ШОҚАН УӘЛИХАНОВ атындағы мектеп

Shoqan Ecology

INTERNATIONAL SCIENTIFIC FORUM "SHOQAN ECOLOGY 2027"



WINNING FUND: 20 THOUSAND DOLLARS

April 24-25, 2027

Senior Grades 7-12

Direction 1: Environmental pollution and solutions
Direction 2: Waste management
Direction 3: Alternative energy sources
Direction 4: Business, Technology, and AI

REGISTRATION UNTIL 01.03.27

SHOQANECOLOGY.KZ

ANNOUNCEMENT

«Shoqan Walikhanov Private School» LLP invites you to participate in the International Scientific Forum of young researchers, "**Shoqan Ecology**," aimed at **fostering interest in scientific research among students. The Forum will be held in person on April 24-25, 2027**. Students from **grades 7-12** from secondary and specialized schools of Kazakhstan, as well as from near and far abroad, are eligible to participate.

The main goals of the Forum are to increase students' interest in scientific research, develop their research skills, encourage independent information gathering, stimulate intellectual and creative potential, promote interest in education and science, and identify talented youth.

Participants' work will be judged impartially, upholding academic honesty by a competent and independent jury. The jury's evaluation will be based on professionalism without displaying rudeness or bias towards any participants.

The Forum will feature presentations in the following sections:

- **Section 1: Environmental Pollution and Solutions**
- **Section 2: Waste Management**
- **Section 3: Alternative Energy Sources**
- **Section 4: Business, Technology and AI**

The Forum will be conducted in three languages: Kazakh, Russian, and English.

Venue: Almaty, 050059, Samal-3 microdistrict, 37/1, "Private School named after Shokan Walikhanov" LLP.

Those wishing to take part in the Forum must fill out an application in the Google form at the following link before March 1, 2027:

- **https://forms.gle/r57oQfsAjGQdKBQK7**

- pay the registration fee in the amount of 25,000 (twenty-five thousand) tenge;

- attach a scientific paper, a link to a video presentation and a receipt for payment to the application.

An example of payment of the registration fee is presented in the video at the following link: https://youtu.be/gIoKjtVh5_w

The registration fee is paid separately for each participant of the forum in the team. The same person cannot be the author of more than one report. No more than 2 students can participate in teamwork.

For foreign participants from neighboring (cis) countries and distant abroad, payment of the registration fee is to be made before the forum begins, provided that there is a guarantee letter from the educational institution on official letterhead with the principal's signature and stamp.

To participate in the forum, participants must prepare a video presentation about themselves and their work up to 1 minute long in horizontal format and upload it to YouTube, and attach a link to the video in a Google form. Example of a video presentation: https://www.youtube.com/watch?v=ETCy9V7JNLE

Telegram channel: https://t.me/shoqanecology Website: https://shoqanecology.kz

The total prize fund is 10 million KZT!!!
Spots for participation in the forum are limited!!!
The regulations and participation rules for the forum are outlined below ↓

Regulations

for the International Scientific Forum of Young Scientists “Shoqan Ecology” hosted by the “Shoqan Walikhanov Private School,” for students of grades 7-12

Almaty 2027

OBJECTIVES:

- ✓ To increase children's interest in scientific research and discoveries;
- ✓ To encourage scientific research activities among students of grades 7-12;
- ✓ To develop research skills;
- ✓ To stimulate intellectual and creative potential;
- ✓ To foster the ability for independent inquiry and identify talented students among those in grades 7-12.

DATES AND VENUE:

Forum Dates: **April 24-25, 2027**.

Venue: Almaty, 050059, Medeu District, Samal-3 Microdistrict, Building 37/1, "Shokan Walikhanov Private School" LLP.

Participation Requirements: only students in grades 7-12 (from secondary and specialized educational institutions) from the Republic of Kazakhstan, as well as from CIS countries and beyond, are eligible to participate in the Forum.

Languages of the Forum:

- ➢ Kazakh;
- ➢ Russian;
- ➢ English.

The Forum consists of two stages:

- ➢ **Stage 1**: Online selection of scientific papers that meet the competition requirements. Up to 30 papers will be selected in each section.
- ➢ **Stage 2:** Offline presentations of the selected participants' works.

The jury will include renowned Kazakhstani and international scientists in the fields of chemistry, biology, physics, and ecology.

ORGANIZATION AND CONDUCTING COMPETITIONS:

The students' work will be evaluated by a competent and independent jury, based on the principles of impartial judgment and academic integrity.

The jury's assessment of the works and presentations will focus on providing a professional evaluation, without allowing any inappropriate, discourteous, or biased treatment towards the Forum participants.

Within the framework of this Forum, reports of a theoretical, experimental, and applied nature in the natural sciences (chemistry, biology, physics, ecology) will be presented in the following sections:

- **Section 1: Environmental Pollution and Solutions.** Evaluation of the current state and search for solutions to the problem of environmental pollution (soil, water, and air) caused by persistent toxic compounds, radioactive materials, or agents that have a negative impact on the environment and contribute to human diseases.
- **Section 2: Waste Management (Reduction-Recycling-Reuse).** Prevention of waste or "source reduction." Exploration of durable materials that are largely free of toxic substances; product design modifications aimed at reducing raw material use, extending product lifespan, or facilitating reuse after initial use.
- **Section 3: Alternative Energy Sources.** Seeking practical solutions to global energy challenges and identifying technologies that can sustain global resilience. Transitioning from fossil fuels (coal, oil, and gas), which currently account for the majority of emissions, to renewable energy sources (solar, wind, water, and biomass) is key to addressing the climate crisis.
- **Section 4: Business, Technology and AI.** Startups and business projects, as well as innovative inventions aimed at addressing existing environmental pollution problems and/or reducing its negative impact, along with the development of new technologies based on artificial intelligence in the field of environmental protection.

!!! The Organizing Committee reserves the right to reject works that do not meet the specified requirements.

REQUIREMENTS FOR SUBMISSION OF MATERIALS TO THE FORUM

The following requirements apply to the formatting of works:

- The length of the scientific work, including the bibliography, tables, figures with captions, diagrams, and appendices, **should not exceed 30 pages** of printed text.
- The file name should contain only the title of the work (for example, **Development of Biodegradable Polymer Production Technology.doc**).
- **The work must not include the full names of the author(s) or school information.**
- **The same individual may not be the author of more than one presentation.**
- **No more than two students may participate in a group project.**
- The pages of the scientific work must be numbered.
- The text must be typed in Word (any version). The font should be Times New Roman, paper format A4 (210*297 mm), font size 14 pt, line spacing 1.5 cm, justified alignment. Paragraph indentation should be 1.25 cm. Margins: top - 2 cm, bottom - 2 cm, left - 3 cm, right - 2 cm. Page numbering should be centered at the bottom. Tables, figures, and formulas should not have inconsistencies in symbols or signs. Figures must be clear and clean. Figures and tables must be referenced in the text. Formulas must be typed using the appropriate editor (for mathematical and chemical formulas). Tables should have titles, and no empty columns are allowed. Abbreviations and symbols should be explained in the notes.
- The text of the project must include the following sections: **1 Title page, 2 Table of contents, 3 Abstract, 4 Introduction, 5 Literature review, 6 Research section, 7 Conclusion, 8 References**

The title page should include the title of the scientific work, clearly reflecting the essence of the material. It should also include information about the authors (school, city, grade level). The full names of the author(s) and the scientific advisor should not be indicated on the title page.

The table of contents must reflect the structure of the scientific work and include not only section headings but also subheadings.

The abstract should be provided at the beginning of the text in the language in which the project is prepared (up to 250 words). The abstract is a brief summary of the content of the scientific work, giving a general idea of its topic and structure.

In the introduction and literature review (at least 2 pages of printed text), the project should indicate the relevance and justification of the chosen research topic, the aims and objectives of the project, the methods for addressing the set tasks, a review of known results on the chosen topic, and shortcomings that indicate the need for your research.

The research section of the work may consist of separate chapters and should include results and their discussion, as well as illustrative material in the form of figures, graphs, diagrams, and tables. The work must represent an independently conducted study by the student, demonstrating their knowledge and ability to apply it to solve specific practical problems. The work should be logically complete and demonstrate the student's ability to properly use specialized terminology, clearly express their thoughts, and provide reasoned arguments for their proposals.

The conclusion (no more than 1 page) should contain the main results and conclusions based on them, as well as recommendations for the use of the project's findings.

The list of references should be formatted according to GOST 7.1–2003 "Bibliographic Record. Bibliographic Description. General Requirements and Rules for Compilation" or in APA style.

Presentation Guidelines:

1. It must follow the structure of the scientific report.
2. It should include a title slide with the full name of the presenter, the school, and the presentation topic.
3. The presentation time must not exceed 8 minutes.
4. There should be no fewer than 5 and no more than 20 slides.
5. The slides should contain less text and more illustrations.
6. Make use of color, visuals, and design.

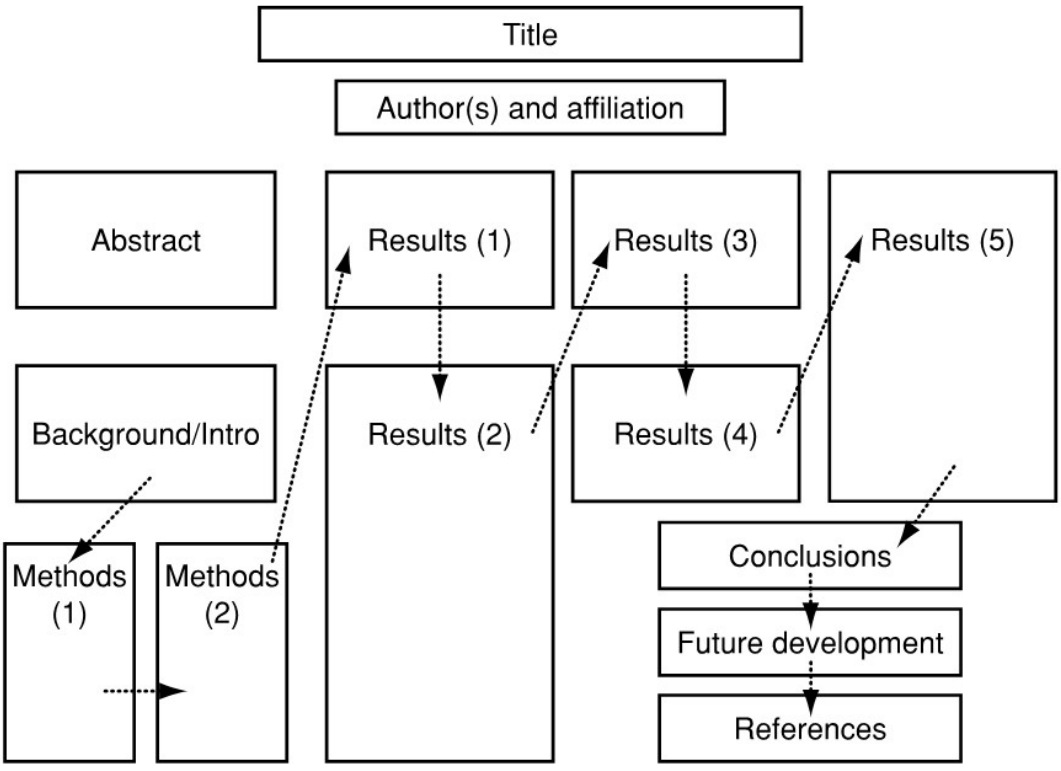
Works that have received an invitation letter to participate in the forum must prepare a poster (stand), print it, and bring it to the Forum.

Poster Requirements:

- Your name, school, and research topic should be included.
- The recommended poster size is A1 (the poster must be printed and brought to the Forum).
- Aim to condense the project content into the poster using appropriate text, graphics, and visuals.
- Key information should be legible from a distance of 5 meters.
- Simplify titles for brevity and appeal.
- The text on the poster should not exceed 800 words.
- Use numbering and text highlighting to enhance readability.
- Incorporate colors, images, diagrams, graphs, and visuals.

Some examples of posters can be found at the following link:

https://www.animateyour.science/post/best-examples-of-scientific-posters



Schematic Example of Formatting a Scientific Work:

The full names of the author(s) and the scientific supervisor MUST NOT be indicated on the title page.

Title: Project Title

Section: Environmental Pollutions and Solutions

Almaty 2027

CONDITIONS OF PARTICIPATION:

- Those wishing to participate in the Forum must complete the Google Form and attach their scientific work and a link to a YouTube video by March 1, 2027, at the following link: https://forms.gle/r57oQfsAjGQdKBQK7

To participate in the forum, participants must prepare a video presentation about themselves and their work, lasting up to 1 minute in a horizontal format. The video should be uploaded to YouTube, and the link to the video must be included in the Google Form. An example of a video presentation can be found at the following link: https://www.youtube.com/watch?v=ETCy9V7JNLE

Before submitting the work, it is necessary to pay an registration fee of 25,000 (twenty-five thousand) tenge (Appendix No. 1).

THE REGISTRATION FEE MUST BE PAID SEPARATELY FOR EACH PARTICIPANT IN THE TEAM.

The registration fee is 25,000 (twenty-five thousand) tenge, of which 10,000 tenge will cover meals (lunch and coffee break on the first day), as well as the evaluation and review of the submitted works, and 15,000 tenge for participation in educational master classes.

Instructions for paying the registration fee are provided in the video at the following link: https://youtu.be/gIoKjtVh5_w

FOR FOREIGN PARTICIPANTS FROM NEIGHBORING (CIS) COUNTRIES AND DISTANT ABROAD, PAYMENT OF THE REGISTRATION FEE IS TO BE MADE BEFORE THE FORUM BEGINS, PROVIDED THAT THERE IS A GUARANTEE LETTER FROM THE EDUCATIONAL INSTITUTION ON OFFICIAL LETTERHEAD WITH THE PRINCIPAL'S SIGNATURE AND STAMP.

In the PAYMENT PURPOSE, please write as follows:

"Payment of the registration fee for participation in the Forum, Last Name First Name Patronymic, School No. ___."

To pay the registration fee, please use the following bank details of the school:

BANK DETAILS

LLP "Private School named after Shoqan Walikhanov" at JSC "Bank Centr Credit":

BIN 180940031443

Kbe 17

KNP 861

IIK KZ588562203106993908

BIC KCJBKZKX

IN THE PAYMENT PURPOSE, PLEASE INDICATE: Payment of the registration fee for participation in the Forum for

_____

(specify the full name and Individual Identification Number of the Forum participant)

!!! Please note the following:

- The Forum Organizing Committee reserves the right to reject works that do not align with the main directions of the Forum or do not meet the aforementioned requirements. Also replace any works that do not align with the section's theme.
- The registration fee must be paid separately for each Forum participant. An individual may not be the author of more than one report. In team projects, no more than two students may participate.
- The amount paid as an registration fee is non-refundable for works that do not advance to the second round.
- Appeals regarding scientific works after selection for the second round of the Forum will not be considered.
- Communication with Forum participants will be maintained through the Telegram channel **https://t.me/shoqanecology** and via email at **shoqanecology@shoqanschool.kz.** Website: **https://shoqanecology.kz**
- An invitation letter and the Forum program will be sent to works that meet the above requirements.
- Travel expenses (transfer and accommodation) will be covered by the sending party.

!!! ATTENTION: Applications received by the organizing committee after March 1, 2027, WILL NOT BE CONSIDERED.

SELECTED WORKS WILL RECEIVE AN INVITATION LETTER THROUGH THE TELEGRAM CHANNEL AT THE LINK https://t.me/shoqanecology AND VIA EMAIL AS PREVIOUSLY INDICATED IN THE APPLICATION FOR PARTICIPATION. PLEASE MAKE SURE TO SUBSCRIBE TO OUR CHANNEL, WHERE ALL DETAILED INFORMATION ABOUT THE FORUM WILL BE PROVIDED.

AWARDING THE WINNERS

Winners of each section of the scientific forum will be awarded Grand Prix diplomas, as well as I, II, and III degree diplomas accompanied by cash prizes, various degrees of diplomas, and incentive awards. All participants of the forum will receive certificates of participation.

The number of I, II, and III degree diplomas will constitute 45% of the total participants in the forum.

Appendix No. 1

Instructions for Payment of the Registration Fee for Participation in the International Scientific Forum of Young Scientists "Shoqan Ecology":

Dear Parents, payments can be made through:

I) The BCC.KZ Application (Internet Banking of JSC "Bank CentrCredit"). No commission is charged.

- Select "Payments" – "Education" – "Schools" – "Private School Named After Shoqan Walikhanov" – "Other Services."
- Then, enter the "Participant's IIN" (the child's full name will appear) – fill in the "Child's Grade" – "Payment Period" – "Amount" – "Pay."

II) Payment through JSC "Bank CentrCredit" terminals in the section "Payments" – "Education" – "TOO Private School Named After Shoqan Walikhanov" – "Other Services." The commission will be charged according to the current rates of the sending bank.

III) Bank transfer to the current account of TOO "Private School Named After Shoqan Walikhanov" at JSC "Bank CentrCredit" using the banking details provided below*. The commission will be charged according to the current rates of the sending bank.

IV) Payment can be made in cash at the bank counter of any branch of JSC "Bank CentrCredit" using the banking details provided below*. **The commission will be charged according to the current rates of the sending bank.**

PAYMENT DETAILS * LLP "Private School named after Shoqan Walikhanov" at JSC "Bank Centr Credit":

BIN 180940031443
Kbe 17
KNP 861
IIK KZ588562203106993908
BIC KCJBKZKX



IN THE PAYMENT PURPOSE, PLEASE INDICATE: Payment of the registration fee for participation in the Forum for _____

(specify the full name and Individual Identification Number of the Forum participant)

Please send a copy of the payment receipt to the email address of the organizing committee at shoqanecology@shoqanschool.kz.