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Osh State University (Kyrgyz Republic)

In cooperation with Academic Science Publishing – UniScience Journal

International Scientific and Practical Conference

«SCIENCE IN THE 21ST CENTURY: CHALLENGES, SOLUTIONS AND DEVELOPMENT STRATEGIES»

January 22, 2026

Moscow, Astana, Osh, Petropavlovsk, Tomsk, Ankara, Tashkent

The conference will be held without oral presentations and organized exclusively in the format of a scientific articles collection.

Dear Members of the Scientific Community!

We invite you to participate in the **International Scientific and Practical Conference** entitled **„Science in the 21st century: challenges, solutions and development strategies“**, scheduled to be held on **January 22, 2026**

The conference aims to identify key challenges of 21st-century science, develop scientifically grounded solutions, and formulate development strategies based on interdisciplinary integration. Special attention is given to innovative methodological approaches and to strengthening the link between fundamental and applied research.

The conference will be organized without oral presentations, exclusively in the format of a collection of scientific papers.

CONFERENCE OBJECTIVE. The main objective of this international scientific-practical conference is to analyze the key challenges of science in the 21st century, develop scientifically grounded solutions, and formulate strategic approaches that contribute to scientific and societal development. The conference focuses on presenting the theoretical and practical foundations of interdisciplinary integration, combining modern and innovative approaches in scientific research across various fields, and strengthening the close relationship between fundamental theory and applied studies.

In addition, the conference aims to promote multidisciplinary research, enhance academic dialogue and cooperation, and advance scientific results as practical solutions oriented toward the needs of society and the real sector.

Scientific Areas of the Conference: Scientific papers are accepted in the following areas:

1. **Fundamental Scientific Problems and Modern Solutions in Natural Sciences.**
2. **Earth System and Geographical Space: Natural Processes, Resources and Sustainable Development Strategies.**
3. **Engineering Thinking and Innovative Strategies of Technological Development.**

4. Agroecosystems and Environmental Challenges: Sustainable Development Solutions.

5. Healthcare and Biological Safety: Contemporary Challenges and Scientific Solutions.

6. Socio-Economic Development: Strategies for Societal Progress.

7. Civilization and Intellectual Development: Historical and Philosophical Approaches.

8. Scientific Interpretation of Social Development through Language, Culture and Art.

9. Human Capital and Legal Awareness: Development Strategies Based on Education and Psychology.

Participant Categories

- Professors and academic teaching staff
- Research fellows / scientific staff
- Doctoral candidates (PhD / DSc)
- Master's degree students
- Undergraduate students
- Independent researchers

Requirements for Article Submission:

- Articles are accepted in Uzbek, Russian, English, Kazakh, Kyrgyz, Tajik, and Turkmen languages. The length of the article must be at least 5 pages.
- The text should be edited and formatted on A4 paper, indicating the relevant section, with 1.5 line spacing and margins: top and bottom — 2.5 cm, left — 3 cm, right

— 1.5 cm. Articles are accepted in electronic format.

- The text must not be paginated; the electronic version should be prepared in Microsoft Word, using Times New Roman, size 14.
- The title of the article should be written in capital letters, followed by a line with the author(s)' name(s), affiliation, and the email of the corresponding author. At the end of the article, a list of references should be provided (formatted according to GOST style). Authors are fully responsible for the accuracy and reliability of the

information presented.

- The file name should include the author's surname and affiliation (e.g., if the author is from the National University of Uzbekistan — "R.Toshmamatov UzNU").
- Abstracts and keywords must be provided in Uzbek, Russian, and English.

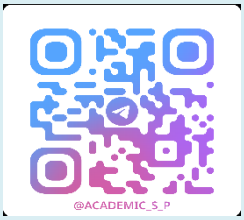
Conference materials will be published in electronic format on the **Academic Science Publishing** website, as well as on the **UniScience** Telegram channel. **QR-code certificates** will be sent to the authors of accepted papers on **26 January 2026.** The conference submission fee for articles and abstracts is **60,000 Uzbek soums.**

Deadline for submission of materials: January 21 January 2026. **Conference date: 22 January 2026.**

The conference will not be held in a traditional format; instead, it will be conducted exclusively in the form of a compiled collection of scientific articles. All accepted papers will be published as part of an official proceedings volume.

Authors will be notified of the acceptance of their submissions within one business day.

You may submit your articles to the following email address: *unisciense@gmail.com* as well as to the following **Telegram account**: *https://t.me/academic_s_p*



The Organizing Committee reserves the right not to publish materials that do not correspond to the conference scope and fail to meet the requirements specified above.

Sample Article Formatting

ANALYSIS OF RELIEF SLOPE AND ASPECT IN BERUNIY DISTRICT USING GIS TECHNOLOGIES

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National University of Uzbekistan

E-mail: zumradkengesova@gmail.com

Abstract. Terrain morphometric parameters play an important role in controlling natural processes and land-use suitability.....

Keywords: slope, aspect, terrain analysis, GIS, Beruniy District.....

Annotatsiya. Mazkur maqolada Beruniy tumani relyefining asosiy morfometrik ko‘rsatkichlari bo‘lgan nishablik .....

Kalit so‘zlar: nishablik, ekspozitsiya, relyef tahlili, GIS, Beruniy tumani.....

Аннотация. В статье проведён анализ основных морфометрических показателей рельефа Берунийского района ….

Ключевые слова: уклон, экспозиция, анализ рельефа, …..

Introduction. Beruniy District, located in the lower reaches of the Amu Darya River, is characterized …..

Main Part. The research is based on a digital elevation model (DEM) of Beruniy District. GIS techniques …..

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.

We kindly ask you to submit registration forms and articles electronically **by 21 January 2026** to the email address of the organizing committee.

REQUIREMENTS FOR PARTICIPANT REGISTRATION FORM

PARTICIPANT REGISTRATION FORM

ll 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:	