists, students, and practitioners will be presented. The conference aims to scientifically assess global risks and threats, propose innovative solutions for sustainable development, foster interdisciplinary cooperation, support the exchange of new scientific ideas, and promote modern scientific and practical experiences.

The conference will be organized without program presentations, exclusively in the form of a collection of scientific articles.

AIMS AND OBJECTIVES OF THE CONFERENCE

The main purpose of the conference is to scientifically analyze the global problems facing the modern world and to discuss their effective solutions in the fields of ecology, economy, society, technology, politics, and healthcare on the basis of an interdisciplinary approach.

Objectives

— to analyze ecological, economic, social, and technological problems;
— to discuss pressing issues in the fields of food security, water resources, energy, and healthcare;
— to highlight issues related to digital security, the ethics of artificial intelligence, and innovative development;
— to promote scientific dialogue on international cooperation, peace, education, and human capital.

Conference Sections

1. Global Climate Change, Environmental Security, and Rational Use of Natural Resources
2. Food Security, Agriculture, and Water Resource Issues
3. Energy, Alternative Energy Sources, and Sustainable Industrial Development
4. Digital Security, Ethics of Artificial Intelligence, and Problems of the Information Society
5. Healthcare, Epidemiological Security, and Scientific Solutions to Biological Threats
6. Global Economic Instability, Financial Risks, and Strategies for Innovative Development
7. Quality of Education, Human Capital, Migration, and Issues of Social Inequality
8. International Relations, Law, Geopolitical Processes, and Problems of Ensuring Peace

REQUIREMENTS FOR FORMATTING ARTICLES AND ABSTRACTS

- Articles are accepted in Uzbek, Russian, English, Kazakh, Kyrgyz, and Turkish. The length of the article must be no less than 5 pages.
- Articles must be submitted electronically in an edited form, indicating the relevant conference section. The text must be prepared on A4-size paper, with 1.5 line spacing, margins of 2.5 cm at the top and bottom, 3 cm on the left, and 1.5 cm on the right.
- The article text must not be paginated. Its electronic version must be prepared in Microsoft Word, using Times New Roman, 14-point font size.
- The title of the article must be written in capital letters. After leaving one line, the next line should contain the name(s) of the author(s), the name of the organization, as well as the e-mail address of the person responsible for correspondence. A list of references must be provided at the end of the article. The references must be formatted according to the GOST style. The author(s) are fully responsible for the accuracy and reliability of the information presented in the article.
- The file name must include the author’s surname and the name of the organization. For example, if the author is from the National University of Uzbekistan, the file should be named as follows: “R. Toshmamatov NUUz”
- The abstract and keywords must be provided in Uzbek, Russian, and English.

The conference materials will be published electronically on the **Academic Research Publisher** website and on the **UniScience** Telegram channel. Authors of accepted articles will receive QR-coded certificates on **June 22, 2026**.

Within the framework of the conference, the fee for services related to including articles and abstracts in the electronic proceedings, editorial and technical preparation, and the issuance of QR-coded certificates for authors is set at **70,000 UZS**.

One percent of this fee will be allocated to charitable purposes as part of the conference's social responsibility initiative. These funds will support the treatment, recovery, and rehabilitation of children suffering from hematological and oncological diseases, as well as children born with congenital heart diseases.

The conference will not be held in a traditional format; it will be organized in the form of a collection of scientific articles. All accepted articles will be published in an official proceedings collection.

Authors will be notified of the acceptance of their articles within one working day.



Deadline for submission of materials: until June 18, 2026

Conference date: June 19, 2026

Date of announcement of results: June 22, 2026

Articles and theses can be submitted to the email address: **unisciense@gmail.com**, as well as through the following Telegram address: **https://t.me/academic_r_p**

Participants whose articles and theses are accepted will be awarded a voucher for a **20%** discount on purchases from our partner publishing house **Hamroh Books**.

E-mail

Telegram

The Organizing Committee reserves the right not to publish materials that do not correspond to the direction of the conference or fail to meet the above requirements.

ANALYSIS OF SLOPE STEEPNESS AND RELIEF ASPECT IN THE BERUNI DISTRICT BASED ON GIS TECHNOLOGIES

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Abstract. Terrain morphometric parameters play an important role in controlling natural processes and land-use suitability.....
Keywords: slope, aspect, terrain analysis, GIS, Beruniy District.....
Аннотация. В статье проведён анализ основных морфометрических показателей рельефа Берунийского района ….
Ключевые слова: уклон, экспозиция, анализ рельефа, …..
Annotatsiya. Mazkur maqolada Beruniy tumani relyefining asosiy morfometrik ko‘rsatkichlari bo‘lgan nishablik .....
Kalit so‘zlar: nishablik, ekspozitsiya, relyef tahlili, GIS, Beruniy tumani.....

Introduction. The Beruni District, located in the lower reaches of the Amu Darya River, is characterized by specific natural and geographical conditions …

Main Body. The study is based on a digital elevation model (DEM) of the Beruni District. During the research, geographic information system (GIS) technologies were applied …

References

1. Burrough P.A., McDonnell R.A. Principles of Geographical Information Systems. Oxford: Oxford University Press, 2015. 432 p.
2. Iskandarov E.. Hayot falsafasi. – Toshkent, Ma’rifat, 2018. – 148 b.

Please submit registration forms and articles electronically to the Organizing Committee's email address by 18 June 2026.

REQUIREMENTS FOR PARTICIPANT REGISTRATION

PARTICIPANT REGISTRATION FORM

Full name (surname, first name, patronymic):	
Date of birth:	
Place of work:	
Position:	
Academic degree, title:	
Phone number:	
Email address:	
Title of the presentation:	
Scientific field:	
Date and signature:	