ARP Academic research publisher

UniScience Journal

JGRS

HAMROH

JOURNALS & BOOKS ACADEMIC SCIENCE PUBLISHING

www.academscience.com



INTEGRATION OF FUNDAMENTAL AND APPLIED RESEARCH: INTERNATIONAL EXPERIENCE AND PROSPECTS



International Scientific Conference

July 4, 2026

Tashkent – London

The conference will be conducted without oral presentations and will be organized exclusively in the form of a collection of scientific papers.

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

We are pleased to invite you to participate in the International Scientific and Practical Conference entitled **"Integration of Fundamental and Applied Research: International Experience and Prospects,"** which will be held on **4 July 2026**. The conference is dedicated to strengthening the integration of fundamental and applied research, discussing contemporary scientific achievements across various disciplines at the international level, disseminating advanced experiences, and presenting innovative ideas and developments to the wider scientific community.

The conference aims to discuss current scientific research related to modern trends in the development of exact and natural sciences, technological advancement, engineering and digital industrial transformation, innovative strategies for ensuring agricultural sustainability and food security, prospects for global healthcare systems, achievements in modern medicine and pharmaceuticals, geographical sciences and space research, geoecological issues and remote monitoring, priority directions for the modernization of the digital economy and legal systems, continuous education, creative pedagogy and human capital development, as well as the integration of historical heritage, culture, and civilizations within the socio-humanitarian sphere.

Within the framework of the conference, the results of fundamental and applied research conducted by professors, researchers, doctoral candidates, master's students, young scientists, university students, and practicing specialists will be presented. The conference seeks to promote interdisciplinary scientific cooperation, expand international exchange of scientific experience, support innovative approaches, disseminate new scientific ideas and promising developments, and further strengthen the integration of science and practice.



The conference will be conducted without oral presentations and will be organized exclusively in the form of a collection of scientific papers.

CONFERENCE

OBJECTIVES AND TASKS

- **To discuss and disseminate the results of fundamental and applied research.**
- **To promote international scientific cooperation and the exchange of experience.**
- **To support interdisciplinary research and innovative approaches.**
- **To facilitate the implementation of scientific developments in practice and contribute to sustainable development.**

To strengthen the integration of fundamental and applied research, facilitate international discussions on the results of contemporary scientific studies conducted across various disciplines, disseminate advanced scientific experience, and establish an effective platform for scientific dialogue that promotes the practical implementation of innovative ideas and developments.

CONFERENCE SECTIONS

- Global Trends in the Development of Exact and Natural Sciences
- Geographical Sciences and Space Research: Geoecological Issues and Remote Monitoring
- Technological Advancement, Engineering, and Digital Industrial Transformation
- Priority Directions for the Modernization of the Digital Economy and Legal System
- Innovative Strategies for Agricultural Sustainability and Food Security
- Continuous Education, Creative Pedagogy, and Factors in Human Capital Development
- Global Healthcare: Prospects for Modern Medicine and Pharmaceuticals
- The Socio-Humanitarian Sphere: Integration of Historical Heritage, Culture, and Civilizations.

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 proceedings will be published electronically on the **Academic Research Publisher** website and through the **Academic Research Publisher** Telegram channel. Certificates containing QR codes will be issued to authors on **7 July 2026**.

A publication fee of **UZS 70,000** has been established to cover the inclusion of articles and abstracts in the electronic proceedings, editorial and technical processing, and the preparation of QR code certificates for authors. As part of the conference's social responsibility initiative, **1%** of the publication fee will be allocated to charitable purposes aimed at supporting the treatment, rehabilitation, and recovery of children suffering from hematological and oncological diseases, as well as children born with congenital heart defects.

The conference will not be held in the traditional format and will be organized exclusively as a collection of scientific papers. All accepted manuscripts will be published in the official conference proceedings.

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

- **Deadline for Submission of Materials:** 3 July 2026
- **Conference Date:** 4 July 2026
- **Date of announcement of results:** 7 July 2026

Articles and abstracts may be submitted to the e-mail address **conference_a_r_p@internet.ru** or via the following Telegram account: **https://t.me/academic_r_p**

Participants whose articles or abstracts are accepted will be provided with a **20%** discount voucher for purchases from our partner, **Hamroh Books** Publishing House.

The Organizing Committee reserves the right to reject materials that do not correspond to the conference themes or fail to comply with the above-mentioned requirements.

E-MAIL

TELEGRAM

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

Kengesova Zumrad Asilbek qizi
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.....
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 3 July 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:	