

**NATIONAL UNIVERSITY OF UZBEKISTAN  
NAMED AFTER MIRZO ULUGBEK**

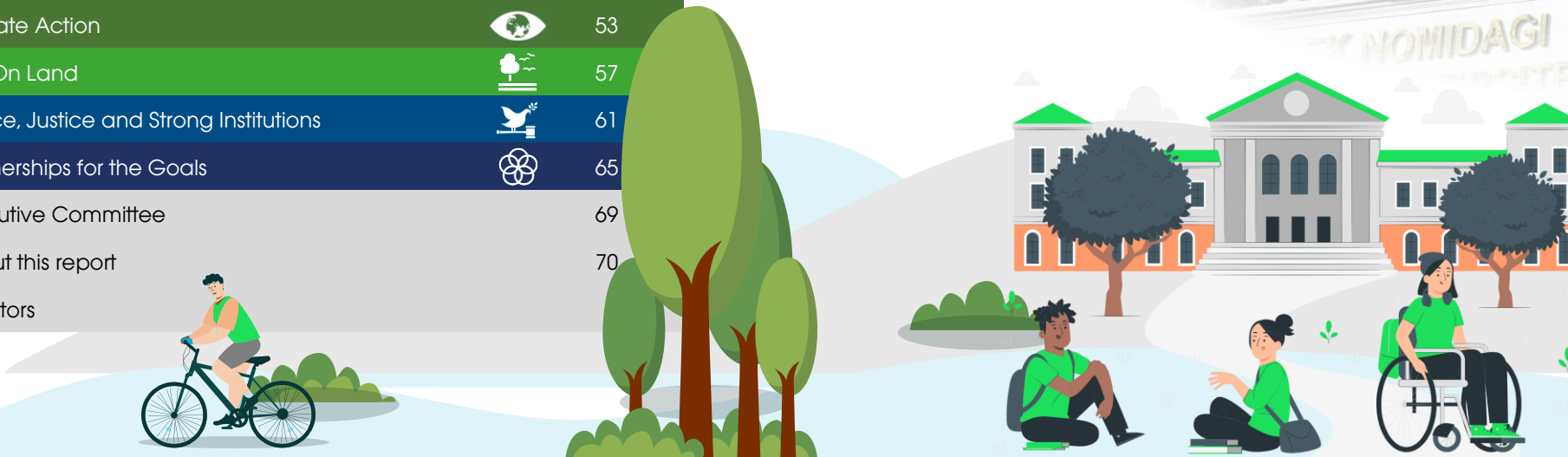
MIRZO ULUG'BEK NOMIDAGI  
O'ZBEKISTON MILLIY UNIVERSITETI

The logo for the 2023 Sustainability Report features the year '2023' in large white numerals. The '0' is replaced by a circular graphic containing the university's seal and 17 icons representing the Sustainable Development Goals (SDGs).

**2023**  
*Sustainability*  
**REPORT**



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# FOREWORD

The ongoing reforms in higher education in our country have yielded significant practical results, further enhancing the achievements of our faculty members and students. These results reflect the consistent efforts we have made to align our university with global standards of excellence. The Presidential Decrees No. PQ-4358, issued on June 17, 2019, "On measures to radically improve the system of training of demanded qualified personnel and development of scientific potential at the National University of Uzbekistan named after Mirzo Ulugbek in 2019-2023," and No. PF-5847, issued on October 8, 2019, "The concept of development of the system of higher education in the Republic of Uzbekistan until 2030," have laid the foundation for the transformation of higher education in Uzbekistan. These decrees, in particular, have catalyzed significant developments at our university, reinforcing its role as a leader in the field of education.

In recent years, the National University of Uzbekistan has undergone remarkable changes and modernization. Currently, we are proud to have 14 academicians, over 280 Doctors of Science and Professors, and 565 teachers with PhD degrees and Associate Professorships. These distinguished educators represent the driving force behind our university's pursuit of academic and research excellence.

Our five-year strategic plan aims to further reform the educational process, enhance scientific activities, and solidify our position in both national and international rankings. By doing so, we are positioning the National University of Uzbekistan as a globally recognized institution that fosters innovation, scientific discovery, and academic growth.

We remain committed to improving the quality of education, expanding research in scientific and innovative fields, and deepening our collaborations with international higher education institutions. Additionally, we continue to encourage scientific partnerships with foreign scholars and actively engage our youth in innovative and research-driven activities.

Our goal is to bring the National University of Uzbekistan into the top universities in the world. To achieve this, we must increase our scientific potential and continue our path toward academic excellence. I invite all professors, teachers, young scientists, and postgraduate students to join us in this endeavor, contributing selflessly to the development of our university and the future of Uzbekistan.



## INOM MADJIDOV

Rector of the National University of Uzbekistan named after Mirzo Ulugbek, Professor



## How is NUU enabling SDG implementation?



26 480

Overall students number



13 680

Male students

12 800

Female students



416

Qualified international professors were involved in NUU



667

Exchange students - **Outbound**



309

Researchers going abroad



6 442

Students provided with financial support



719

International students number



4 710

Number of students receiving a scholarship covering 100% fees

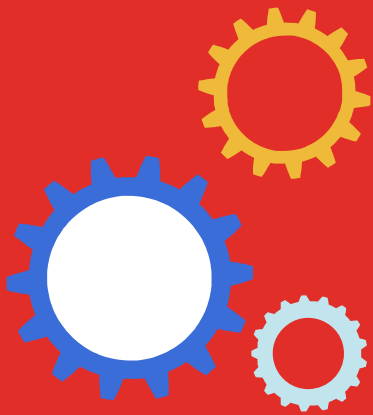


5 467

Number of students receiving a scholarship covering 50% fees



# Empowering Dreams at NUU



AID

We believe every student should have a chance to succeed, regardless of their financial situation. Money problems shouldn't stop dedicated learners from achieving their goals. That's why our University offers special programs to ensure all students have fair learning opportunities. NUU provides scholarships, food, and housing support for students from low-income families.



“ NUU is carrying out wide-scale work on the development of talents. Searching for students who are mature in their field or stand out in a certain direction in cooperation with the deans of the faculty, creating conditions for them, as well as in the context of the mentor-student tradition. By connecting talented young people with experienced professors and teachers, we discover real talent.”

**GULCHEKHRA BEKIMATOVA**  
Department of organization of activities of gifted students of National University of Uzbekistan

## Research Breakthrough

Researchers at NUU have conducted studies on the following topic: “[Contemporary climate change problems in Central Asia](#)”, in the collaboration with Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences.

## SDG 1 – Related Financial Support



387

disabled students

220

disadvantaged women

68

orphans

34

those dependent on a single mother or father

28

students with low-income received an allocation for tuitions fees from the funds of the social assistance fund

1485

total number of students provided with financial support

Every month disabled students got [financial aid](#), for per student **776,820 uzs** for a month. Monthly living expenses are estimated and here 20% more.

## SCHOLARSHIP AND BURSARIES

NUU recorded the best result among higher educational institutions of Uzbekistan in terms of [the number of scholarship holders](#) for the 2022/2023 academic year. In particular, 4 students (3 master's degree, 1 bachelor's degree) received the President's scholarship, 20 undergraduate students (Islam Karimov, Ulugbek, Navoi, Beruniy, Babur) received the state scholarship.

&gt;24

Overall number of students who won the governmental scholarship

&gt;4

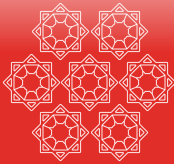
President's scholarship **2,191,541 uzs** per month for one student

&gt;20

Other governmental scholarships **1,461,028 uzs** per month for one student

## Youth Education Scholarship

At the National University of Uzbekistan, there are representatives of the Youth Union of Uzbekistan, the Charity Organization of Loving Hands, and the Youth Affairs Agency. Every year, the [Youth Education Grant](#) Projects organized. 50% of the students' tuition fees will be reimbursed.

1  
NO  
POVERTY

## Empowering Dreams at NUU

### STUDENT FINANCIAL SUPPORT

The infographic highlights the financial support provided to **1,485 students** at the National University of Uzbekistan as part of efforts aligned with SDG 1, which focuses on ending poverty in all its forms. The assistance is directed towards various student groups, including:

**455** → **471,270,800** UZS were given financial aid on the occasion of **"International Day of People with Disabilities"**.  
students with disabilities

**12** → **35,600,000** UZS **tuition fees** of these female students studying on the basis of a payment contract were **partially paid**.  
female students

**7** → **49,700,000** UZS **tuition fees** of these female students studying on the basis of a payment contract were **fully paid**.  
female students

**30** → **58,700,000** UZS were given financial aid **for low income female students**.  
female students



### OUTREACH/FINANCIAL LITERACY

By enhancing **financial literacy**, individuals—especially those from marginalized communities—gain the knowledge necessary to navigate the complexities of digital financial systems. This empowerment enables them to make informed decisions, fostering greater participation in the economy. Furthermore, the availability of remote banking services breaks down geographical barriers, allowing underserved populations to access essential financial resources without the constraints of physical banking infrastructure.

**> 5000+** Students take part in in these workshops and courses every year.

#### Rector of NUU Engages with Youth in Almazor District

Inom Madjidov, the rector of the National University of Uzbekistan, held a significant meeting with youth and their families from the neighborhoods of "Abu Bakr Shoshiy," "Hazrati Imam," "Ahil," and "Chamanbog" in the Almazor district. The session focused on evaluating ongoing support initiatives aimed at helping young individuals integrate into society and addressing their appeals for assistance. The initiative aligns with the state program under the "Uzbekistan - 2030" strategy, focusing on the "Year of Youth and Business Support." By facilitating access to education, vocational training, and employment resources, the National University of Uzbekistan aims to empower young people to break the cycle of poverty and achieve sustainable livelihoods.

#### Empowering students from low-income countries

We are dedicated to empowering students from low-income countries, exemplified by our support for **22 Afghan students** currently enrolled at NUU. This initiative not only covers their tuition and accommodation fees but also embodies a comprehensive approach to alleviating poverty by providing essential resources and support.

 Press the button to watch the video

**> 12-15 million uzs**  
Tuition fees for a student annually

**> 500.000 uzs**  
Per student for a monthly accommodation fee

#### Strengthening Employer Cooperation in Economic Personnel

An event at National University of Uzbekistan focused on enhancing collaboration between educational institutions and employer organizations in training economic personnel. This initiative aligns with Sustainable Development Goal 1 (SDG 1), which aims to eradicate poverty and promote sustainable economic growth. The event featured the official opening of newly reconstructed auditoriums, supported by "Uzbekinvest" export-import insurance company, highlighting the commitment to improving educational infrastructure and fostering partnerships that empower future economic leaders.

#### "Empowering Youth, Enriching Lives: Together for a Brighter Tomorrow!"

The sewing training center at the National University of Uzbekistan has been operating for 2 years. During this period, about **400 students** learned the secrets of sewing and learned the skills of creating complex patterns from simple stitches in this center. During the training process, the students of the center learn the secrets of taking measurements, drawing and preparing templates, sewing, sewing, ironing, finishing, modeling, and the secrets of correct use of a sewing machine in a simplified manner, becoming qualified specialists.

Today, the students of the Sewing Training Center, with the support of their teachers, are making special bed sheets, beds, curtains for the student dormitory, as well as white robes for the teams of the Faculty of Biology, Chemistry and Physics.



# Harvesting Excellence at NUU

We actively support the Zero Hunger initiative by organizing various "Free Plate" events throughout the year. These events provide free meals to students, faculty, and community members, with a special focus on assisting students from low-income countries. By fostering an inclusive and caring environment, NUU aims to raise awareness about food security and contribute to eradicating hunger.



“

The scientist emphasized making the dry lands of the Aral Sea fertile. He spoke about the possibilities of ecological restoration and agricultural use of these areas, suggesting strategies for forming sustainable ecosystems in the Aral Sea region. The professor believes that it is possible to increase the fertility of the land by planting trees, combating salt and dust, and modernizing irrigation systems in the region.

**ZAFAR JABBOROV**   
Professor of National University of Uzbekistan

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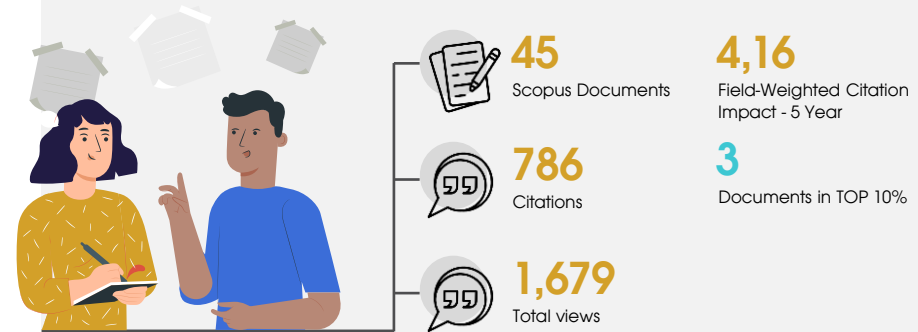


## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: ["Impact assessment of soil salinity on crop production in Uzbekistan and its global significance"](#), and ["Present status and future perspectives of wheat \(Triticum Aestivum L.\) Research in Uzbekistan"](#), which became one of the most cited articles.

These projects were funded by NUU's extra-budgetary funds and published in well-regarded journals.

## SDG 2 – Related Research Output



Domestic

44,4%

International

55,6%

Collaboration

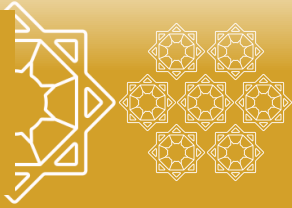
## HUNGER INTERVENTIONS FOR STUDENTS AND STAFF AT NUU

The food ecosystem at National University of Uzbekistan is designed to address the nutritional needs of its stakeholders, including students, staff, and faculty members. In recognition of the challenges posed by hunger, the university has implemented several targeted interventions to ensure access to affordable, nutritious food while promoting sustainability and inclusivity.

These initiatives include providing organic and healthy food options, establishing food banks across the campus, and setting up self-help pantries in key locations.

### Program for Addressing Student Food Insecurity and Hunger

At NUU, a dedicated program has been established to address student food insecurity and hunger. This initiative focuses on ensuring all students have access to nutritious meals, supporting their well-being and academic performance. Efforts include providing affordable meal options, organizing food distribution events, and collaborating with local organizations to offer food assistance. The program aligns with SDGs, aiming to alleviate hunger and promote a healthy, supportive learning environment for all students.

2  
ZERO  
HUNGER

## Harvesting Excellence at NUU

### Campus Cafeterias: Preventing Hunger with Accessible Dining Options

To prevent hunger and offer convenient access to meals, **each building at NUU is equipped with its own cafeteria.**

### NUU Shops: Affordable Daily Necessities and Groceries

In addition to the cafeterias and food banks, NUU operates on-campus shops that offer a wide variety of groceries, snacks, beverages, and essential items at competitive prices. These shops are located in high-traffic areas around campus, providing easy access to essential supplies.

### KEY FEATURES

National University has 17 Faculties and every Faculty has its own buffet ready for students.

Food banks are available in all faculty buildings

> **50+** cafeterias in the campus area

> **20-25%** lower costs than external shops

### Diverse Dietary Options

At NUU, students and staff can choose from a variety of dining options that cater to specific dietary requirements, including **vegan, vegetarian, and halal food**. This diversity is central to the university's commitment to inclusivity, ensuring that everyone has access to meals that align with their personal, religious, and ethical beliefs.

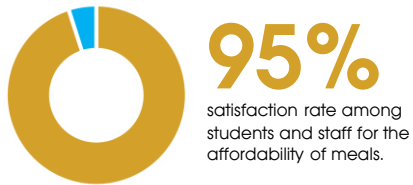
### Vegan Cafes and Buffets:

Special sections are dedicated to vegan and vegetarian food in all cafeterias and buffet-style dining areas. Common dishes include cabbage, soya beans, dry fruits, sunflower oil, and a wide variety of fresh fruits and vegetables, non-meat salads,

### Food Banks: Tackling Urgent Nutritional Needs

NUU has established a network of more than 45 food banks spread across its academic and administrative buildings.

These food banks are designed to serve as an immediate solution for those facing hunger, providing a wide selection of ready-to-eat meals, snacks, and beverages at very low costs



Ensuring nutritional value and Financial Accessibility

> **85%** of meals on campus are between **20 000** and **30 000 uzs**

> **100%** of canteens offer vegan, vegetarian, and halal food options

### Halal Food

NUU ensures that halal food is readily available across its campus dining services. Special attention is paid to the preparation and sourcing of halal ingredient to cater to the needs of Muslim students and staff.

## ACCESS TO FOOD SECURITY KNOWLEDGE, EVENTS FOR LOCAL FARMERS

By enhancing [financial literacy](#), individuals—especially those from marginalized communities—gain the knowledge necessary to navigate the complexities of digital financial systems. This empowerment enables them to make informed decisions, fostering greater participation in the economy. Furthermore, the availability of remote banking services breaks down geographical barriers, allowing underserved populations to access essential financial resources without the constraints of physical banking infrastructure.

### Collaborative research: knowledge exchange

By collaborating directly with farmers, [NUUz researchers ensure that their innovations are practical and can be easily adopted](#). This partnership allows for a continuous feedback loop, where researchers can refine their approaches based on real-world experiences in the field.

### Training bases of NUU which showcases agricultural innovations

These training bases play a critical role, not only for student practical training, but also for local farmers, who are invited to participate in technology showcases, hands-on demonstrations, and expert exchanges.



### Access to food security knowledge

NUUz integrates food security and sustainable agriculture topics into its [curriculum](#), allowing students and researchers to develop innovative solutions that address local challenges in agriculture. These students often work closely with farmers, sharing their knowledge and helping to transfer new skills to the field.

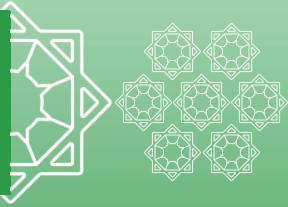
### Aral Sea Training base

The Faculty of Biology at NUU is conducting pioneering research in the **Aral Sea region**, focusing on **reducing soil salinity** and making previously unusable land fertile again. The research centers around developing modern, **environmentally friendly technologies** that enable farmers to restore degraded soils and grow crops despite the challenges posed by climate change.

### Advanced chestnut seed technology at the Faculty of Biology of NUU



## 3 GOOD HEALTH AND WELL-BEING



# Healthcare at NUU

NUU is committed to promoting Good Health and Well-Being by organizing free health check-ups and distributing free sexual health products to students and staff. These initiatives aim to raise awareness about preventive healthcare and encourage responsible practices. NUU also promotes a healthy lifestyle through various fitness programs, sports events, and wellness workshops, contributing to the overall well-being of the university community



“

At NUU, competitions are held among students. These competitions are held in accordance with the program of the student league. Sports are held in the framework of basketball, volleyball, chess, checkers, table tennis and many other types.

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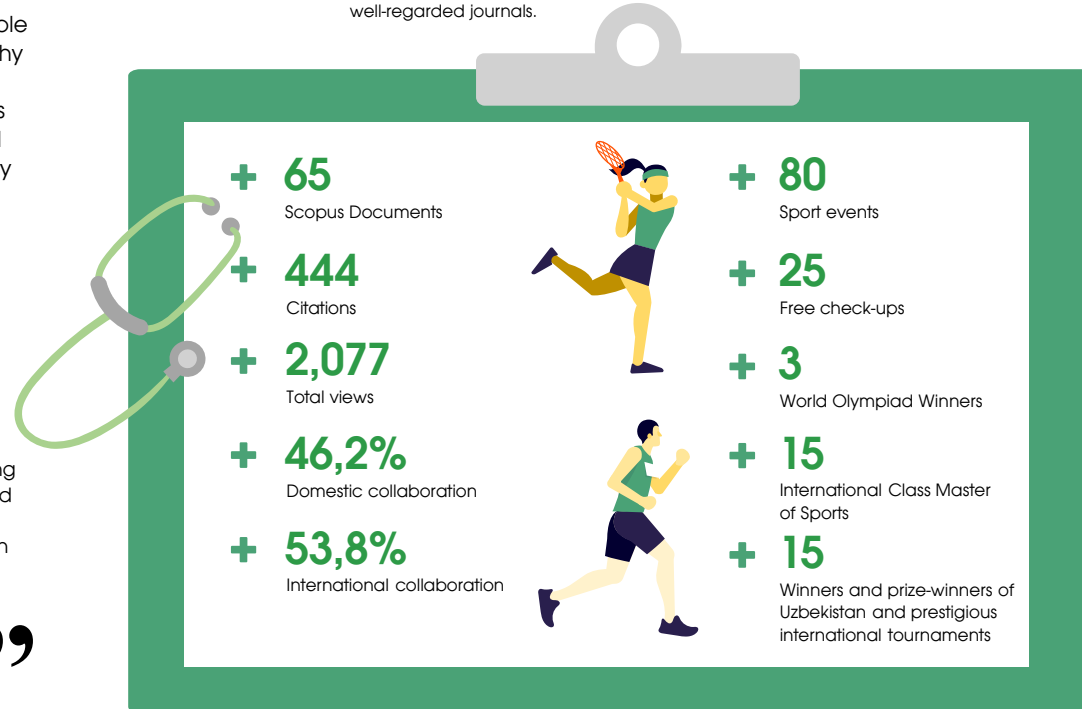
**ANDREY PLATUNOV**   
Associate Professor of the Faculty of Taekwondo and Sports Activities, Deputy Chairman of the University Sports Club



## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: "[Nano-enabled Quenching of Bacterial Communications for the Prevention of Biofilm Formation](#)", and "[Toad venom bufadienolides and bufotoxins: An updated review](#)", which became one of the most cited articles.

These projects were funded by NUU's extra-budgetary funds and published in well-regarded journals.



## SEXUAL AND REPRODUCTIVE HEALTH

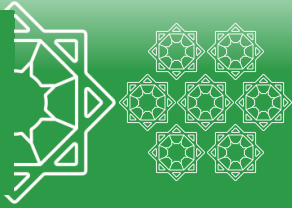
The University effectively integrates resources related to [sexuality education, reproductive health and education](#). We help students prevent the transmission of infectious diseases, and increase the understanding of sex education among students on campus.

### Reproductive health month

Every academic year, our university plans a number of events on gender equality. Topics include emotional intelligence, sexual violence prevention, sexuality education, and multi-gender concepts. They lead students to in-depth study of relevant topics through lectures, practical exercises and activities. They guide students to think about their understanding of their own relationships with others, break down gender stereotypes, and create a friendly campus environment. The women's committee of the university holds a roundtable discussion on "[Reproductive health at the faculties once a month](#)". In it, medical workers gave a lecture on the concept of reproductive health and reproductive rights, mother and child health protection, principles of reproductive health protection, ways to prepare women of reproductive age for pregnancy.



## 3 GOOD HEALTH AND WELL-BEING



## Healthcare at NUU

## PARTNERSHIP

National University of Uzbekistan works in constant cooperation with local, national or global health institutions to improve health and welfare outcomes.

## 1. Cooperation with local health institutions

[The polyclinic located on the territory of the university](#), in cooperation with private clinics, conducts free health examinations of students and employees every year in September-October. In addition, health seminars and training classes are held for teachers [and students at the university](#).

## 2. Republican blood transfusion center

[In cooperation with the Republican Blood Transfusion Center](#) and the Tashkent City Blood Products Production Enterprise, the blood donation campaign ["I am a donor"](#) was held.

## 3. Military Training Center under the university

Our university promotes militancy, patriotism, promotion of healthy life and protection of the [university territory among students with the military center](#).

## A HEALTHY LIFE

"Working with youth, spirituality and enlightenment" department is operating in the territory of our university in order to develop the health knowledge of university students and representatives of the local population, to provide a quality educational environment. It plans environmental health management, health services and other activities in the university and, together with relevant government agencies and organizations, promotes health in terms of physical health, mental health, spiritual health, proper nutrition, social adjustment and coordinates collaborative care to achieve health goals.

The chairman of the women's council organized events on the topics "We young people have chosen a healthy lifestyle" and "Healthy and proper nutrition" in cooperation with the Council, health association of Olmazor district, student polyclinic. It will be held not only by the university team, but also local residents.

In order to create a healthy life at the National University of Uzbekistan, internal and inter-university ["Rector's Cubicle"](#), ["Descendants worthy of Amir Temur"](#), ["Students' League"](#), "Teachers' League" were organized among professors and employees and students. sports competitions are held and special places and valuable gifts are awarded.

## 4. Ministry of Health of the Republic of Uzbekistan

The Ministry of Health of the Republic of Uzbekistan and the Olmazor district of Tashkent city organized ["For human dignity"](#). Under the slogan, a mobile free medical check-up and wellness campaign is organized every 6 months.

## 5. Republican Oncology Center

The National University of Uzbekistan and the ["Oncology and Radiology" scientific-practical medical center](#) are cooperating in order to [promote cancer research through joint studies](#).

## 6. UNICEF

UNICEF has been working with the [National University of Uzbekistan](#) for years to improve the educational programs and develop programs to further improve the health of teachers and students.

## SPORTS FACILITIES

**All sports facilities of the National University of Uzbekistan can be used by everyone and it is absolutely free.**

Our university's sports facilities include both indoor and outdoor options, all of which are freely accessible to students, faculty, and local residents. For indoor facilities such as badminton courts, multi-purpose stadiums, the Water Sports Palace, fitness clubs, and more, a special membership ticket is required for entry. However, this membership is provided free of charge, ensuring that everyone can benefit from the university's extensive sports infrastructure.

1

**Outdoor sports** - fields include basketball, volleyball, tennis, football and outdoor fitness equipment, as well as special fields for athletics. These sports fields are open to everyone and free of charge. Various events, relay races, [and training classes are held](#).

2

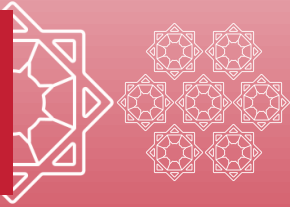
**Entrance to indoor sports** fields - chess, checkers, volleyball, basketball, table tennis, athletics fields and fitness halls is open and free for everyone. [Training classes, clubs and competitions are held in these sports halls](#).

3

The **swimming pool** of the [National University of Uzbekistan](#) consists of [six lanes](#), the total length of which is 50 meters. Swimming clubs and lessons are organized for students in 8 different directions. It is free and open to everyone.

The university regularly hosts a variety of sports events, competitions, and fitness workshops aimed at promoting an active lifestyle and encouraging community engagement. These events provide an opportunity for students, faculty, and local residents to connect, collaborate, and foster a culture of teamwork and sportsmanship.





## Encouraging Learning among Locals at NUU

NUU is dedicated to providing high-quality education that meets international standards and prepares students to become leaders in their respective fields. As the oldest and one of the most prestigious universities in Uzbekistan, NUU continually strives to create an academic environment that fosters critical thinking, creativity, and innovation. To ensure educational excellence, NUU emphasizes a student-centered approach, integrating modern teaching methodologies and advanced research practices.



“Yoshlar” TV channel broadcasted an interview with Inom Madjidov, rector of NUU, in the TV program “Tafakkur yo’li”. It talks about the essence of reforms in today’s education system, the analysis of multifaceted professional training experiences, the promotion of reading in society, among young people, and the purpose of this, as well as issues related to the life of students.

**INOM MADJIDOV**   
Rector of National University of Uzbekistan

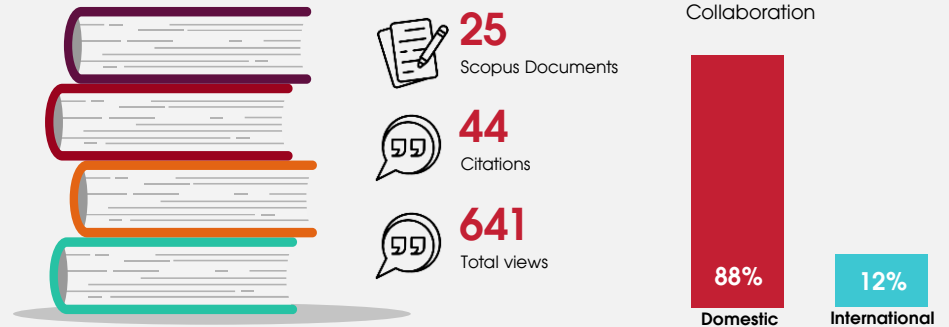


### Research Breakthrough

Researchers at NUU have conducted studies on the following topics: [“Econometric Assessment of the Dynamics of Development of the Export Potential of Small Businesses and Private Entrepreneurship Subjects in the Conditions of the Digital Economy”](#), and [“Project-based learning technology in classes for technical and it-orientating groups: Experience and results of implementation”](#), which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and published in well-regarded journals.

### SDG 4 – Related Research Output



### LIFELONG LEARNING OPPORTUNITIES

NUU consistently organizes a diverse array of conferences, workshops, seminars, and training sessions aimed at fostering academic excellence and promoting knowledge exchange across various disciplines. These events provide invaluable opportunities for scholars, researchers, and practitioners to engage in meaningful dialogue, share innovative ideas, and collaborate on cutting-edge research initiatives. By inviting distinguished speakers from around the globe and incorporating interactive formats, the university ensures that participants not only gain insights into the latest developments in their fields but also develop practical skills applicable to real-world challenges.

#### Foreign Professors are giving lectures sharing his experiences at NUU

We are proud to employ **416 international staff members**, each bringing a wealth of diverse perspectives and experiences to our educational community. As part of our ongoing commitment to fostering an inclusive and enriching environment, our teachers have been actively sharing their insights and experiences regarding foreign lectures. This collaborative exchange not only enhances our collective knowledge but also enriches the learning experience for all students.

We encourage everyone to continue this valuable dialogue, as it is instrumental in broadening our understanding of global educational practices and cultural nuances. Also [Professor Nakamura Katsuhiko is one of them](#), having lectures in Physics faculty.

» Students of the North Kazakhstan University named after M. Kozibayev are on field practice at NUU

» American and Turkish professors are giving lectures to NUU students

4  
QUALITY  
EDUCATION

## Encouraging Learning among Locals at NUU

### FREE PUBLIC EVENTS FOR ALL: PROGRESSING AND INFORMING

NUU consistently organizes a diverse array of conferences, workshops, seminars, and training sessions aimed at fostering academic excellence and promoting knowledge exchange across various disciplines. These events provide invaluable opportunities for scholars, researchers, and practitioners to engage in meaningful dialogue, share innovative ideas, and collaborate on cutting-edge research initiatives. By inviting distinguished speakers from around the globe and incorporating interactive formats, the university ensures that participants not only gain insights into the latest developments in their fields but also develop practical skills applicable to real-world challenges.

#### “The role of the scientific heritage of Eastern scholars in world science”

In commemoration of the 105th anniversary of the founding of the National University of Uzbekistan, the “Newest History of Uzbekistan” department at the Faculty of History organized a prestigious scientific-practical conference.

The event, which brought together over **100 talented students and masters from more than 10 higher educational institutions**, aimed to shed light on the invaluable contributions of our great ancestors to the realm of science and the enduring legacy they have bequeathed to future generations.

#### “Economic aspects of studying human resources in historical perspective”

The conference provided a dynamic platform for participants to delve into the historical evolution of human resources and its economic implications.

Key topics included the role of human capital in shaping economic policies, labor market transformations, the impact of education and skills development on national economies, and the socio-economic challenges faced by various regions during different historical periods.

### FREE ACCESS TO EDUCATIONAL RESOURCES

#### Library

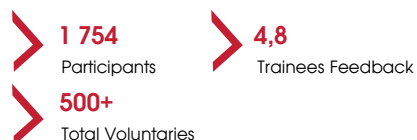
Educational literature - 1 million 200 thousand publication units, scientific literature 650 thousand, artistic literature fund - more than 250 thousand publication units. Also, the Periodicals Fund consists of magazines and newspapers

#### Online Courses

A Center for Sustainability Leadership can serve as a catalyst for change, promoting a holistic approach to addressing environmental, social, and economic challenges while empowering individuals and organizations to lead in sustainable development.

#### E-Books

Up to 30,000 electronic versions of educational, scientific and artistic literature have been created for readers in the study halls of the Information Resource Center, as well as a database of global information resources via the Internet: Jstor, Ebsco, Springer Nature, Proquest Dissertation and Theses Global.



### "EMPOWERING FUTURES THROUGH SCHOLARSHIPS AND CONTESTS!"

#### Book Club “Chig’atoy Gurungi”

The Book Club at the NUU serves as a vibrant hub for students seeking intellectual engagement outside the traditional classroom setting. Emphasizing the importance of literature in personal and academic growth, the club encourages members to explore diverse genres, from classic literature to contemporary works.

#### TEDxNUUZ

Event was held at the initiative of the students of the NUU in the building of the Science and Education Development Fund “Ziyo Forum”.

About **100 young people** interested in the development of our country, environmental cleanliness, and sustainable development participated in this event.

#### Students of NUU actively engage in a variety of scholarship programs

One notable initiative has resulted in a student receiving a prestigious scholarship, which not only recognizes their academic excellence but also underscores the university's commitment to fostering inclusive and equitable educational opportunities.

Furthermore, this initiative reflects a broader commitment to [lifelong learning opportunities for all](#). In this way, the university not only enhances individual potential but also contributes to national development goals and global efforts toward achieving inclusive and equitable [quality education](#).

Asilbek Alimov, a graduate student of the Faculty of Chemistry, successfully participated in this competition and won the “Uzbekistan GTL” scholarship.

#### Team of NUU is the winner of the Republican Intellectual Olympiad

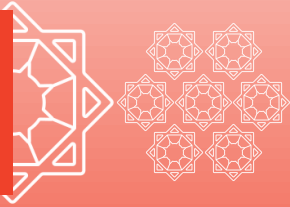
At NUU, we host intellectually stimulating clubs such as Zakovat, which serve as vibrant platforms for academic engagement. Participation is open to **a diverse group, including undergraduate and graduate students, doctoral candidates, faculty members, and alumni**. This inclusive approach fosters a [dynamic environment](#) where participants can collaborate, exchange ideas, and enhance their intellectual pursuits.

➤ **1.5 billion uzs**  
President's gift

➤ **10 million uzs**  
Students of NUU received

➤ **30 million uzs**  
Master's student of of NUU was awarded



5 GENDER  
EQUALITY

## NUU for an Egalitarian Society

Gender equality at the NUU is an important focus, with efforts made to ensure balanced representation and opportunities for both men and women. The university promotes inclusive policies, empowering women in leadership roles and academic positions. Various initiatives are undertaken to address gender disparities, ensuring equal access to education, research, and participation in university governance.



“

Most of the students studying at NUU are girls. That is why faculty leaders and teachers regularly organize inter-faculty courses on women's rights and children's rights for female students.

”

**ENAKHON NISHANBAYEVA**   
Professor of National University of Uzbekistan

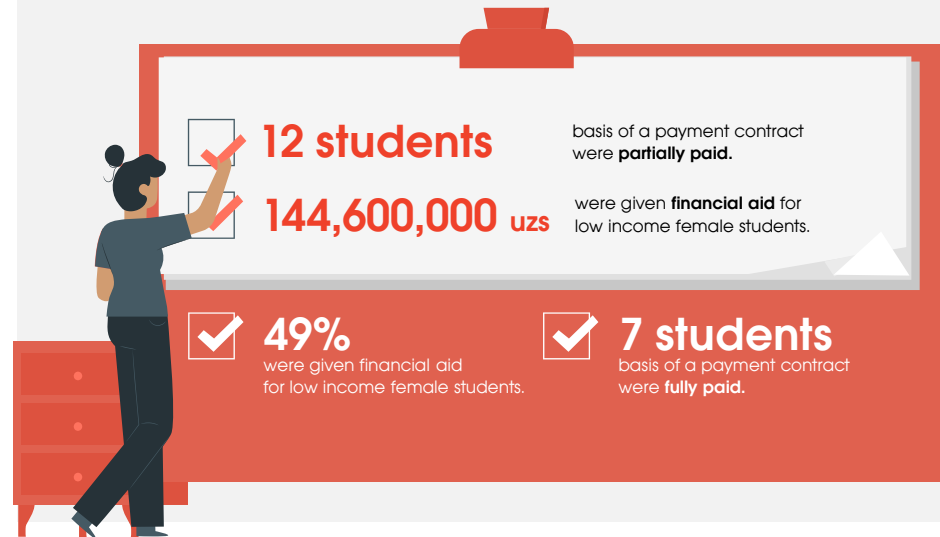


### Research Breakthrough

Researchers at NUU have conducted studies on the following topic: “[Systemic analysis of gender relationship formation in the context of national and religious identity of the feminine topic in modern Uzbekistan](#)”, which became one of the most cited articles.

This research project were funded by NUU's extra-budgetary funds and published in well-regarded journals.

### Financial Support of Female Students

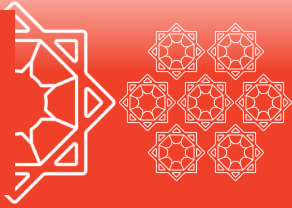


### COLLABORATION FOR SDG BEST PRACTICE

As we continue our partnership with [Olima Avollar](#), we remain committed to advancing scientific collaboration through innovative conference experiences. Our goal is to create a vibrant community of [researchers](#) who are not only well-informed but also inspired to push the boundaries of their fields.

### NUU scientist won the “The Best IT-researcher” nomination

[An awards ceremony was held for the winners of the “IT Star” competition for girls in IT and related fields, which was](#) organized together with the sponsors of the IT Ladies community under the IT Education Association. Minister of Digital Technologies Sherzod Shermatov took part in the event. Happily, Mehrbanu Rakhimova, a senior teacher of the Department of Artificial Intelligence of the Faculty of Applied Mathematics and Intellectual Technologies, successfully participated in this competition and won the title “The Best IT-researcher”.

5  
GENDER  
EQUALITY

## NUU for an Egalitarian Society

### A Step Towards Gender Equality and Societal Progress”

We have consistently organized seminars led by esteemed professors and members of the Women’s Committee, focusing on [addressing gender disparities](#), and exploring the ethical dimensions of life in student residences for women.

### Parents’ Congress

Gender equality and the empowerment of all women and girls, [PARENTS CONGRESS](#) congress highlighted the university’s commitment to creating an inclusive educational environment. By engaging parents in discussions about gender parity in [academic pursuits](#), the university aims to dismantle barriers that hinder female students from realizing their full potential.

 Press the button to watch the video

### Forum on International Day of Girls: “Girls – The Future of the Nation”

We have consistently organized seminars led by esteemed professors and members of the Women’s Committee, focusing on [addressing gender disparities](#), and exploring the ethical dimensions of life in student residences for women.

and girls, [PARENTS CONGRESS](#) congress highlighted the university’s commitment to creating an inclusive educational environment. By engaging parents in discussions about gender parity in [academic pursuits](#), the university aims to dismantle barriers that hinder female students from realizing their full potential.



## COMMITMENT TO FOSTER AN EGALITARIAN SOCIETY

NUU is committed to fostering an egalitarian society, where equality, inclusion, and social justice are at the core of its institutional values. Through its educational programs, research initiatives, and community engagement efforts, NUU actively works to promote equal opportunities and reduce social disparities in Uzbekistan and beyond.

### Training on “Practical Basics of Gender Statistics”

USAID’s Legal Reforms Program together with national partners organized a training on “Practical Basics of Gender Statistics” for representatives of ministries and agencies, civil society institutions, scientific community and other interested parties.

### International Day of Psychologists

The theme of this year’s celebration focused on the intersection of psychology and gender equality. Mental health is a crucial component of overall well-being, and it disproportionately affects women and girls due to various societal pressures, discrimination, and cultural norms. By addressing these issues through psychological support and education, we can take significant strides toward achieving SDG 5.

### Advantage of Art Therapy at different stages of personality development

In the training, issues such as getting to know the inner “I”, imagining oneself as a person, positive self-perception, alleviating psycho-emotional stress were studied.

### The purpose of education:

- 1 spontaneity, development of counter processes;
- 2 checking inter-agent and group dynamics.
- 3 determining the personal information, claims, problems of each participant, his position in the group;





# Safe water and Sanitation at NUU

NUU is committed to ensuring access to safe water and proper sanitation facilities for its students, staff, and visitors. The university prioritizes maintaining clean and hygienic conditions throughout its campus, with modern water filtration systems and regular monitoring of water quality to guarantee safety. Sanitation facilities are well-maintained, and efforts are continuously made to promote environmental sustainability



“

In order to prevent the pollution of natural water bodies with industrial and communal - economic wastewater, along with physical and chemical cleaning methods, biological cleaning methods are widely used. Collecting wastewater in a special place, using evaporation fields and biological ponds of treatment facilities are currently the most effective methods.

”

**KHURMATOY TURDALIYEVA**   
Professor of National University of Uzbekistan

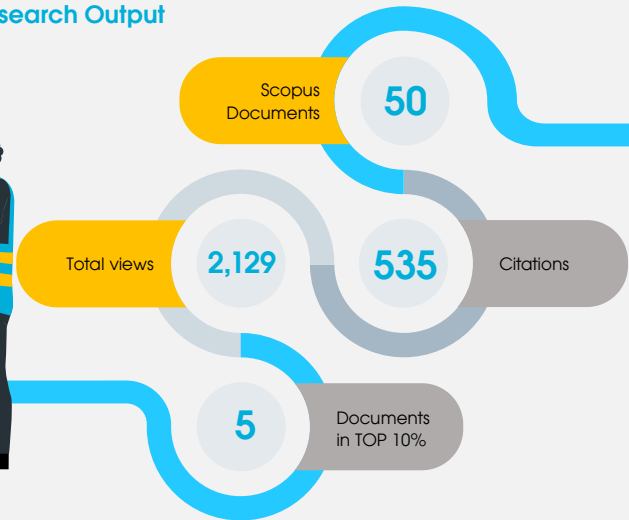


## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: [“Investigation of the water of Aydarkul Lake into components and the scope of their application”](#), and [“Growth of spinach as influenced by biochar and bacillus endophyticus igpeb 33 in drought condition”](#), which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and published in well-regarded journals.

## SDG 6 – Related Research Output



## Wastewater Policy at NUU

Regarding wastewater treatment, the National University of Uzbekistan has built a substantial wastewater management industry composed:

1

### Bazsuv Local Water Treatment Plant

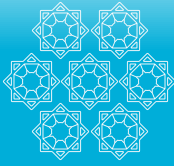
The large portion wastewater is transported to the **"Bazsuv" local water treatment plants**. These facilities provide an additional layer of purification, employing **advanced filtration** and disinfection techniques to further enhance water quality before its release or reuse.

2

### Innovative Biological Treatment

A key feature of the university’s wastewater management system is the integration of cutting-edge **biological treatment processes**. These processes are designed to naturally break down organic matter in the wastewater, **reducing the need for chemical treatments and minimizing environmental impact**.

6 CLEAN WATER AND SANITATION



## Clean Energy Solutions at NUU

### Promoting Sustainability and Conscious Water Usage:

NUU with a dedicated team of volunteers committed to promoting conscious water usage and environmental sustainability across the nation (main target: schoolchildren).

The volunteers travel to various regions across Uzbekistan, reaching both urban and rural communities. This regional outreach is vital, as it addresses the specific environmental challenges and water usage patterns in different areas.

#### Promoting Sustainability and Conscious Water Usage initiative

Recently, the **Promoting Sustainability and Conscious Water Usage** initiative visited schools across the regions of **Tashkent, Fergana, Jizzakh, and Samarkand**. The visit aimed to raise awareness among young students about the importance of water conservation, sustainability, and environmental responsibility.

> **4** REGIONS > **8** SCHOOLS > **53%** FEMALE > **42%** MALE

#### The importance of rivers and lakes in ecosystem stability

In cooperation with the Faculty of ecology of the National University of Uzbekistan and the faction of the Ecological Party of Uzbekistan in the Legislative Chamber of the Supreme Assembly and the Committee on ecology and environmental protection issues, a seminar was held on the theme "importance of rivers and lakes in ecosystem stability" on February 2-"World Water-marsh areas Day".

### WATER RESOURCE AND REUSE AT NUU

#### Total planted area is 26%

With a total planted area of 26%, the university has dedicated a significant portion of its grounds to landscaping with trees, shrubs, and other vegetation.

#### Total planted vegetation area

1 453 192 m<sup>2</sup>

#### Total Area

4 050 000 m<sup>2</sup>

#### Students limitation on UN conference \* using water sources in Central Asia: risks and opportunities\*

This event provided students with a platform to engage in discussions and debates about one of the region's most pressing issues—water resource management. Participants analyzed the risks associated with water scarcity, environmental degradation, and geopolitical tensions, while also exploring opportunities for cooperation, sustainable usage, and technological innovations in water management.

#### Program on drought tolerant flora

The 10-year plan reflects NUU's commitment to environmental sustainability. By choosing drought-tolerant plants, the university is creating an environment

**1000+**

Trees planted every year of which 60% is drought tolerant

## COMMITMENT TO TO ENSURE CLEAN WATER SUPPLY AND DEVELOPING SUSTAINABLE WATER BIOLOGICAL TREATMENT SOLUTIONS

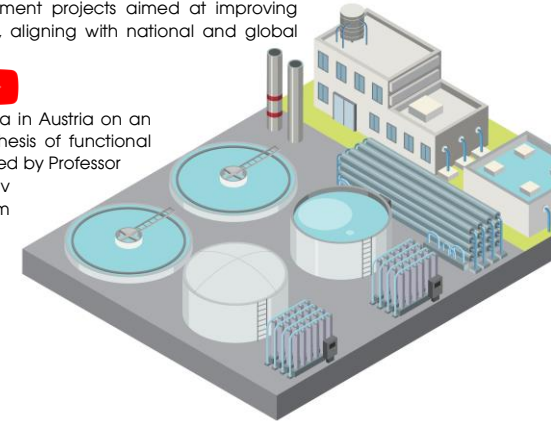
NUU prioritizes access to clean and safe water on campus and within surrounding communities. The university has implemented modern water management systems that emphasize the conservation and efficient use of water resources. These systems are designed to minimize water waste, promote sustainable usage, and ensure the highest water quality standards.

NUU is also engaged in research and development projects aimed at improving water access in regions prone to water scarcity, aligning with national and global efforts to address water security challenges.

#### Photocatalytic Decomposition of Wastewater



NUU is collaborating with the University of Vienna in Austria on an advanced research project focused on the synthesis of functional materials for wastewater treatment. This project is led by Professor Mukhamadiev and Professor Davron Bekchanov from NUU, alongside Professor Peter Liebelzak from the University of Vienna.



> **1** funding billion uzs

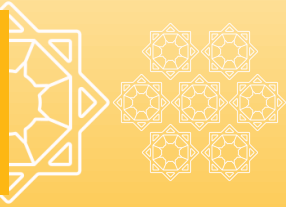
Water conservation and wastewater treatment across uzbekistan

Doctor of Biological Sciences **Khumatoy Turdalieva** and her team's research and development has led to the creation of an economical and effective method of biological wastewater treatment, which has been successfully implemented in various regions of Uzbekistan. This method, which uses plants such as Azolla and Eichornia, is becoming increasingly attractive to industrial enterprises and wastewater treatment plants due to its economic efficiency and environmental benefits.

**100.000** cubic meters per day

**1** billion Contracts signed uzs





# Developing Sustainable Energy Sources at NUU

National University of Uzbekistan frequently runs awareness campaigns and volunteer programs to encourage eco-friendly energy use. We also have research teams working on creating sustainable technologies to help reduce the world's reliance on fossil fuels. Additionally, the University focuses on promoting clean and affordable energy solutions to support a healthier environment and make energy more accessible for everyone.



“Perovskite solar cells are thin (about 300 nm), light, flexible, and the production takes place in a simple atmospheric process. The manufacturing method is also easy and cheap. Also, the production process does not require special conditions (for example, vacuum conditions, high temperature of 1000-2000 temperature), is promising due to the high energy conversion efficiency,” says the researcher.

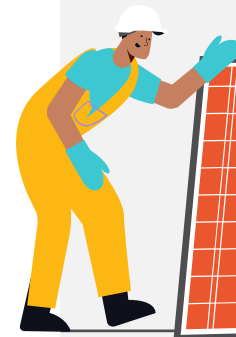
**AZIZ SAPARBAYEV**   
Professor of National University of Uzbekistan

## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: “[Over 17% efficiency all-small-molecule organic solar cells based on an organic molecular donor employing a 2D side chain symmetry breaking strategy](#)”, and “[Test particles dynamics around deformed Reissner-Nordström black hole](#)”, which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and published in well-regarded journals.

## SDG 7 – Related Research Output



69

Scopus Documents



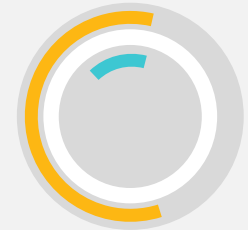
624

Citations



2,763

Total views



52,17%

SDG 7 – Related Documents Cited

13,04%

Documents in TOP 10%

Domestic

33,30%

International

66,70%

Collaboration

We are achieving an effective reduction of the University's electricity consumption through the replacement of energy-saving LED lamps and street lighting projectors.

## WE MANAGED TO SAVE

21.8%

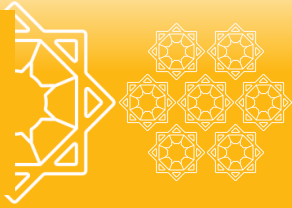
of electricity consumption by replacing a total of

5 395 

units of energy-efficient lighting devices



7 AFFORDABLE AND CLEAN ENERGY



Developing Sustainable Energy Sources at NUU



NUU's "Green Power" Project

The university has installed an extensive network of solar panels, generating a significant portion of its electricity from renewable sources (3 895 230 kWh). This clean energy is not only used to power the university campus but is also provided to the surrounding local communities. By doing so, the university helps reduce reliance on fossil fuels, lowering the overall carbon footprint of the area.

Solar Power Provision 

The university has installed an extensive network of solar panels, generating a significant portion of its electricity from renewable sources. This clean energy is not only used to power the university campus but is also provided to the surrounding local communities. By doing so, the university helps reduce reliance on fossil fuels, lowering the overall carbon footprint of the area.

Commitment to Sustainable Development 

Through the GP project, National University of Uzbekistan is not only addressing its energy needs but also supporting the sustainable development of the Olmazor district. The project exemplifies how academic institutions can lead by example in the transition to a more sustainable and environmentally friendly energy system.

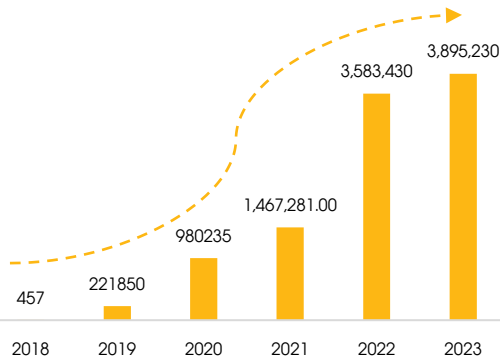


COMMITMENT TO SUSTAINABILITY

The solar panel project is part of a broader sustainability strategy at the National University of Uzbekistan.

This strategy includes initiatives aimed at improving energy efficiency, reducing waste, and promoting sustainable practices across the campus.

By investing in solar energy, the university demonstrates its leadership in sustainability and its commitment to a greener future.



COMMITMENT TO AFFORDABLE AND CLEAN ENERGY

Electric Vehicle Initiative at National University of Uzbekistan

In line with its dedication to promoting sustainable practices and reducing its environmental footprint, the National University of Uzbekistan has recently acquired 2 new electric vehicles for its vice-rectors and professors were helped to buy 22 electric cars as a preferential loan. This initiative underscores the university's commitment to affordable and clean energy, further enhancing its efforts towards sustainability and divestment from fossil fuels.

24

The purchase of 24 new electric vehicles

for vice-rectors and professors is a strategic move to reduce the university's carbon emissions and demonstrate leadership in sustainable transportation.



Transformative Renovations at NUU

National University of Uzbekistan has recently undergone a series of remarkable renovations, underscoring its commitment to sustainability, modernity, and an enhanced learning environment. These improvements are part of the university's ongoing efforts to provide a top-tier educational experience while reducing its environmental footprint.

Renovated faculty of chemistry

Faculty of Chemistry has seen some of the most transformative changes. The building has been extensively renovated to create a more inviting and functional space for both teaching and research. A key aspect of this renovation is the installation of huge windows, strategically placed to maximize natural lighting. This not only reduces the need for artificial lighting during the day but also creates a bright and pleasant atmosphere for students and faculty. Natural light is known to improve concentration, mood, and overall well-being, making this a particularly impactful change.



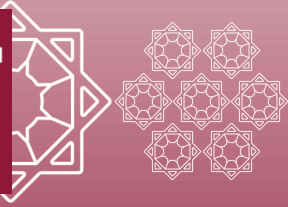
Total installed power

2110KWh

Total number of installed panels

3 804 pieces





# Empowering Futures, Fostering Growth

NUU actively promotes decent work and economic growth through the organization of various conferences, forums, and seminars focused on labor market trends, sustainable development, and economic innovation. These events bring together experts, academics, and students to discuss strategies for creating inclusive economic opportunities and fostering professional development.



The scientist emphasized that due to the COVID-19 pandemic and Russia's war against Ukraine, a recession phase was observed in the world economy. That is, due to the food and fuel crisis, the annual growth in the international economy decreased, and it was 3.1% last year.



**ABDURAHIM VAHOBOV**   
Professor of National University of Uzbekistan

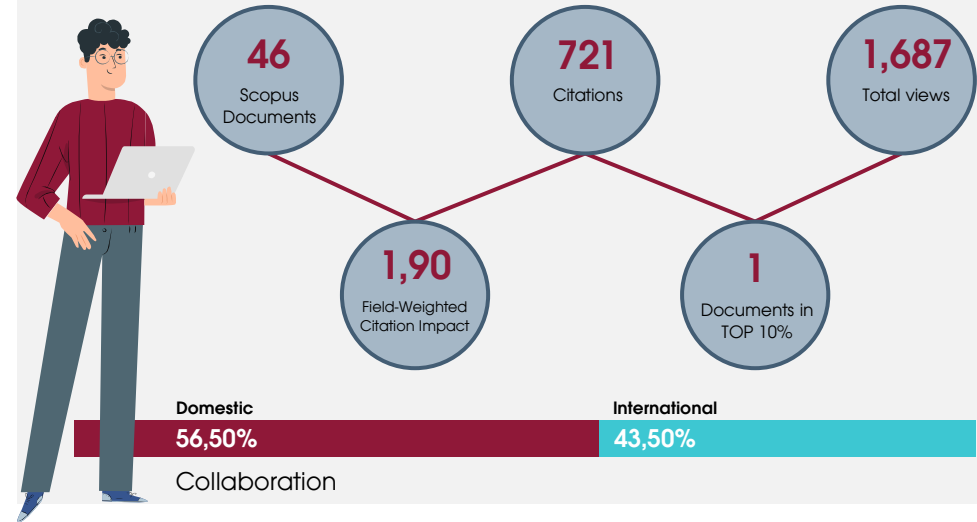


## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: ["Impact assessment of soil salinity on crop production in Uzbekistan and its global significance"](#), and ["Euphorbia prostrata as an eco-friendly corrosion inhibitor for steel: electrochemical and DFT studies"](#), which became one of the most cited articles.

These projects were funded by NUU's extra-budgetary funds and published in well-regarded journals.

## SDG 8 – Related Research Output



## TRADE UNION COMMITTEE AT THE NATIONAL UNIVERSITY OF UZBEKISTAN

### Day of Trade Unions of Uzbekistan

An award ceremony and a concert program were held at the National University of Uzbekistan on November 11 – "Day of Trade Unions of Uzbekistan".

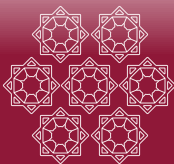
On the occasion of the "Day of Trade Unions of Uzbekistan" holiday, professors-teachers and workers who are active in educational, scientific, spiritual-educational, public and economic work at the university are congratulated by Uzbekistan. The Republican Council of the Trade Union of Science and Technology Workers, the Tashkent City Council and the Trade Union Committee of the National University of Uzbekistan presented valuable gifts, certificates of honor and free tickets to sanatoriums.

**> 3 500**  
trade union members

**> 17**  
faculties

**> 29**  
primary trade union organizations

## 8 DECENT WORK AND ECONOMIC GROWTH



## Empowering Futures, Fostering Growth

### EMPLOYMENT POLICY ON DISCRIMINATION

The EDI (Equality, Diversity, and Inclusion) Committee of the National University of Uzbekistan is likely a committee dedicated to promoting and ensuring equality, diversity, and inclusion within the university community. Such committees are common in academic institutions worldwide and play a crucial role in fostering a welcoming and supportive environment for all students, faculty, and staff regardless of their background, identity, or characteristics.

#### Aims of EDI Committee



Ensure the organisation is more open and attractive to members from all backgrounds;



Engender openness and transparency across Resolution's work;



Get more people, from more diverse backgrounds, involved across Resolution;



Understand equality and diversity across the membership, compare this with the sector, identify any problems and plan activities which will work towards solving the problems.



### EMPLOYMENT PRACTICE UNIONS

#### Activity of young scientists in science

On 10 February, NUU, in cooperation with the Olima Women's Association of Uzbekistan, the Agency for Youth Affairs of the Republic of Uzbekistan, the international organization ASIE, the Uzbekistan-USA and Uzbekistan-France friendship societies, held an international scientific-practical conference on the theme "Activities of young scientists in science in achieving the national sustainable development goals of the Republic of Uzbekistan" in the framework of the International Day of Women and Girls in Science.

#### The Chinese professor was awarded the title of Honorary Professor of NUU

In collaboration with the Ministry of Higher Education, Science and Innovation, the Alliance of International Scientific Organizations (ANSO), and the Chinese Center for Disease Control and Prevention, the National University of Uzbekistan named after Mirzo Ulugbek hosted a symposium on the "Development of Biomedicine and Innovative Research in Uzbekistan." The event gathered leading experts and researchers to discuss advancements in biomedicine and the future of innovative research in the country.

#### "UNICEF and the Association of Persons with Disabilities of Uzbekistan are increasing the capacity of organizations for the protection of the rights of the disabled"

In Tashkent, a seminar was held on the topic "Fundamentals of the Convention on the Rights of Persons with Disabilities" in cooperation with the Association of Disabled Persons of Uzbekistan, a partner organization of the National University of Uzbekistan, and UNICEF.

In 2022-2023, representatives of about 200 organizations of persons with disabilities in the cities of Namangan, Kokand, Bukhara, Samarkand, Nukus and Tashkent participated in trainings. During the training sessions, the parent groups received legal and advisory support for the registration of disabled people's organizations and the continuous development of the organizations.

#### Representation of students in the governing boards of the university

At the National University of Uzbekistan, we believe in the importance of student representation in the governing body to ensure that the voices and perspectives of our student body are heard and considered in decision-making processes. As such, we have established mechanisms to facilitate student participation and representation at various levels of university governance.

In addition to the Student Council, students are also represented in various university committees and boards, where important decisions are made regarding academic programs, curriculum development, and institutional policies. These committees often include student representatives appointed by the Student Council or elected directly by their peers. By participating in these committees, students have the opportunity to contribute their insights and perspectives to discussions that shape the university's direction and priorities.

#### Students of NUU undergo internship and get a job at "Hamkorbank"

"Career Day" was organized for graduates of the Faculty of Economics in cooperation with the University Career and Employment Center and "Hamkorbank" joint-stock commercial bank.

Tests were organized in order to select the most suitable graduates who expressed their desire to do internship and work at "Hamkorbank". 64 graduate students expressed their desire to participate.

31 graduates who successfully passed the initial test were invited to the final interview, and according to the results of the interview, 20 graduates got the opportunity to do an internship at any branch of the joint-stock commercial bank "Hamkorbank" and get a job later.

#### University students Presidential Election as interpreters

National University of Uzbekistan's Foreign Philology Department runs the Interpreters Program, a volunteer opportunity for young graduates and final-year interpreting students to hone their abilities in a real-world conference setting by assisting more seasoned interpreters. Additionally, they will be called upon to assist international visitors and translate at government gatherings, summits, and forums.

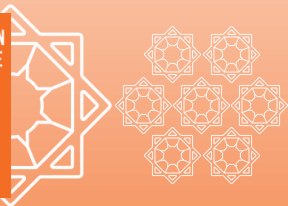
Within the framework of this program, students of the Faculty of foreign Philology of the National University of Uzbekistan accompanied international observers and foreign journalists who came to the country to be acquainted with the processes of the extraordinary presidential election.

#### NUU honored labor veterans with the 105th anniversary of the university

On the occasion of the 105th anniversary of the National University of Uzbekistan named after Mirzo Ulugbek, a momentous celebration took place.

**130** esteemed professors and teachers were honored with the prestigious "Veteran of Labor" badge.

This recognition underscores their invaluable contributions to higher education and their dedication to fostering academic excellence. The badges were awarded following a decision by the Board of Trustees of the "Nuroni" fund. This fund is dedicated to supporting the social activities of Uzbekistan's veterans.



# Promote inclusive and sustainable industrialization and foster innovation at NUU

At the National University of Uzbekistan, we believe that a thriving innovation ecosystem is built upon the continuous flow of dialogue and exchange of information between various stakeholders. We are committed to understanding the specific needs of each stakeholder, thereby bridging all gaps to create an environment that nurtures and accelerates innovation. Through this approach, NUU strives to establish a robust platform where knowledge and ideas converge, empowering our community to achieve sustainable growth and success in the ever-evolving global landscape.



The scientist emphasized the potential of this project to make a significant contribution to the sustainable development of agriculture, water and energy resources, emphasizing the commitment of the university to innovative research and practical solutions.

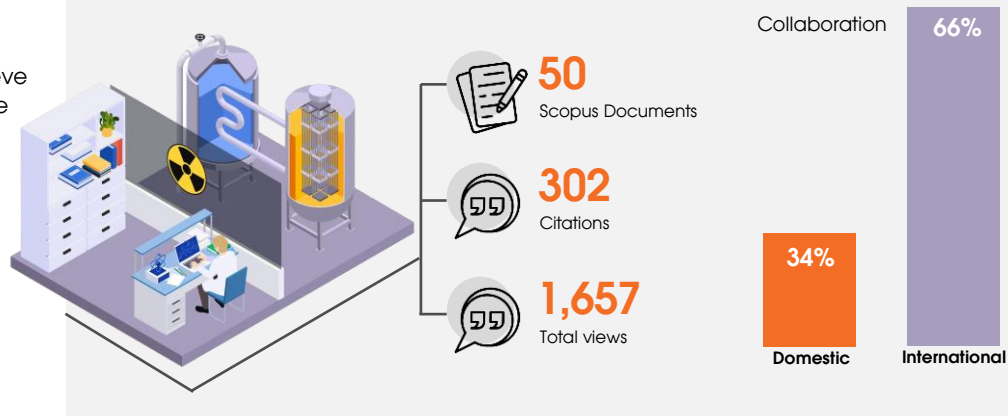
**BAKIR ZARIPOV**   
Professor of National University of Uzbekistan

## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: [“Sustainable Production of Biodiesel from Novel Non-Edible Oil Seeds \(Descourainia sophia L.\) via Green Nano CeO<sub>2</sub> Catalyst”](#), and [“Novel Copper Oxide Phyto-Nanocatalyst Utilized for the Synthesis of Sustainable Biodiesel from Citrullus colocynthis Seed Oil”](#), which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and by international research projects funds.

## SDG 9 – Related Research Output



NUU is more than just a place for students to study; it’s a hub for developing entrepreneurial skills and launching startups. Students have the opportunity to participate in local and international startup competitions each year, allowing them to showcase their ideas and gain valuable experience.

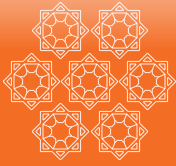
### “National University – a Place of Wide Opportunities”

As part of the vibrant student festival themed “National University – a Place of Wide Opportunities,” an exciting competition titled “The Best Innovative Idea” was held, echoing the spirit of “Building a New Uzbekistan Together.” The festival, which took place on June 12, served as a platform for students to showcase their creativity, ingenuity, and commitment to shaping the future of Uzbekistan through innovative solutions.

### “Scientific-innovative and start-up projects” competition was held as part of the “Techno Ways” technological development marathon

Participants of the Techno Ways technological development marathon present scientific, innovative and entrepreneurial projects in various fields such as technology, engineering, biotechnology, healthcare, agriculture and sustainable development. Participants will have the opportunity to present their projects in front of a distinguished jury consisting of experts, industry leaders and investors. Projects are evaluated based on criteria such as creativity, potential impact, dissemination and sustainability. Contest winners will receive valuable prizes, mentorship opportunities, and potential investment support to further develop and expand their projects.



9 INDUSTRY, INNOVATION  
AND INFRASTRUCTURE

## Promote inclusive and sustainable industrialization and foster innovation at NUU

### INVENTIONS AND INNOVATION

Professors and teachers at the National University of Uzbekistan (NUUz) are actively patenting their innovations and seeking to monetize their expertise.

#### Inno-week a platform for innovation

Dr. Turdaliyeva, professor of biological sciences of NUUz, and her team at the biology faculty have developed a cost-effective and highly effective method of biological treatment of wastewater using water plants such as azolla and eichhornia.

Due to its economic efficiency and environmental advantages, this method quickly became popular among industrial enterprises and treatment plants in Uzbekistan.

#### Photocatalytic Decomposition of Wastewater

Advanced research project aims to address one of the most pressing environmental challenges of our time: the effective treatment of wastewater contaminated with toxic organic compounds.

Recognizing the potential impact of this research, the project has garnered significant financial support. The project won an award totaling 4 billion usd organized by The MinHEI, a clear indication of the project's importance and the confidence in its potential to improve water quality and contribute to environmental health.

#### Academician of NUU performed an innovative physiological in vivo surgery on the rabbit intestine

A new innovative surgical method was introduced at the Physiology Research Center at the NUU under the guidance of Academician Bakriddin Zaripov, performed surgery on a rabbit, focusing on digestion—a key area in physiology.

This exercise, organized with the Minvation, and the Tashkent Medical Academy, included participation from students and researchers across Uzbekistan, Kazakhstan, Kyrgyzstan, Tajikistan, the USA, the UK, the Czech Republic, and Belarus.

Using a novel in vivo technique, the rabbit's intestine was isolated and a fistula was created, allowing for detailed study of food absorption, molecular mechanisms, and the effects of vitamins and toxins.

### A HUB FOR CULTIVATING ENTREPRENEURIAL SPIRIT IN STUDENTS

#### The World Festival of Youth Startup Projects

The team of the NUU, including students of the Faculty of Physics and Chemistry, participated in **The World Festival of Youth Startup Projects** that was held in Russian federation from March 1<sup>st</sup> to 7<sup>th</sup>. Talented students presented their scientific projects and developments at the **"International technology hub"** exhibition organized within the framework of the festival.

#### The most advanced projects at "InnoWeek-2023"

Ulugbek Abdukarimov, a 4th-year student of the Faculty of Biology of NUUz, was awarded for the project "Creating a new variety of strawberry using DNA-marker technology", which was recognized as one of the most advanced projects at the exhibition

#### II international festival "NAUKA 0+" at the Tashkent Polytechnic Museum



Scientific and popular lectures of leading scientists, interactive exhibitions of scientific achievements, virtual laboratories, interesting scientific performances, discussions about the future of humanity, scientific films, robot competitions, quizzes, quests and many other events were organized within the framework of the festival.

The exhibition corner was organized by departments and departments of the National University of Uzbekistan for the organization of scientific research and activities of talented students, which attracted the high level of attention of the participants of the event.

The second international festival "NAUKA 0+" was held at the Tashkent Polytechnic Museum under the main organization of the National University of Uzbekistan. Also, this international festival was organized in cooperation with the Ministry of Education and Science of Russia, Moscow State University, Mendeleev Russian University of Chemistry and Technology, Academy of Sciences of the Republic of Uzbekistan.

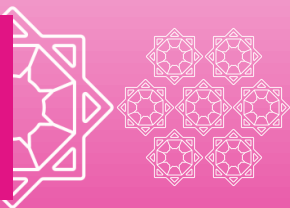
#### A special electronic chess project in braille created by a student of NUU for blind and visually impaired children



Ortiqov Niyatjon, a student at the National University of Uzbekistan, has launched an innovative electronic chess project designed for blind and visually impaired children.

This initiative aims to provide equitable access to chess, promoting cognitive development and recreational opportunities for those with visual disabilities. Niyatjon's project promises to enrich the lives of visually impaired children, offering them a unique platform for intellectual stimulation and social engagement, while highlighting the importance of inclusivity through innovation.





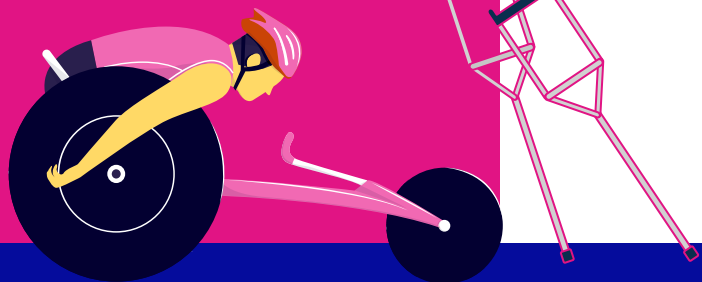
# Inclusivity at NUU



There is already a special privilege for blind people in higher education entrance exams, and the exams would be different from the usual one - oral form. In addition, since 2018, special preferential quotas for people with disabilities have contributed to the increase of students with disabilities in HEIs. Taking into account that the two percent benefit comes from the general quota, with the increase of these quotas in HEIs, the inclusion of students with disabilities will also increase. This requires a separate section dealing with them.



**ABDULLA ABDUKHALILOV**   
Professor of National University of Uzbekistan

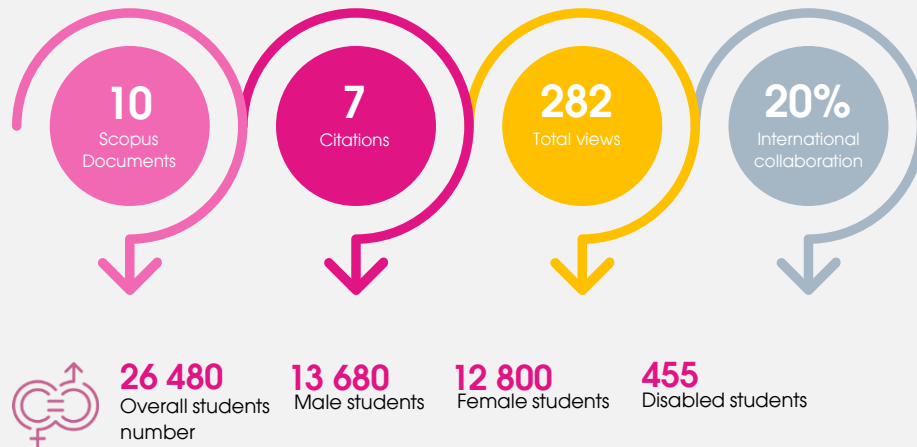


## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: “[Systemic analysis of gender relationship formation in the context of national and religious identity of the feminine topic in modern Uzbekistan](#)”, which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and by international research projects funds.

## SDG 10 – Related Research Output



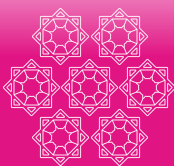
### An intellectual tournament for students with disabilities was organized at NUU



In order to support students with disabilities, to open up their opportunities, and to encourage their aspirations, at the Faculty of History of the National University, on the occasion of the International Day of the Blind and Disabled, “No one is left out of love and attention in Uzbekistan.” Within this tournament, more than **300 students with disabilities** studying in various faculties of the university actively participated in the “Checkers” competition and “Zakovat” intellectual games.

According to the results, the winning participants in the checkers competition among students with visual disabilities of the I and II groups were awarded with a cash prize (1st place – 1,500,000 soums, 2 – 1st place – 1,000,000 soums, 3rd place – 500,000 soums) and were encouraged with gifts from the Almazor District Blind Society.



10  
REDUCED  
INEQUALITIES

## Inclusivity at NUU

**Students of NUU is the champion of Uzbekistan in para shooting**

On November 28-30, the Para Shooting Championship of Uzbekistan was held at the shooting base of the Central Military Sports Club located in Tashkent.

About 50 snipers tested their skills at the national championship. Athletes competed in pistol and rifle shooting programs at a distance of 10 meters.

In this championship, **Mahmudakhan Sobirova**, a 4th grade student of the Faculty of History of the National University of Uzbekistan, was the winner in rifle shooting, and **Shahnoza Mamajonova**, a 3rd grade student of the Faculty of Uzbek Philology, was the winner in pistol shooting and became the champion of Uzbekistan.

**ANTI-DISCRIMINATION IN EDUCATION** 

In the Faculty of Social Sciences, the subjects of specialization are taught in English. Proficiency in English is often linked with better job prospects and opportunities for higher education. By teaching in English, the Faculty equips students with skills that are increasingly necessary in a [globalized world](#), helping them [compete equally in the job market](#).

**Blind Students at NUU Demonstrate Academic Success**

In a display of inclusivity and support for students with disabilities, the National University of Uzbekistan ensured that all students, regardless of their physical abilities, had equal opportunities to excel academically. This commitment to accessibility and equity was exemplified through the provision of necessary accommodations and support services to blind students.

**Shukhrat Toshmatov** vice-rector for academic affairs of NUU - "Empowering all students to succeed is at the core of our university's values. We are incredibly proud of our students for their perseverance and commitment to their education."

**A special electronic chess project in braille created by a student of NUU**

In a commendable demonstration of innovation and social responsibility, Ortiqov Niyatjon, a student at the National University of Uzbekistan, has pioneered an extraordinary electronic chess project tailored specifically for blind and visually impaired children. This groundbreaking initiative aims to provide equitable access to the game of chess, promoting cognitive development and recreational opportunities for individuals with visual disabilities.

Ortiqov Niyatjon's commitment to accessibility and innovation exemplifies NUU's ethos of fostering student-driven initiatives that address societal needs and promote positive change.

**There is no excuse not to read a book**

The podcast "Book.uz," hosted by two professors from the NUU, serves as a powerful platform to discuss a diverse range of literature while advocating for inclusivity in reading. By highlighting the experiences of blind and disabled individuals, the podcast challenges societal perceptions about accessibility in literature.

Through engaging discussions and expert insights, "Book.uz" not only enriches the literary landscape but also fosters a more equitable society where everyone has the opportunity to engage with and enjoy literature.

**FACILITIES**

All the facilities in the university premises are accessible to students with disabilities. Wheelchair ramps are available to make the entrance and exit of the university grounds easier for students who use them, making it possible for students with disabilities to use all of the amenities that are located on university grounds.

Buttons with Braille letters installed in the elevator of the main building of the university, and the university's restrooms are likewise designed to accommodate the requirements of these students.

**PARTNERSHIP****INSHEA Institute of France**

NUU has actively sought to enhance its educational practices by drawing on the experiences and expertise of foreign universities in the field of inclusive education. This collaboration aims to foster an environment that accommodates diverse learning needs and promotes equal opportunities for all students, regardless of their backgrounds or abilities. By studying successful models and strategies implemented by international institutions, the university seeks to integrate best practices into its curriculum and training programs.

**The student of NUU is the founder of the disabled women's society "Dugona"**

Among the reforms carried out in our country, gender equality, solving the problems of women and girls and their social support are the most priority issues of our state policy, including solving the problems of women included in the "Women's Register", encouraging them to enter the profession and entrepreneurship. It consists of providing practical assistance for training in skills, ensuring employment, thereby strengthening their position in the life of the society.

**RSSU Higher Medical School**

Development of a unified university policy in the field of medical and social services for persons with disabilities and other categories of the university in need of social protection within the framework of cooperation with the non-governmental non-profit organization "Fund for the Development of Social Services" conducting scientific research in the field of rehabilitation, organizing the university to implement national and international legislation on the rights of persons with disabilities.



## 11 SUSTAINABLE CITIES AND COMMUNITIES



# Promoting Diversity in Culture at NUU

The museums and cultural events at NUU play an integral role in promoting cultural development and providing diverse perspectives to both the local community and the country. They reflect the university's commitment to preserving cultural heritage and fostering new visions through education, exhibitions, and performances.

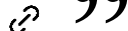


“

Specialist highlighted the various events organized at the university aimed at promoting national traditions. These initiatives focus on encouraging students to embrace and popularize the rich cultural heritage of Uzbekistan. By integrating cultural elements into university life, NUU fosters a strong sense of identity and pride among its students, helping to preserve and celebrate the nation's traditions through educational and extracurricular activities.

**MIRALISHER XASANOV**

Head of the Department of work with youth, spirituality and enlightenment of National University of Uzbekistan



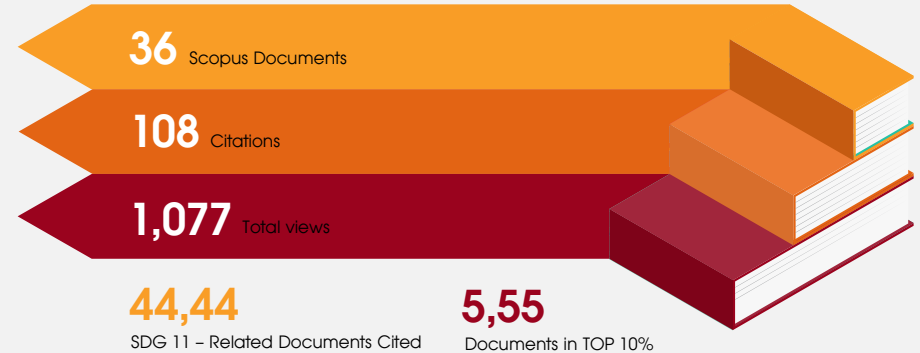
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## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: [“Remote Sensing for Land Use Monitoring in the Suburban Areas of Tashkent, Uzbekistan”](#), and [“Monitoring of land cover using satellite images on the example of the Fergana Valley of Uzbekistan”](#), which became one of the most cited articles.

These projects were funded by NUU's extra-budgetary funds and by international research projects funds.

## SDG 11 – Related Research Output



Domestic International

16% 84%

International Collaboration

## 2024 Navruz Celebration at NUU



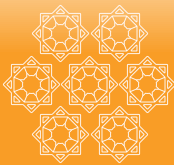
Navruz, the traditional New Year celebration in Uzbekistan, is a time of joy, renewal, and cultural pride. At the National University of Uzbekistan, this festive occasion is marked with various activities that bring students and faculty together. One of the most cherished traditions during Navruz is the making of Sumalak, a special dish symbolizing prosperity and health.

## An event dedicated to the birth of two geniuses of the same era

This event was held in order to widely promote the national and universal ideas deeply expressed in the works of two great thinkers, and to form high moral qualities in the hearts of students and young people.

Shahlo Khojiyeva, associate professor of the “Literary Studies” department of the Faculty of Uzbek Philology, explained to the participants of the meeting that it is the most important task and duty to preserve the great spiritual heritage left by our great scholars and to pass it on to the next generation.

## 11 SUSTAINABLE CITIES AND COMMUNITIES



## Promoting Diversity in Culture at NUU

## PUBLIC ACCESS TO BUILDINGS

National University of Uzbekistan is located in the student town, where the museum, library, laboratory centers, historical buildings, various entertainment events and green spaces **are open to everyone**. There are a number of cultural institutions inside and outside of our university, entry to which is absolutely free.

## Beruni Avenue

Since the university area is located in Beruni Square, a statue of Abu Rayhan Beruni was installed at the beginning of the university avenue.

25 000+ visitors every year



Press the button to watch the video

## Administrative and Lecture Buildings

NUU is a campus with the largest green area in the republic, as well as an important monument with a **105-year history**. The buildings on the campus, namely the museum, library and faculty buildings, are open to everyone until 18:00.



Press the button to watch the video

## PUBLIC ACCESS TO LIBRARIES

The Main library of the National University of Uzbekistan has **717 seats** and includes **17 libraries located in 17 faculties** of the university and a large library in the main building connecting them. The library is open from Monday to Saturday from 09:00 to 20:00.

3 800 000 The number of annual visitors



Press the button to watch the video

## PUBLIC ACCESS TO GREEN SPACES

NUU is called the best green campus among universities located in Tashkent. There are two main transport routes to the campus, one from Beruniy Metro Road and another from Ibn Sino Road. There are additional entrances for pedestrians, cars and bicycles from both roads. Campus facilities and buildings are accessible from both directions. There are many rare and ancient trees on the campus. This green area is mainly used for entering the university, relaxing, reading books, and doing various activities and handicrafts.

## PUBLIC ACCESS TO MUSEUMS

6 museums are operating in our university. They are free and open to all. Working hours are from 09:00 to 17:00

- |   |  |   |                                     |   |  |
|---|--|---|-------------------------------------|---|--|
| 1 | <a href="#">Museum of Chingiz Aytmatov</a>                   | 3 | <a href="#">Paleontology Museum</a> | 5 | <a href="#">Cotton Collection Museum</a> |
| 2 | <a href="#">Dolimov Geological Museum at Faculty Geology</a> | 4 | <a href="#">Earth Globe</a>         | 6 | <a href="#">Zoology Museum</a>           |

## UNIVERSITY CHOIR, THEATER, ORCHESTRAS.

## Special Art Studio

[There are theater studios](#) with 200 seats in the faculties of biology, economics, and social sciences, and there is a palace of culture with 500 seats under the university, where various events and theater festivals are held. 'rick - a competition will be held. "[Humo](#)", "[Kashfiyot](#)", "Ilg'hor", "[Antikvar](#)" and other teams of the university will take part in it.

## Theater

BAC Audio recording studio has high quality speakers. The studio can be used for vocals. It is used for speech work, instrumental writing, academic course work, assignments, interviews, multimedia projects, etc. Students can work with music teachers, prepare for events and choirs, concerts.

## PROMOTE SUSTAINABLE COMMUTING

University campus set up pedestrian-only areas that prohibit all kinds of vehicles in order to create a people-oriented, pedestrian-first space. The university rules then restricts the speed limit of vehicles on the campus as 20 km/h. Some sections of the road are equipped with vehicle deceleration pads (slopes) to avoid vehicle speeding and endangering the safety of pedestrians.

## Electric Motor Battery Exchange Station

There are many scooter parking spaces on and around the campus to provide convenience for scooter commuting. To encourage teachers and students to adopt electric scooters, the university signed an electric motor battery exchange station with "JET" company.

## On-campus Bus Route

The most common commuting method for the faculty, staff, and students is taking buses. Transportation companies to move the bus routes into the center point of the university campus to provide a more convenient experience for commuting by bus. In addition, the University is encouraging faculty and staff to actively take the bus by giving them transport cards which gives discount in public transportation fee.





# Sustainable Choices, Lasting Impact

The university encourages sustainable resource use through awareness programs, eco-friendly initiatives, and research projects that focus on reducing waste and promoting efficient energy use. NUU also integrates sustainable practices into its campus operations and curricula, fostering a culture of environmental responsibility among students and staff, contributing to a greener, more sustainable future.



“

Specialist gave an interview on climate action and the steps needed to achieve sustainability. He emphasized the importance of environmental protection, resource conservation, and the adoption of innovative technologies in combating climate change.

**KHUDOYBERDIYEV ALISHER** 

Student of National University of Uzbekistan,  
Specialist of Research Institute of  
Hydrometeorology

”

## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: “[Sustainable Production of Biodiesel from Novel Non-Edible Oil Seeds \(Descourainia sophia L.\) via Green Nano CeO2 Catalyst](#)”, and “[Novel Copper Oxide Phyto-Nanocatalyst Utilized for the Synthesis of Sustainable Biodiesel from Citrullus colocynthis Seed Oil](#)”, which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and by international research projects funds.

## SDG 12 – Related Research Output



25

Scopus Documents

2

Field-Weighted Citation Impact - 5 Year



210

Citations

1

Documents in TOP 10%



974

Total views

Domestic

28%

International

72%

Collaboration

### «International No Waste Day»

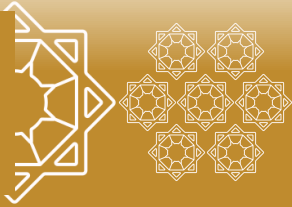
The Plogging in Environmental Action initiative includes a series of events and activities designed to engage community members of all ages. Participants are encouraged to participate in organized plogging sessions, where they run through designated areas, picking up trash and recyclables along the way. These events are often held in parks, cities, and natural landscapes, highlighting the prevalence of litter and the need for ongoing cleanup efforts.

### Students of NUU on the Campaign to Clean up Tuzkan Lake and its Surroundings

As an example of respect for environment and [social activities](#), students of the National University of Uzbekistan conducted a large-scale campaign to clean Tuzkan lake and its surroundings. Part of a wider campaign to protect the environment and promote tourism, this initiative has passionately engaged students and youth who are looking to make a difference.



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



## Sustainable Choices, Lasting Impact

### EVENTS RELATED RESPONSIBLE CONSUMPTION AND PRODUCTION

#### On the initiative of students in NUU "Let's save nature from plastic and polyethylene!"

Editor's Choice All The cleanup campaign conducted at the National University of Uzbekistan is an example of the power of student-led initiatives to make meaningful change and inspire others to take action towards a more sustainable future.



"Our clean-up campaign underscores the importance of taking tangible action to combat plastic pollution and protect our precious natural resources. By working together to clean our campus and enhance its green spaces, we are not only fostering a cleaner environment but also nurturing a sense of collective responsibility towards nature."

**RUSTAMJON ALLABERDIYEV**

initiative organizer

#### "Cycle Production and Conscious Consumption"

Foundation for the Development of Science and Education – ZIYO Forum organized a discussion with representatives of local experts engaged in projects in the field of recycling as part of the Global Entrepreneurship Week. Employees of the Department of Strategic Development and International Ranking of NUU took part in it.

Specialists who spoke during the event made a presentation about international projects aimed at environmental protection and rational use of nature, as well as their personal experiences.

The purpose of this event is to create an eco-culture among young people, to encourage various organizations, including universities, to intensify the work on "greening".

#### A Special Campaign Was Held In Uzbekistan Dedicated To The Day Of Earth Hour

At the initiative of the Ministry of Ecology, Environmental Protection and Climate Change, a special campaign is being held in our country dedicated to Earth Hour on March 25. On this day, in order to care for the planet and preserve natural resources, electrical equipment in all government organizations will be turned off for one hour.

#### Head of the Ecology Party met with future politicians

We always have seminars and trainings to promote awareness of students and staff about responsible consumption and production. Head of the Ecology Party met with future politicians and gave information about global issues on this topic and how to tackle them.



"It's no secret to any of us that environmental problems related to water, drought, and waste are increasing today. The main goal of our party is to draw the attention of the general public and the government to these environmental problems and find a positive solution to them. In this regard, the goodwill of future politicians like you, who are not indifferent to our ecology, is very important"

**ABDUSHUKUR KHAMZAYEV**

Head of the Executive Committee of the Central Council of the Ecological Party of Uzbekistan

#### "We will fight for green development!" Ecoforum started in Tashkent under the slogan

The chairman of the Ecological Party of Uzbekistan, spoke at the opening ceremony of the forum and said that in order to improve the ecological environment in our country, to eliminate the problem of increasing water scarcity and waste, as well as to improve the atmosphere, to expand forests, in densely populated cities.

## REDUCE PLASTIC WASTE THROUGH PRACTICES LIKE RECYCLING CORRECTLY, AVOIDING SINGLE-USE PLASTICS, AND USING REUSABLE ITEMS.

### Bring your own container

It is allowed for both teachers and students to take food in their own dish for leftovers. Reduces the requirement for single-use plastic containers. Therefore, kindly use your own containers for leftovers and take-out food.

### Promoting Sustainability: NUU and Regional Recycling Regulations

The university has installed clearly marked recycling stations across its campus. These stations are designed to facilitate the separation of recyclables such as paper, plastics, metals, and glass. Signage and color-coded bins help guide users in sorting their waste correctly. NUU has partnered with local waste management authorities to ensure that the recyclables collected on campus are processed appropriately. This collaboration ensures that the university's efforts align with regional recycling practices and that materials are diverted from landfills effectively.

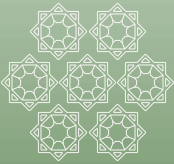
### Use Reusable Bags

Students and teachers are given as a gift to challenge this To cut down on single-use plastic bags, bring reusable shopping bags. This is to reduce plastic waste significantly and promote challenge this.

### Foster a sustainable supply chain

Furthermore, the University mandates that contracts with food and beverage suppliers adhere to stringent standards of food safety and environmental hygiene. These agreements must comply with national legislation, including the Food Quality and Safety Law, as well as the University's internal food hygiene management protocols. In cooperation, they are making a number of achievements in finding ways to process industrial waste, extending the service life of metal structures, i.e. synthesizing new organic substances that prevent biocorrosion and neutralize microorganisms in wastewater.





# Climate Friendly Initiatives at NUU



NUU has actively contributed to Climate Action by integrating climate resilience and sustainability initiatives into its educational and research efforts. The university has implemented projects to combat climate change impacts on the region, particularly through innovative research, such as efforts to transform the Aral Sea's dry seabed into fertile land.



The scientist emphasized that climate action involves a broad spectrum of strategies aimed at mitigating the adverse effects of climate change. This includes reducing greenhouse gas emissions, transitioning to renewable energy sources, and implementing sustainable practices across industries.

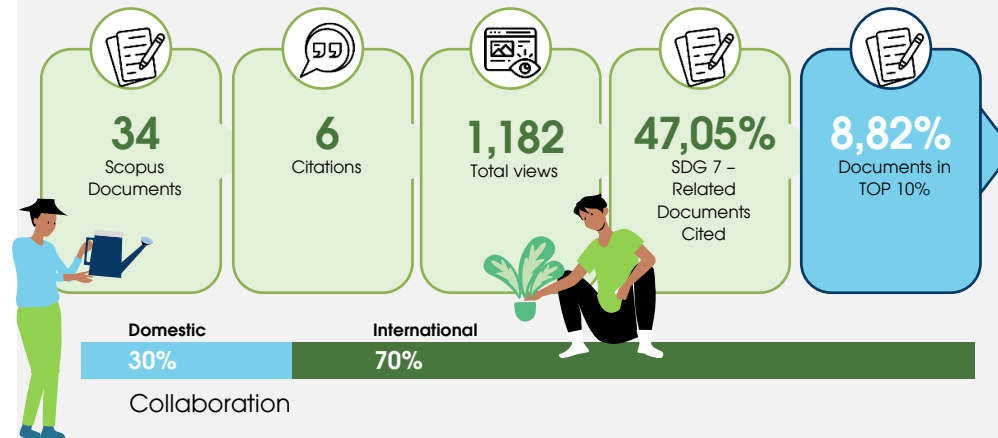
**BAHROM JABBOROV**  
Professor of National University of Uzbekistan

## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: [“Salt-Tolerant Plant Growth Promoting Rhizobacteria for Enhancing Crop Productivity of Saline Soils”](#), and [“Analysis of temperature change in Uzbekistan and the regional atmospheric circulation of Middle Asia during 1961-2016”](#), which became one of the most cited articles.

These projects were funded by NUU’s extra-budgetary funds and published in well-regarded journals.

## SDG 13 – Related Research Output



### The scientific club “Soil degradation and environmental protection”



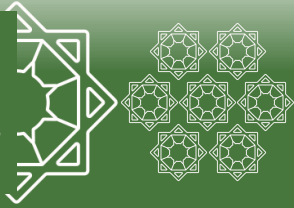
The launch of this scientific circle marks a significant milestone in the academic pursuits of the Faculty of Biology, reflecting its commitment to fostering interdisciplinary dialogue and research in critical areas of environmental science. During the opening session, attendees engaged in insightful discussions and exchanged ideas on the multifaceted challenges posed by soil degradation and the imperative need for environmental protection measures.

### Empowering Communities Through Community-Based Conservation Strategies: A Collaborative Initiative

NUU hosted a groundbreaking symposium focused on community-based conservation strategies aimed at empowering local communities to take an active role in safeguarding their natural environment.

Throughout the symposium, participants engaged in dynamic discussions, interactive workshops, and field visits to learn about successful community-based conservation projects from around the world.



13  
CLIMATE  
ACTION

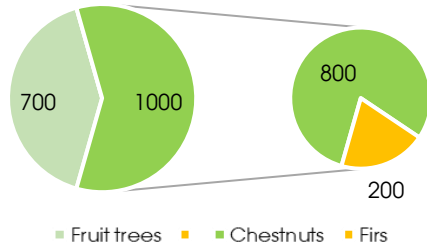
## Climate Friendly Initiatives at NUU

### Action of planting ornamental and fruit tree seedlings in NUU

On November 3, 2023, the National University of Uzbekistan held a successful tree planting event, bringing together students, faculty, and staff to plant ornamental and fruit tree seedlings across our beautiful campus. This initiative is part of our ongoing commitment to creating a sustainable and green environment.

Press the button to watch the video

**1,700** tree seedlings were planted



### "Let's protect nature from plastic and polythene"

Initiated by students passionate about environmental conservation, the clean-up campaign saw enthusiastic participation from members of the Faculty of Ecology. Together, they dedicated their time and efforts to rid the university campus of litter and various waste materials, contributing to the enhancement of the surrounding green spaces.

This massive effort not only beautifies our university but also demonstrates our commitment to maintaining a sustainable and healthy environment.

**20** HECTARES OF CAMPUS have been cleaned



"Our clean-up campaign underscores the importance of taking tangible action to combat plastic pollution and protect our precious natural resources. By working together to clean our campus and enhance its green spaces, we are not only fostering a cleaner environment but also nurturing a sense of collective responsibility towards nature," expressed **Allaberdiev Rustamjon**, one of the initiative's organizers.

## PUBLICATIONS

Professors at the National University of Uzbekistan (NUU) have made significant contributions to the field of climate science through their recent publications.



"Calculation and forecasting of the flow of the Chirchik River under the conditions of climate change"



Assessment of the impact of climate change on meteorological and hydrological drought Monograph "In the case of the Chirchik River"



These works offer valuable insights into the challenges posed by climate change on water resources, contributing to the broader understanding of environmental sustainability and resilience in the face of global climate shifts.

## CO-OPERATIVE PLANNING FOR CLIMATE CHANGE DISASTERS

Seminar on Integrating Environmental and Climate Education Across Central Asia

Tashkent, Uzbekistan – December 05, 2023 – National University of Uzbekistan named after Mirzo Ulugbek, in collaboration with the Ministry of Ecology, Environmental Protection, and Climate Change of Uzbekistan and the Central Asian University of Environment and Climate Change (Green University), hosted a pivotal seminar aimed at integrating environmental and climate knowledge into the educational curricula of primary and secondary schools, colleges, and universities across Central Asia. This event, held in partnership with the World Bank, underscores the critical importance of preparing the younger generation for a sustainable future and a transition to a "green" economy.

National University of Uzbekistan actively participates in cooperative planning for climate change disasters, collaborating closely with government agencies to address the complex challenges that arise from environmental crises. This cooperation is particularly crucial in situations that may involve the displacement of people, both within the country and across borders, as communities face the growing impacts of climate change.

### THE PURPOSE OF THIS CONFERENCE:

Sharing what we learned in RESILAND CA+ rural schools, including student ideas and initial climate solutions in rural schools;

Encouraging exchange of ideas and experience and cooperation among young people passionate about policymakers, teachers, researchers, university staff, innovative education, natural resource management and climate adaptation;

Exploring ways to expand and sustain the impact of climate, environment and entrepreneurship education and activities in rural schools in Central Asia.

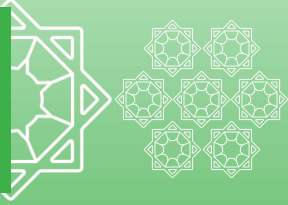


**Sanjay Srivastava** - Practice Manager, Environment, Natural Resources and Blue Economy (ENB) Global Practice, World Bank.

Press the button to watch the video

Sanjay Srivastava was thrilled to see younger people discussing the mainstreaming of the green and climate change agendas in academia and enterprise. When schoolchildren presented their projects on trash reduction, plastic use minimization, and recycling schemes, he was equally astounded. According to him, this initiative is a great concept for business and will not only assist to raise awareness, but it is also quite affordable. Additionally, he said that the World Bank is honored to support his project.





# NUU's Efforts to Preserve Terrestrial Ecosystems



The scientist emphasized the potential of this project to make a significant contribution to the sustainable development of agriculture, water and energy resources, emphasizing the commitment of the university to innovative research and practical solutions.

**XOLMATJANOV BAXTIYAR**    
Professor of National University of Uzbekistan

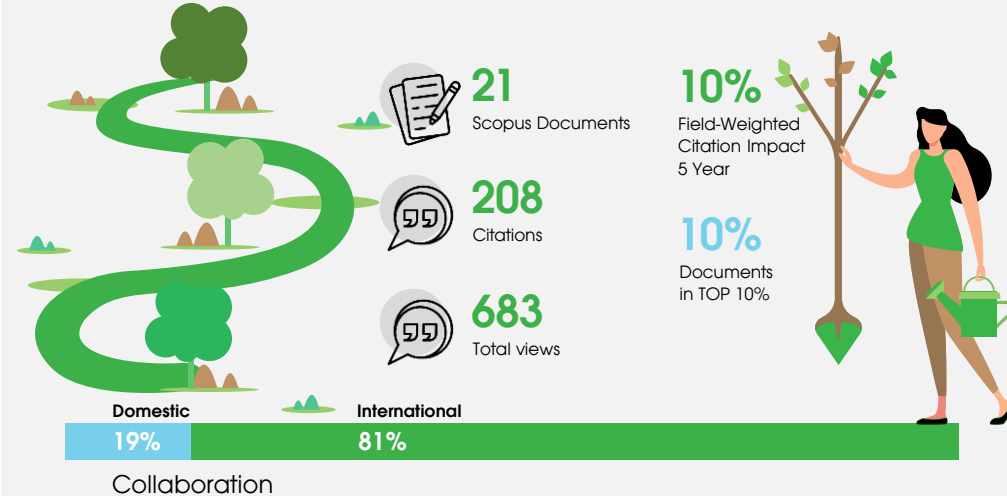
National University of Uzbekistan has made significant strides in Life on Land, focusing on sustainable land management and biodiversity preservation. Notably, research initiatives aim to transform the Aral Sea's dry seabed into fertile land, addressing issues like soil salinization and promoting agricultural sustainability. Through partnerships and student-led projects, NUU actively contributes to ecosystem conservation and the enhancement of local biodiversity.

## Research Breakthrough

Researchers at NUU have conducted studies on the following topics: "[Exploring biodiversity and ethnobotanical significance of Solanum species in Uzbekistan: unveiling the cultural wealth and ethnopharmacological uses](#)", and "[Exploring biodiversity and ethnobotanical significance of Solanum species in Uzbekistan: unveiling the cultural wealth and ethnopharmacological uses](#)", which became one of the most cited articles.

These projects were funded by NUU's extra-budgetary funds and published in well-regarded journals.

## SDG 15 – Related Research Output



## SUSTAINABLE MANAGEMENT OF LAND FOR TOURISM AND AGRICULTURE

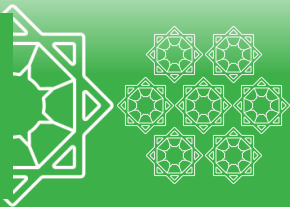
### Sustainable Land Management for Tourism

As part of domestic tourism initiatives, NUU takes students to areas such as [Namangan, Jizzak](#), [Porasht village in Jizakh](#) and [Samarkand](#). These tours coincide with events like the International Students Forum and the Student Annual Fair, where students have the opportunity to engage with local communities, understand the environmental impact of tourism, and observe sustainable practices in action.

# 1000+

### NUU's Commitment to a Greener Future

We prioritize environmental stewardship by planting trees each year on our campus and surrounding areas. This initiative is part of our commitment to sustainability, aiming to reduce our carbon footprint, improve air quality, and enhance biodiversity. By involving students, faculty, and staff in this tree-planting effort, we not only contribute to a greener Uzbekistan but also foster a culture of environmental responsibility.

15  
LIFE  
ON LAND

## NUU's Efforts to Preserve Terrestrial Ecosystems

### SUSTAINABLE LAND USE EVENTS

As part of its commitment to environmental sustainability and responsible land management, the **National University of Uzbekistan** supports and organizes a variety of events aimed at promoting the conservation and sustainable utilization of land, including forests and wildlands. These events are designed to raise awareness, engage stakeholders, and foster actionable initiatives for the sustainable management of natural resources.

#### Sustainable Management of Pastures and Forests in Uzbekistan



NUU in collaboration with the Food and Agriculture Organization of the United Nations (FAO) and the Global Environment Facility (GEF), on 22 April (World Earth Day) hosted a significant international conference aimed at promoting sustainable management of pastures and forests in Uzbekistan. The event, which brought together scientists, policymakers, environmental experts, and representatives from international organizations, was held within the framework of a broader project focused on conserving and restoring Uzbekistan's fragile ecosystems.

#### Student-Led Sustainability Awareness Campaign

Purpose: To educate students, farmers, and local communities on sustainable farming practices and their impact on land conservation.

### 4 Active eco clubs

- [Eco-action](#)
- [Youth climate action](#)
- [Eco activists](#)
- [Golden wing](#)

### EDUCATIONAL OUTREACH

#### Undergraduate Courses in Sustainable Agriculture

NUU offers undergraduate courses within its biology, ecology, and geography programs that focus on sustainable agricultural practices, soil health, and environmental protection. Students learn about sustainable **crop management, agroecology, and water-efficient irrigation methods**, with a focus on conserving resources and maximizing land productivity without depleting soil and water reserves.



"We are honored to host this significant conference in collaboration with esteemed partners. International Earth Day serves as a poignant reminder of our collective responsibility to protect and preserve the environment. Through collaborative efforts and knowledge exchange, we can work towards a sustainable and resilient future."

**Lazixxon Gafurova**  
professor of NUU

### 3 TRAINING PROGRAMS FOR FARMERS AND DEMONSTRATION SITES

#### NUU operates Training Base

A key part of this initiative is the university's network of training bases located across different regions, which serve as vital platforms for practical demonstrations and technology transfer. The training bases play a critical role, not only for student practical training, but also for local farmers, who are invited to participate in technology showcases, hands-on demonstrations, and expert exchanges.

#### Master's Program in Sustainable Land Use

The Master's in Sustainable Land Management combines principles of **ecology, geology, and agricultural science**, with an emphasis on developing sustainable agricultural systems. Students learn methods for soil improvement, desertification control, and sustainable farming practices, particularly in areas **affected by salinization and desertification, such as the Aral Sea region**.

## MAINTAIN AND EXTEND CURRENT ECOSYSTEMS' BIODIVERSITY AND COLLABORATION

#### Monitoring and Protecting Wildlife

The university's biology department regularly monitors the health of ecosystem, focusing on species diversity. Special attention is given to endangered and threatened species, with conservation strategies designed to protect their habitats and support their survival. University organizes special expeditions to different regions to monitor and give expertise to local scientist, farmers, and Eco activists.

#### Promoting Biodiversity Conservation and Social Inclusion

The training - research sites, established in various parts of the former sea's floor, have become living laboratories where students and faculty test innovative methods to bring life back to barren land. These experimental plots are not just focused on environmental restoration; they also aim to improve food security in the region by cultivating drought-resistant and nutritious crops.

#### Collaborative Research and Knowledge Exchange Joint Research with International Universities

NUU partners with institutions worldwide to conduct research on shared land ecosystems. For instance, collaborative projects with universities in **China, Germany, and Poland** focus on sustainable land use, climate adaptation, and ecosystem restoration. With Poland's expertise in soil science and sustainable agriculture, the project benefits from advanced methodologies.

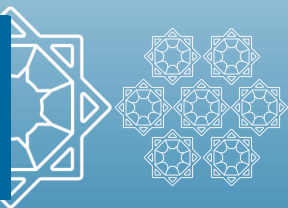
#### Collaborative Research with Kazakhstan

Given the similar ecological challenges faced by Uzbekistan and Kazakhstan, NUU has developed collaborative research initiatives with Kazakh institutions

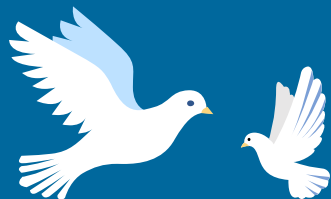
#### Training and Demonstration: Empowering the Local Farmers

Faculty of Biology at NUU is conducting pioneering research in the Aral Sea region, focusing on reducing soil salinity and making previously unusable land fertile again. The research centers around developing modern, environmentally friendly technologies that enable farmers to restore degraded soils and grow crops despite the challenges posed by climate change.





# Championing World Peace and Justice for a Better Future



NUU has made significant strides in advancing Peace, Justice, and Strong Institutions by fostering a campus culture of transparency, justice, and inclusivity. Through initiatives like cross-departmental collaborations, and educational workshops, the university promotes awareness and engagement on issues related to peace and justice. These efforts aim to strengthen institutional integrity and equip students to be active contributors to sustainable and peaceful societies.



Elections are a product of several centuries of historical development of the individual society, and are a political institution that has emerged with the aim of forming improved models of the state and society.

**USMON BOTAYEV**   
Professor of National University of Uzbekistan

## Research Breakthrough

The number of articles in Scopus Journals is considered relatively small, since the field of jurisprudence in NUU is one of the fields that has not been revived for a long time. However, professors and teachers in this direction have been participating in many international and local [conferences](#) and publishing articles in scientific journals.

Many studies are conducted on the issues of rule of law and justice in society. Foreign experts were also involved in order to develop this direction. Also, the university has a scientific journal approved by the Republican Higher Attestation Commission, in which scientific articles on research in the field of law are also accepted.

## Fight against crime and corruption and their prevention the works being done in NUU regarding the acquisition

[Measures](#) to combat organized crime and prevent corruption are implemented at the university. Information on avoiding [conflicts](#) of interest, preventing crime, ensuring [legal protection](#) and anti-corruption is provided to the team.

## Main practices in this regard are as follows

### > SCIENTIFIC RESEARCH

There is a [legal journal](#), in which the results of scientific research are published in cooperation with state law promotion bodies.

### > FINANCIAL STATEMENTS

Financial [statements](#) of the university are published on the official website. Costs will be discussed in council.

### > COLLABORATION WITH SUPREME SOVIET

Meetings with deputies of the Oliy Majlis are organized in order to [familiarize with the](#) process of adoption of laws.

### > WORKSHOP

Fostering Social [Justice](#) and Environmental Sustainability: A Workshop at the National University of Uzbekistan.

### > ANTI-CORRUPTION MONTH

National University of Uzbekistan had an Open Door Day as part of "[Anti-Corruption Month](#)".

### > PREVENTIVE COURSE AGAINST CRIMINALITY

A preventative course against [crime](#) was conducted with students in the NuUz's student dormitory No. 5 with the assistance of prevention inspector.

## MEASURES OF POWER AND ADMINISTRATIVE GOVERNANCE

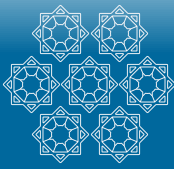
> According to clauses [53-55](#) of the University Regulations and internal procedures, the chairman of the [student council](#) is elected by the students of each faculty.

> There is a [university council](#), which makes administrative decisions. Representatives of all faculties participate in the council.

> According to the [Law](#) on Trade Unions of the Republic of Uzbekistan, the chairman of the trade union is elected.

> The university has a student council. They hold a number of rights and duties [events](#).

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



## Championing World Peace and Justice for a Better Future

### LAW ADVOCACY AND COOPERATION WITH LOCAL ORGANIZATIONS

Based on the [Charter](#) of NUU, activities are carried out with local partner organizations. These organizations have established cooperation with the university in the following directions:

- 1 Organization of inclusive [educational conditions](#) protected by law;
- 2 [Creating jobs](#) with special opportunities for students;
- 3 Development of [programs supporting](#) talented young people;
- 4 Holding free legal education [seminars](#) for university professors, employees and students.

#### Cooperation with “Uzbekinvest” insurance company

NUU has established a valuable partnership with “Uzbekinvest” Insurance Company, aimed at promoting educational excellence and professional development in the field of insurance and risk management. This cooperation serves as a bridge between academia and industry, providing students with opportunities to gain practical knowledge and real-world experience.

#### Improving financial literacy among students

The open class provided detailed information on digital financial services, financial security, financial literacy, remote banking services, including types of online credit, savings and plastic cards. Students were also given a tour of the bank’s practice Department, informing them of the activities of the banking institution, as well as practical skills in banking products and services.

[Seminars](#) open to all will be held in cooperation with the university and law enforcement agencies. Detailed information on the legal system of the university was provided, and instructions were offered to prevent problematic situations. ↻

In addition to the legal protection [center](#) established by the university management, legal assistance is organized by the [youth council](#). Leaders will be selected from among the youth, and assistance and counseling days will be organized for [refugees](#) taken care of by the university, as well as women, students in difficult circumstances, retired professors and teachers, and schoolchildren.

#### Representation of students in the governing boards of the university

One of the primary avenues for student representation is through the Student Council, which serves as a platform for students to express their views, concerns, and suggestions on matters related to academic policies, campus life, and student welfare. The Student Council comprises elected representatives from different faculties and departments, who are tasked with advocating for the interests of their fellow students and providing feedback to the university administration.

Through active involvement in university governance, student representatives develop leadership skills, critical thinking abilities, and a deeper understanding of institutional dynamics. We recognize the valuable contributions that student leaders make to our university community and are committed to providing them with the support and resources they need to succeed in their roles.

### “National University – A Place of Great Opportunities” Student Festival

During the spring months of 2023, NUU hosted the vibrant and dynamic student festival which was aimed at promoting the talents, creativity, and intellectual potential of students, while fostering a sense of unity and belonging within the university community. The series of events included academic competitions, cultural showcases, sports tournaments, and social activities, providing a holistic platform for students to express their skills and talents.

#### Academic Competitions and Workshops

The festival kicked off with various academic competitions and workshops, including debates, quizzes, and research presentations. These activities encouraged students to demonstrate their knowledge, critical thinking, and public speaking skills.

#### Cultural Showcases and Performances

The cultural events were a highlight of the festival, celebrating the rich heritage and artistic talents of NUU students. Students performed traditional Uzbek dances and songs, as well as modern music and choreography, reflecting the cultural diversity.

#### Sports Tournaments and Competitions

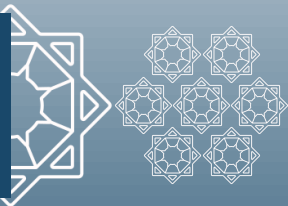
Physical well-being and teamwork were promoted through a series of sports tournaments, which saw enthusiastic participation from students of various faculties. Teams competed in friendly matches, promoting sportsmanship and camaraderie.

#### Social and Volunteer Activities

The festival also emphasized the importance of social responsibility and community service. Social activities and volunteer initiatives were organized to engage students in meaningful projects.

Student festival served as a testament to NUU’s commitment to nurturing talent, promoting holistic development, and providing a supportive environment for students. The event successfully brought together the university community, inspiring students to strive for personal and academic growth while contributing positively to society. Through this festival, NUU continues to strengthen its reputation as a hub of opportunities for young minds, aligning with its mission to develop future leaders and change-makers who are equipped to make significant contributions at both national and international levels.





# NUU's International Partnerships for the Goals



NUU has established numerous international partnerships to enhance its global academic presence and contribute to key educational and sustainability goals. These collaborations focus on fostering student mobility, joint research initiatives, and cross-cultural exchange, promoting NUU's commitment to academic excellence. Aligned with the UN's SDGs, such partnerships are crucial in advancing quality education, reducing inequalities, and promoting global collaboration for sustainability and peace.



“

Active cooperation between NUU and NGOs has been serving to increase the effectiveness of work in the direction of the UN's SDGs. It is noteworthy that foreign experts participated in SDG activities and learned the experience of work carried out in foreign HEIs in this direction.

**GULASAL ROFIYEVA**   
 Head of the Department of Strategic Development and International Ranking of NUU

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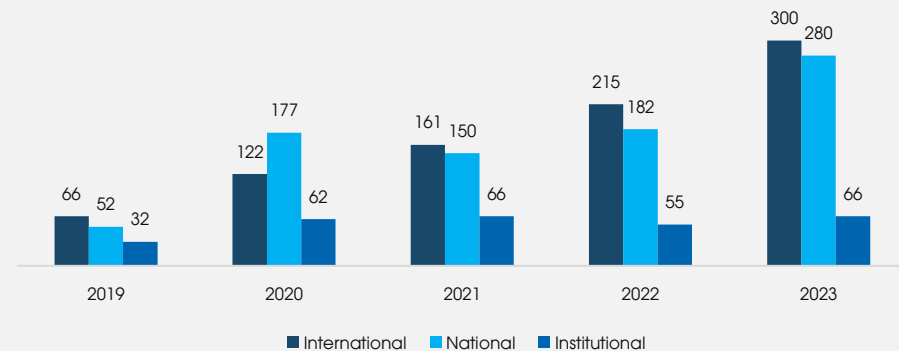
## Research Breakthrough in SDG's

NUU aligns its research output closely with the UN's SDGs. Leveraging its international partnerships and strategic focus on key global challenges, NUU has made significant contributions in areas such as sustainable energy, climate action, and social equity. According to the SciVal platform, NUU's research output has increased considerably, with a notable focus on Zero hunger, Life on land, Clean Water and Sanitation, Affordable and Clean Energy, Climate Action, and Reduced Inequalities. The university's publications in these areas have shown a remarkable rise, enhancing its impact in the global academic community.

## Geographical Collaboration

Countries	Publications
Uzbekistan	864
China	236
Russia	169
India	105
Germany	83
Turkey	73
Kazakhstan	56
USA	55
Pakistan	54
South Korea	53
Japan	47

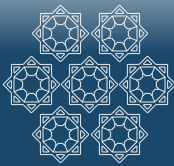
## Research Output and Growth | International Research Collaboration



In 2023, 55 international delegations visited the National University of Uzbekistan, reflecting its growing global academic engagement. This surge in visits signifies NUU's expanding global footprint in academic collaboration, focusing on areas like research, sustainability, and innovation.

The delegations included academic leaders, researchers, and government officials, aiming to explore partnerships, student exchange programs, and joint research initiatives.

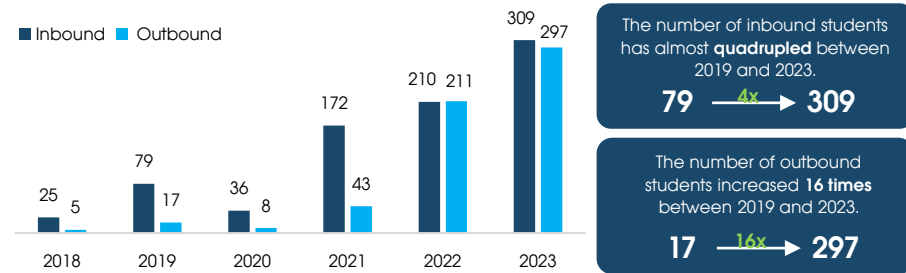
## 17 PARTNERSHIPS FOR THE GOALS



## NUU's International Partnerships for the Goals

### STUDENT MOBILITY

Student mobility is one of the important factors for achieving high performance in the higher education system. It serves to improve the quality of higher education by making it possible to compare educational institutions with each other, mastering and introducing their important aspects. Mobility creates a basis for improving the structures of HEIs, state educational standards, and curricula.



**Abduvosid Abdurakhmonov** Specialist of the Department of International Students Affairs of NUU emphasized that NUU is carrying out many activities within the framework of academic mobility. Among them, cooperation has been established with the universities of the neighboring countries of Kyrgyzstan, Tajikistan, Kazakhstan, as well as with European universities of Belgium, France, and Germany.

**Maëlle Chabart** student from Mons University shares her experiences studying in Uzbekistan.

### INTERNATIONAL FORUMS AND CONFERENCES

- 1 Uzbek-Korean forum of rectors of HEIs
- 2 Second Forum of Rectors of HEIs of Central Asian Countries
- 3 Malaysia and Uzbekistan: prospects of international cooperation in the field of HE
- 4 Uzbekistan-China educational forum
- 5 Interregional educational forum of HEIs of Belarus and Uzbekistan
- 6 The second forum of rectors of Uzbekistan-Tajikistan HEIs

NUU's annual conferences and forums have a far-reaching impact on both the academic community and society at large. These events encourage knowledge-sharing, the development of practical solutions, and the fostering of international collaboration. They contribute to societal growth by addressing pressing global and regional issues, from economic challenges and environmental sustainability to human rights and technological advancements. Moreover, NUU's commitment to organizing these conferences reflects its dedication to fulfilling its role as a leading educational institution in Uzbekistan.

### TEDxNUUz conference was organized on the initiative of the students of NUU

About 100 young people interested in the development of our country, environmental cleanliness, and sustainable development participated in this event.



Every person, in every country on every continent, is affected by climate change in some way. A climate cataclysm is looming, and we are unprepared for what it might mean. Climate change is caused by human activities and threatens life on earth as we know it. As greenhouse gas emissions increase, climate change is happening faster than expected. Its impacts can be catastrophic and include extreme and changing weather patterns and rising sea levels. If left unchecked, climate change will undo much of the progress made in recent years. It also triggers mass migrations that lead to instability and wars.

**Adilkhan Kenpeliev** – Student of WIUT

### 105-Year Journey of NUU

On May 12, 2023, in celebration of its 105th anniversary, an international scientific and practical conference was held on the topic "The Role of the National University of Uzbekistan in the Development of Science and Society". The event was attended by the Minister of HESI, Ibrahim Abdurakhmanov, rectors of higher education institutions, professors, and foreign guests. A documentary film about the university was shown, and in his opening speech, Minister Abdurakhmanov acknowledged the institution's significant contributions to the development of science in Uzbekistan and warmly congratulated the university community and guests. Notably, in conjunction with the 105th anniversary celebrations, university departments organized around ten scientific and practical conferences at both national and international levels.

- "Prospects for the Development of Physical Education and Sports: Problems and Solutions";
- "Issues and Development Stages of Immunophysiology in New Uzbekistan";
- "Integrated Management and Melioration of Degraded Soils for Ensuring Food Safety: New Approaches and Innovative Solutions";
- "Migration in Uzbekistan and Korea: Current Situation and Challenges"

### International summer school under the motto "Cultural and linguistic values of the Great Silk Road"

From July 12-20, 2023, NUU hosted first international summer school which brought together 16 English-speaking students from prestigious universities across Europe and Asia. Participants engaged in cultural and linguistic activities, exploring Uzbekistan's heritage through lectures, interactive games, and excursions to historical sites such as Samarkand's Registan and Amir Temur's mausoleum. The program concluded with a certificate-awarding ceremony.



## EXECUTIVE COMMITTEE



**Raima Shirinova**

Vice-rector for international relations



**Gulasal Rofiyeva**

Head of the Department of Strategic Development and International Rankings



The SDG Report of the National University of Uzbekistan was brought to life by a collaborative team, each member contributing their expertise to specific Sustainable Development Goals. Each team member's ability to gather insights from NUU professors through interviews enriched the report with firsthand academic perspectives, making it a thorough and impactful contribution to the university's SDG efforts.



**Alijon ORIPOV – responsible for SDG 7, 13, and 17**

He managed the entire process of preparing evidence and reports, ensuring that everything was accurate and complete. As the editor and content creator, he reviewed and refined the content to ensure clarity and coherence, while also leading the comparative analysis section, drawing insightful comparisons between NUU's contributions and global best practices in achieving the SDGs. In his role as the designer, he crafted a visually appealing and easy-to-navigate layout for the report.



**Zarina RAKHMONOVA – responsible for SDG 2, 6, and 15**

Her work benefited greatly from her research and analytical skills, enabling her to provide deep insights into environmental and resource management challenges. Zarina's attention to detail was key in addressing these critical global issues. In addition to her primary responsibilities, Zarina also played a crucial role in guiding and mentoring younger team members, offering her support and expertise to help them succeed.



**Nargiza JURAKULOVA – responsible for SDG 3, 8, 11, and 16**

She applied her strategic thinking and policy analysis skills to examine health, economic, and social justice issues, ensuring that her contributions were comprehensive and impactful.



**Aziza ATOBOYEVA – responsible for SDG 1, 4, 5, 10, and 12**

Her communication and advocacy skills were crucial in highlighting the importance of education, equality, and poverty reduction, ensuring these themes were powerfully addressed in the report.



## ABOUT THIS REPORT

The 2023 SDG Report of the National University of Uzbekistan highlights the university's continuous efforts in contributing to the achievement of the United Nations Sustainable Development Goals. These activities, deeply integrated into the university's core functions, encompass student engagement, international cooperation, research, and education.

Throughout 2023, NUU organized numerous initiatives aimed at addressing key global challenges, particularly in the areas of poverty, inequality, hunger, and health. The university took active steps to involve students and faculty in SDG-related projects, including partnerships with foreign universities and participation in international forums and conferences.

This year also saw NUU enhance its research activities, with a focus on tackling environmental challenges such as Responsible Consumption and Production (SDG 12). The university initiated several sustainability campaigns aimed at raising awareness about environmental protection and reducing waste on campus.

NUU has actively expanded its regional and international collaborations in 2023, engaging in partnerships with universities and research institutions across Central Asia, Europe, and Asia to promote SDG policies and best practices. This includes working closely with the and other international bodies to share knowledge, develop research-based solutions, and foster best practices in sustainable development. These partnerships have been crucial in driving forward the university's SDG agenda, contributing to both regional progress and global impact.

This year's report reflects NUU's unwavering commitment to the SDGs, showcasing its role as a key player in advancing sustainable development through education, research, and international cooperation. The university continues to build on its efforts to address global social, economic, and environmental challenges, ensuring that the principles of the SDGs remain central to its mission and strategy.



## NOTES

### List of Resources Used for the SDG Report

#### Main Sources of Information:

- [www.sdgnuuz.uz](http://www.sdgnuuz.uz)
- [www.nuu.uz](http://www.nuu.uz)
- [www.xabar.uz](http://www.xabar.uz)
- [www.uzq.uz](http://www.uzq.uz)

#### Design Resources:

- [www.slidesgo.com](http://www.slidesgo.com)
- [www.freepic.com](http://www.freepic.com)
- [www.flaticon.com](http://www.flaticon.com)

#### Analysis of Publications:

- [www.scival.com](http://www.scival.com)

These resources provided the necessary information, analysis, and design elements to create a comprehensive and visually appealing report.

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