



Altai State
University



Impacting the Global Goals by
DEGREES – 2022





KEY FACTS ABOUT ALTAI STATE UNIVERSITY



Altai State
University



- **400+** summer school participants, including international
- **50+** winners and prize-winners of All-Russian student olympiads
- **2500+** open access video lectures
- **40+** scientific journals
- **TOP-10** free online electronic university libraries in Russia (Webometrics)

- **9** buildings
- **5** dormitories
- **80+** hectares area occupied by buildings and dormitories
- **30%+** trees in the area owned by the university
- **15000+** students and trainees
- **2500+** international students
- **2000+** are trained remotely
- **2200+** students live in dormitories
- **650+** faculty staff provide training of all levels and areas



THE GLOBAL GOALS AT ALTAI STATE UNIVERSITY

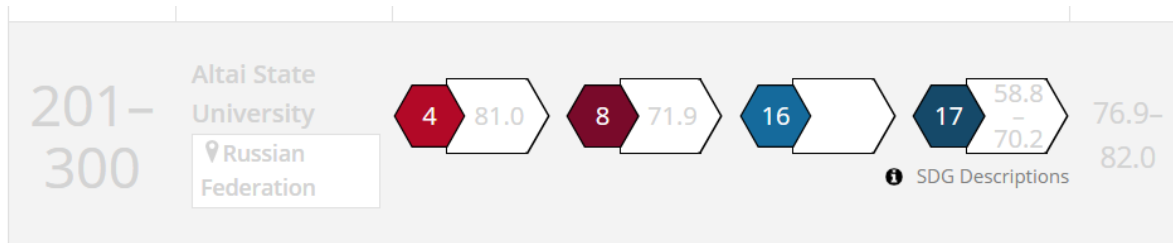
MISSION OF ALTAI STATE UNIVERSITY IN THE FIELD OF SUSTAINABLE DEVELOPMENT

Located in the heart of Siberia, Altai State University is one of the leading universities committed to international excellence, world-changing research, and high-quality, inspiring teaching. We support national, gender, racial equality among our employees and students, respect their religion; strive to expand participation in higher education by entering into consortia and scientific networks with leading universities in the world; engage with local, national, and international communities on development and equity issues. This is all part of what we do and who we are. We are committed to contributing to the achievement of the UN Sustainable Development Goals by incorporating them into our social responsibility strategy. We contribute to the achievement of the UN Sustainable Development Goals, annually, gradually, step by step, by implementing training programs, conducting events, and participating in research aimed at ensuring the sustainable development of the world, country, territory, and organization.

THE UNIVERSITY IMPACT RANKINGS

In 2021, Altai State University has become the second among Russian universities and took 201-300th place in the global THE University Impact Rankings, for four SDGs (SDG 4 and SDG 8) the university entered the TOP-100 universities in the world. The methodology of THE University Impact Rankings is based on the analysis of three areas of university activities: research - creating knowledge to solve the most pressing global problems; socially oriented programs - the direct activity of the university in society; management - resource management, the contribution of the university to education in a broad sense. Elsevier data, quantitative and qualitative indicators of universities are used.

When forming the final score of Altai State University in the ranking in 2022, the achievements in the areas of SDG 4, SDG 8, SDG 16 have been taken into account.



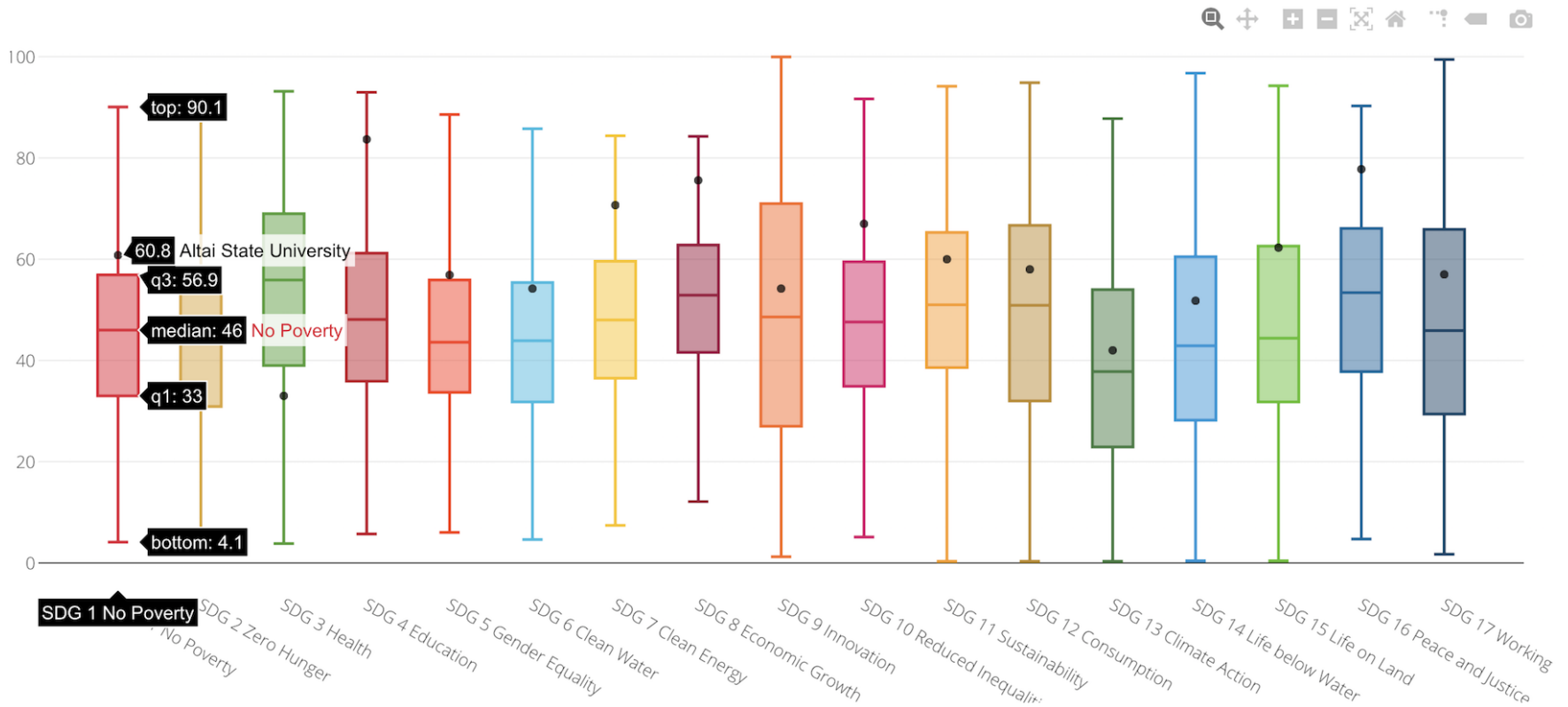


SUSTAINABLE DEVELOPMENT GOALS BREAKDOWNS AT ALTAI STATE UNIVERSITY



Altai State
University

SDG SCORES





ASU PUBLICATIONS ON SUSTAINABLE DEVELOPMENT

	1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION	7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION	13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE AND JUSTICE STRONG INSTITUTIONS
Publications in Scopus 2016-2020	0	70	74	7	1	5	35	118	19	7	17	25	42	3	59	26
"Cited by" in Scopus	0	375	343	11	2	15	246	860	47	7	6	147	386	5	544	73



END POVERTY IN ALL ITS FORMS EVERYWHERE

TEACHING

25 modules in EPs

1000+ students who could choose modules

ENGAGEMENT EXAMPLE

ASU implements additional education programs “Basics of financial literacy and financial education of the rural population.” In 2022, 82 teachers from schools in the Smolensk district of Altai Krai underwent advanced training under this program.

INSTITUTION EXAMPLE

ASU creates working conditions for students from low-income families. Their training programs have a flexible schedule. This schedule allows low-income students working without missing classes and fulfilling the requirements of teachers.



IMPACT EXAMPLE

Prof. Svetlana Maksimova is actively involved in the implementation of the program to combat poverty in Altai Krai. The register of the poor of Altai Krai includes 98,346 citizens who, together with their family members, have an income below the subsistence level. They have the official status of a low-income family. At the same time, more than 410 thousand people in the region are below the poverty level. Prof. S.Maksimova participates in a team that develops and implements measures to help residents of Altai Krai overcome difficult life situations and increase their income.

Master's student at the Institute of History and International Relations of Altai State University Mikhail Belov, together with the volunteer association “Good Deeds,” helps homeless and **low-income** people by organizing free Sunday lunches for them.

This project has already been operating for more than 10 years; Mikhail joined it a year ago, when he joined the Barnaul Yoga Society. Their volunteer association “Good Deeds” works in several areas: supporting children in rehabilitation centers, the elderly, and people with addictions. The campaign to provide lunches to those in need is one of these areas.



END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

IMPACT EXAMPLE

Senior researcher at the South Siberian Botanical Garden of Altai State University Mikhail Skaptsov participated in the implementation of an international project to impart sterility to transgenic agricultural plants. The main goal of the research is to develop a system for disabling the gene that is responsible for plant fertility, that is, to achieve the creation of sterile plants so that they do not hybridize with wild relatives. The results of the work were published in Scientific Reports.



TEACHING

100+ modules in EPs

2000+ students who could choose modules



RESEARCH

70 publications in Scopus 2016-2020

375 "cited by" in Scopus



ENGAGEMENT EXAMPLE

ASU began testing its own biological products. The objectives of the tests were to determine in laboratory conditions the effect of the use of microbiological preparations affecting seed quality, laboratory germination, germination energy, growth vigor and viability; study in field conditions, on selected crops (in different growth phases), of the stimulating effect of microbiological preparations, as well as calculation of the comparative effectiveness of a bioproduct with chemical analogues.

INSTITUTION EXAMPLE

Since 2017, AltSU had been implementing a strategic project "Creation and launch of competitive domestic biological products and technologies for the agro-industrial complex on the basis of an innovative model of a complete scientific and technological cycle" (AgroBio project). Its implementation focuses on the application of science to issues related to production and food safety. In 2020, all areas of research within the project related to the organization and management of modern agricultural land use using means and methods of biologization, digitalization, monitoring, evaluation and process modeling were united under the single brand "Green Technologies" of Altai State University.

ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

TEACHING

70+ modules in EPs
750+ students who could choose modules

ENGAGEMENT EXAMPLE

Postgraduate student of the Institute of Biology and Biotechnology of Altai State University **Anastasia Koltunova** came up with a test system that allows to determine the number of bacteria in food and water. With this project, she won the "Student Startup" competition of the federal project "University Technological Entrepreneurship Platform" in 2022.

IMPACT EXAMPLE

ASU scientists took part in the development of a functional product for people with kidney disease. As part of the Priority 2030 Program, the Research Institute of Biological Medicine of Altai State University is implementing the project "Development of a functional food product with plant extracts for personalized medicine in order to prevent and treat nephrotic syndrome and chronic kidney disease." The result of the work of scientists from two universities was the creation of a functional food product - kissel, which can be used for the prevention and treatment of nephrotic syndrome and chronic kidney disease.



RESEARCH



74 publications in Scopus 2016-2020

343 "cited by" in Scopus

ALTAI STATE UNIVERSITY

INSTITUTION EXAMPLE

Import substitution: Scientists from ASU develop enzymes for cheese making and feed production.

A team of scientists from Altai State University, together with colleagues from Novosibirsk and Ufa, is solving the problem of import substitution in the field of recombinant enzymes that are in demand in the food industry, agro-industrial complex, chemical and pharmaceutical industries. Russia buys about 90% of enzymes from abroad, in the countries of the European Union and Asia. Obtaining domestic enzymes is one of the priority tasks.

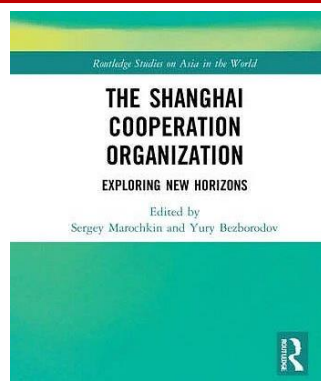
The team of scientists focused its main efforts on the **production of milk-clotting enzymes**, the availability and accessibility of which determines **the development of the domestic cheese industry**. In the near future, cheese makers may face a shortage of enzymes due to the sanctions applied against Russia. Now the project team is negotiating with one of **the largest food companies of the "EFKO" Group**, it acts as a customer of producers of recombinant camel chymosin and recombinant deer chymosin.

INSTITUTION EXAMPLE

ASU together with Yandex invited high school students to upgrade their IT competencies for free.

Altai State University became a regional platform for the federal project "Code of the Future". The enrollment of schoolchildren in grades 8-11 for free programming classes lasted until the end of September.

"Code of the Future" was organized by the Ministry of Digital Development of Russia within the framework of the federal project "Development of the human resources potential of the IT industry" of the national program "Digital Economy of Russia".



ENGAGEMENT EXAMPLE

Representatives of 15 countries took part in the V International Educational Forum "Altai - Asia 2020: Eurasian Educational Space - New Challenges and Best Practices", which was held at Altai State University. It is one of the largest events in the Russian Federation, Central Asian countries and China in the field of the development of the global market of education, science and innovation, and cross-border international cooperation.

IMPACT EXAMPLE

The experience of cooperation of ASU within the USCO was noted in the international monograph "Shanghai Cooperation Organization: Exploring New Horizons". Among the successful examples of interaction at the level of double-degree master's programs, the network program in the field of IT technology of ASU and KSUSTA was noted. Within the framework of this program, bilateral academic mobility of students from Russian and Kyrgyz universities had been successfully implemented. Thus, in 2019 double master's degrees from partner universities were awarded to graduates of the Institute of Digital Technologies, Electronics and Physics Victoria Zhuravleva, Evgeny Yevtushenko and Alexey Shutkin.

TEACHING



150+ modules in EPs

5500+ students who could choose modules

RESEARCH

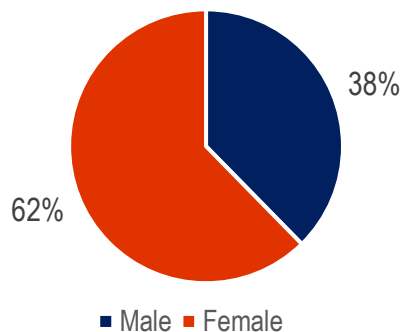


7 publications in Scopus 2016-2020

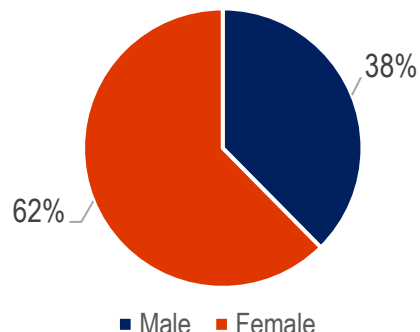
11 "cited by" in Scopus

ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS

Gender ratio among faculty in 2022



Gender ratio among 1st year students in 2022



IMPACT EXAMPLE

On February 11, Women and Girls in Science Day is celebrated around the world. This holiday was adopted by the United Nations General Assembly to promote the full and equal access and participation of women in the fields of science, technology, engineering and mathematics. We told about young researchers who study at the center of the Altai State University "House of Scientific Collaboration named after Viktor Vereshchagin". They talked about their developments and thanked their mentors.

INSTITUTION EXAMPLE

The federal project "Personnel for the Digital Economy" is aimed at providing the labor market with IT specialists. At the same time, much attention is paid to education in the project. As part of the "Personnel for the Digital Economy" project, the "Digital Professions" project was implemented, which gave the opportunity to any citizen of the Russian Federation with a higher or secondary vocational education to master additional professional education programs in areas in demand in the digital economy (big data, artificial intelligence, virtual reality, quantum technologies, and others) with a 50% discount.

ENGAGEMENT EXAMPLE

Women leaders are part of ASU's top management. Vice-rectors for educational activities, extracurricular activities and additional education are women. Women are directors of the Institute of Humanities, the Institute of Geography, the Institute of Chemistry and Chemical-Pharmaceutical Technologies.





ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL



Altai State
University

TEACHING



25+ modules in EPs

1000+ students who could
choose modules

RESEARCH



5 publications in Scopus
2016-2020

15 "cited by" in
Scopus



IMPACT EXAMPLE

Geography students from Altai State University explored one of the most underexplored glaciers in the Altai Republic.

In July of this year, a group of geography students, graduate students and scientists went on a long-distance educational field work to the highest point of the South Chuya Range – Mount Irbistu. The object of their study was the glacier, whose unofficial name is Left Irbistu.

On a global scale, studying glaciers is an important task. They melt and provide fresh water, which is important in our daily lives, in agriculture and industry.



ENGAGEMENT EXAMPLE

The Laboratory of Space monitoring and Computational Technologies of Altai State University helps to predict the flood situation in Altai Krai in the region of the Upper Ob basin. The data for the forecast is formed on the basis of information on the structure of snow cover in the territories of Altai Krai and the Altai Republic.

INSTITUTION EXAMPLE

ASU continuously monitors the moisture content of lands in the Mikhailovsky district of Altai Krai used in agriculture. For this purpose, a network of automatic soil-hydrological stations is used. The evaporation of moisture is recorded online by the only lysimetric installation in Russia. Controlling soil moisture is an important factor in soil irrigation decisions and improves water use efficiency in agricultural management.





ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL



Altai State
University

TEACHING

13+ modules in EPs

250+ students who could choose modules

RESEARCH

35 publications in Scopus 2015-2019

246 "cited by" in Scopus



INSTITUTION EXAMPLE

Alex Kalachev, an associate professor of the Department of Computing and Electronics, Institute of Digital Technologies, Electronics and Physics created the automated system of laser phyto-lighting and microclimate monitoring of greenhouses.

The application of this system will reduce energy costs for greenhouse lighting by 50-80% and guarantee the high crops, proper taste, color and aroma of greenhouse cultures.

ENGAGEMENT EXAMPLE

Altai State University graduates Oleg Dontsov and Nikolay Moshkov founded a company as residents of the Altai business incubator. In just 5 years of operation, "Energy Saving Technologies" not only successfully made itself known in Barnaul and the region, but also found partners abroad. The company develops and produces a line of energy saving industrial lighting fixtures, actively participating in the regional program that provides for the replacement of incandescent lamps with modern LED.



PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL

IMPACT EXAMPLE

Scientists from ASU presented the concept of development of the tourist and archaeological complex The Denisova Cave to the Governor of Altai Krai Viktor Tomenko. Within the framework of the Priority 2030 Program, Altai State University created an engineering center “Resort and Recreational Design”, which promotes innovative projects and developments of employees and students of the Institute of Geography and provides interaction with the real sector of the economy of the sanatorium and resort and tourism industries. One of the directions of the center is the design of the Denisova Cave territorial recreational complex.



INSTITUTION EXAMPLE

ASU annually holds the Business Idea Factory competition. The competition is held as part of the regional project “Promotion of Entrepreneurship” and is aimed at creating conditions for the formation of entrepreneurial thinking among young people, developing business activity and supporting competitive business ideas. In 2022, about 300 people took part in the competition, who presented more than 130 projects to the jury. A significant proportion of projects are technology entrepreneurship projects. Participation in the project is an opportunity for young people to try themselves as budding entrepreneurs.



RESEARCH

118 publications in Scopus 2016-2020

860 “cited by” in Scopus

TEACHING



100+ modules in EPs

3000+ students who could choose modules

КАРЬЕРА ++
ОДИН ВУЗ,
ДВА ДИПЛОМА!

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- Большой выбор программ профессиональной переподготовки
- Студентам АлтГУ - льготный тариф
- Срок обучения от 6 месяцев
- Гибкий график обучения, в том числе с использованием дистанционных технологий
- Для поступления не нужно сдавать экзамены
- Высококвалифицированные преподаватели

ENGAGEMENT EXAMPLE

ASU implemented a large-scale educational project “Career++”. Students were given the opportunity, in parallel with mastering the main professional educational program, to obtain additional qualifications or the right to conduct a new type of professional activity.

TEACHING



35+ modules in EPs

700+ students who could
choose modules



RESEARCH

19 publications in Scopus 2016-2020

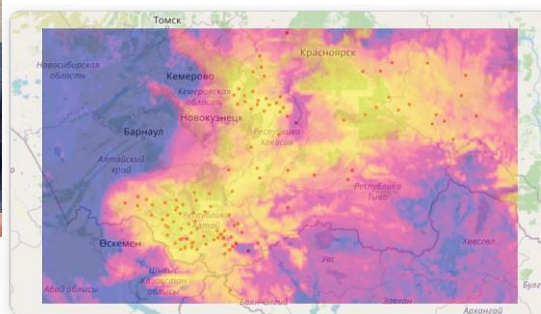
47 "cited by" in Scopus

INSTITUTION EXAMPLE

Scientists from Altai State University, together with Yandex Cloud, developed a plant monitoring system that, using a neural network, will help predict the spread of pests and prevent crop losses among farmers. It is reported by TASS with reference to the press service of Yandex Cloud.

IMPACT EXAMPLE

Since 2019, AltSU scientists and students had been participating in the development of strategies for the socio-economic development of rural areas in Altai Krai. In 2021, the team of the project "Sustainable Development of Altai Territories in the Transboundary Space", which brings together representatives of the Economic Institute, the Institute of Geography, and the Institute of Biology and Biotechnology, developed a sustainable development strategy for Talmensky District. The developed strategy creates additional opportunities for the organizations of the municipality to receive various forms of financial support from the national and regional budgets, inexpensive bank loans for the development of infrastructure and innovative development, and will strengthen their integration into value chains and markets. Within the framework of the strategy, it is planned to implement a number of projects aimed at developing business, education, and supporting "green" innovations, taking into account the investment and intellectual potential of the region.



ENGAGEMENT EXAMPLE

Altai State University team took part in the forum "Altai Clusters. All Together".

From October 6 to 7, the First Intercluster Forum "Altai Clusters. All Together", dedicated to the 85th anniversary of Altai Krai, took place.

Recently, a modern R&D center was established at Altai State University. This center will provide an opportunity to expand the strategic partnership of ASU with large corporations. Also, one of the tasks is cooperation with clusters.

In order to build such interaction, the delegation of Altai State University within the framework of the forum attended the strategic session "Cluster policy as one of the main directions for the formation of the region's innovation ecosystem", a seminar in the field of procurement "School of the supplier", two master classes on personnel management and cognitive distortion, as well as an excursion to the children's technopark "Quantorium."



IMPACT EXAMPLE

ASU implements a program of financial assistance to those in need. Scholarships are paid to orphans, disabled people, and persons exposed to radiation due to radiation disasters. Financial assistance is paid to foreign and nonresident students twice a year for travel to their place of residence.

ENGAGEMENT EXAMPLE

Over 2,5 thousand international students study at ASU, most of whom represent countries and peoples where Navruz is one of the main national holidays. For the 7th time, Altai State University widely celebrates the spring holiday of Navruz with a series of events united under the auspices of the Student Congress of the Peoples of Central Asia. On Saturday, March 19, the holiday week opened in the Univer City student residential complex with a National Cuisine Festival. Students from Russia, Kazakhstan, Kyrgyzstan, China, Tajikistan and Uzbekistan prepared and presented their national dishes. All interested students, to the accompaniment of national songs of the peoples of Central Asia, could taste pilaf, beshbarmak, samsa, Chinese meat, Russian pancakes and many other dishes. Traditionally, the spring holiday on the basis of Altai State University was supported by national and cultural associations of Altai Krai, which helped students prepare the most delicious national dishes following authentic recipes.

TEACHING



30+ modules in EPs

250+ students who could choose modules

INSTITUTION EXAMPLE

ASU implements projects for children with disabilities. Scientists from Altai State University under the leadership of **Yana Smirnova**, an associate professor of the Department of General and Applied Psychology of the Institute of Humanities implemented the project "Development and implementation of rehabilitation technology, correction and training of children with disabilities in children's health and educational institutions and health and recreation sanatorium-type institutions of Altai Krai." It was included in the short list of the Priority 2030 Program.

**TEACHING****80+** modules in EPs**700+** students who could
choose modules**IMPACT EXAMPLE**

Altai State University won the competition to develop the concept “Barnaul – a green city”. The project team assessed the vital state of the species composition, a phytopathological examination of tree plantings, herbaceous plants and flower crops in key areas of Barnaul, as well as compliance with landscaping standards in different parts of the city, and justified the creation of new green areas to form the socio-ecological framework of the city. It is planned to create a Web-GIS project “Lenin Avenue from Malo-Tobolskaya street to October Square (within the red lines)”, database on green spaces and creation of a sketch (visualization), development of proposals for the use of new modern technologies of landscaping (surface, vertical, container) and landscape solutions in relation to the climatic and environmental conditions of the city of Barnaul.

ENGAGEMENT EXAMPLE

More than 1000 people visited Altai State University on Museum Night
On May 20, Altai State University traditionally joined the All-Russian event “Museum Night”. Guests were greeted at three exhibition venues, as well as in Izumrudnyy (Emerald) Park.
“The “Museum Night” event is traditional for the Universum Gallery. We honor the traditions, the foundation of which was laid by Tamara Mikhailovna Stepankaya, Professor of Art. She created the gallery in 2000, and since 2006 we had not missed a single Museum Night. This year all events were dedicated to the anniversary of Altai State University. There were many master classes, workshops, and open lectures at the Uiversum gallery.

INSTITUTION EXAMPLE

Students, university employees and their children are provided with sport equipment free of charge. For other citizens, an hour's rental of wooden skis costs 100 rubles, and plastic ones – 150 rubles. This year, in addition to new skis, the base purchased five bicycles and 23 off-road scooters. The locker room was also redecorated.

TEACHING



70+ modules in EPs

2000+ students who could
choose modules

INSTITUTION EXAMPLE

Ecological project of ASU undergraduate collected more than a ton of batteries for recycling

More than a ton of batteries and 150 kg of plastic caps were sent for recycling and disposal as part of the project “Ecology is Our Responsibility!” Its author and leader is **Daniil Egorov**, a master student of the Law Institute of Altai State University, Head of the Project Department of the Youth Government of Altai Krai.

IMPACT EXAMPLE

The ASU's Responsible Purchasing Policy is a key element in the university's commitment to leadership in sustainable development. The Policy is based on the standards of corporate procurement and corporate responsibility, applied worldwide and aimed at reducing the negative impact on the environment. Suppliers' compliance with socially responsible, resource-efficient, environmental and ethical business standards is an integral part of ASU's procurement policy.

ENGAGEMENT EXAMPLE

The “ECODVOR” event was held at the Rubtsovsk Institute (branch) of Altai State University. The “Ecodvor” event was aimed at involving students and residents of the city of Rubtsovsk in the practice of separate waste collection. Staff and students of the Institute took part. The event featured interactive platforms: giftmarka (exchange of things); book turn (book exchange); second life for things (exchange of things); information corners (alternatives to the usual plastic things, things made from recycled materials, ECO brochures and an information stand about the dangers of garbage).



TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS



Altai State
University

RESEARCH



42 publications in Scopus
2015-2019

386 "cited by" in Scopus

IMPACT EXAMPLE

ASU scientists were developing a regional climate change adaptation plan for Samara Oblast.

Scientists from the Institute of Geography and the International Institute of Economics, Management and Information Systems of Altai State University won the competition and signed a contract to develop a Regional Climate Change Adaptation Plan for Samara Oblast. One of the main documents of the plan is a climate safety passport for the region.

ENGAGEMENT EXAMPLE

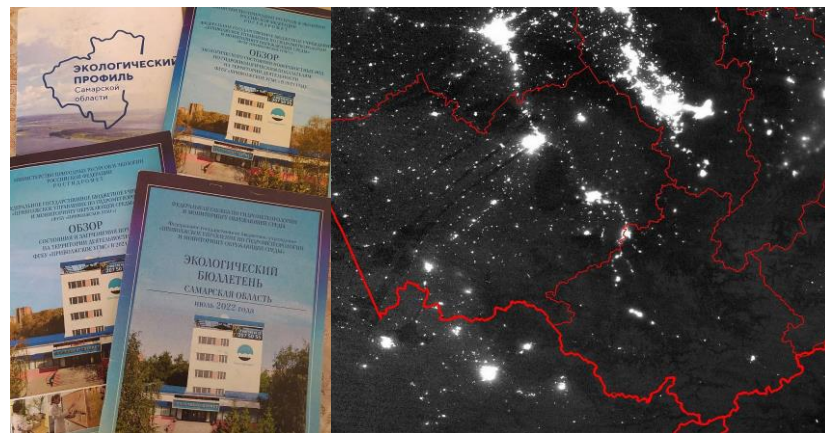
Altai State University discussed the details of preparing a draft program for the creation of a carbon landfill in Altai Krai. Altai State University acted as the project implementation operator in Altai Krai. The university's application was approved and supported by the Ministry of Education and Science of the region. The parties discussed the course of preparation of a draft program for the creation of a carbon landfill. The main tasks that need to be completed by the end of September were considered in order to submit a complete set of the project for approval by the expert council of the Ministry of Education and Science.



TEACHING

50+ modules in EPs

2000 students who
could choose modules



INSTITUTION EXAMPLE

On April 19, the International Scientific and Practical Conference "Geographical Research of Siberia and the Altai-Sayan Transboundary Region" opened at the Institute of Geography, dedicated to the scientific activities of Professor V. Revyakin and the International Year of Sustainable Mountain Development. Scientists from Mongolia, Kazakhstan, Kyrgyzstan, Tajikistan, China and Russia discussed topical areas of physical-geographical and socio-economic research in Siberia and the Altai-Sayan region, as well as problems in the development of geographical science..

INSTITUTION EXAMPLE

Scientists from the REC for Altaic and Turkic Studies “The Greater Altai” developed a technology for saving water when irrigating lands.

Growing crops on arid soils is not an easy task that agronomists of Uzbekistan have to solve every day. Field irrigation is quite expensive. In addition, the use of water resources in large quantities leads to the drainage of natural water bodies.

Scientists from the REC for Altaic and Turkic Studies of ASU “The Greater Altai”, together with colleagues from Germany and Kazakhstan, developed a resource-saving technology for the cultivation of arid lands. According to the authors, this work is of great importance for the development of agriculture and ecology.

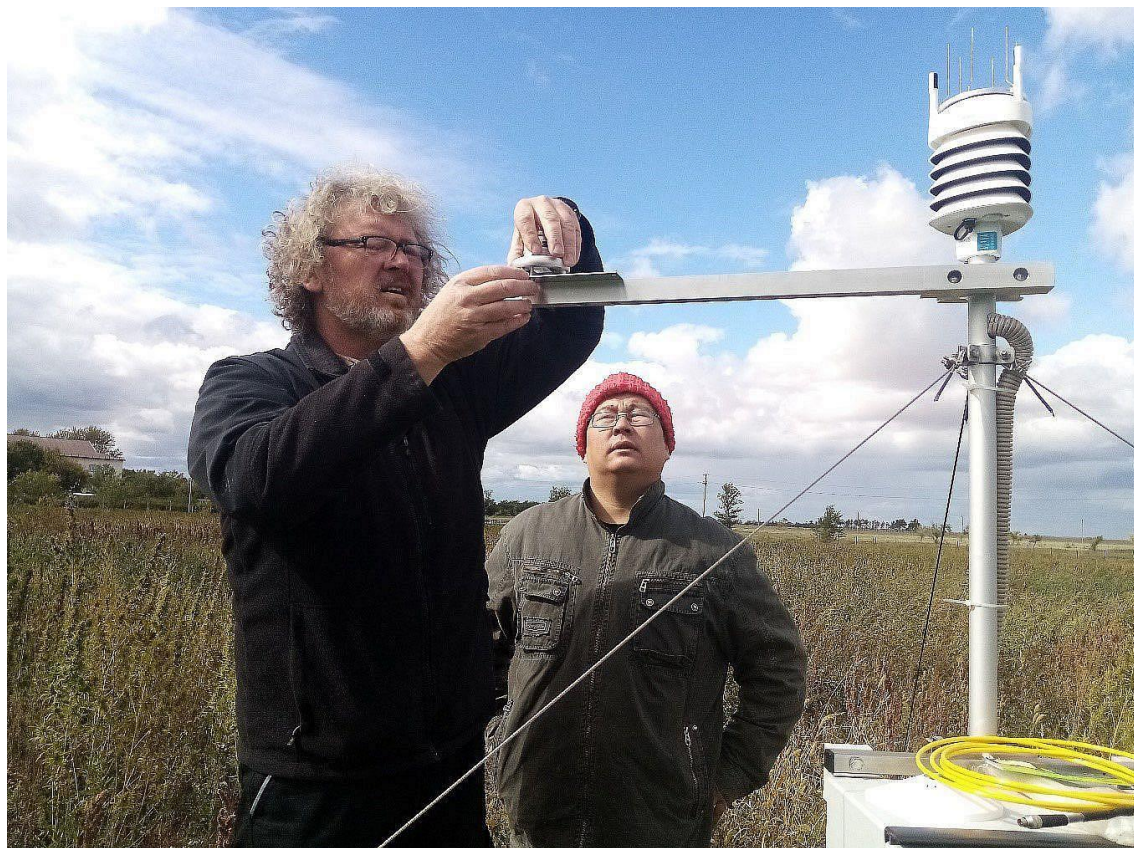


30+ modules in EPs

500+ students who
could choose modules

IMPACT EXAMPLE

Birdwatching, separate waste collection campaign and eco-lessons for schoolchildren: ASU participated in VuzEcoFest for the first time. For the first time, Altai State University took part in the All-Russian Ecological Festival in the field of ecology and sustainable development VuzEcoFest. The university held more than 30 environmental events: clean-ups, actions, open lectures, film screenings, and thematic lessons in schools.



PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS

RESEARCH



59 publications in Scopus 2015-2019

544 "cited by" in Scopus

TEACHING



150+ modules in EPs

2000+ students who could choose modules



IMPACT EXAMPLE

Professor of the Institute of Biology and Biotechnology of ASU Roman Yakovlev tested Russian repellents in West Africa.

ASU biologist explained that these are the most common and most dangerous mosquito species in subtropical and tropical Africa. Representatives of the genus Anopheles carry various types of malaria, and Aedes - dengue fever. Malaria and dengue fever are extremely common diseases in hot regions of the planet. Every year, about half a billion people fall ill with these infections, of which about a million die.

INSTITUTION EXAMPLE

ASU scientists help red book birds survive Siberian frosts.

There are more than 100 Saker Falcons from the Red Book of Saker Falcons in the laboratory of the nursery of rare birds "Altai-Falcon" of Altai State University.

ENGAGEMENT EXAMPLE

ASU scientists study the possibilities of working with artificial seeds.

Scientists of the Altai Center for Applied Biotechnology continue to work on the project "Preservation and improvement of the gene pool of agricultural, medicinal crops and rare plant species," supported under the Priority 2030 program.

IMPACT EXAMPLE

ASU confirmed the status of the leading university in promoting the Russian language, culture and education in Russian in the countries of Central Asia.

The international project of Altai State University called Cycle of educational and cultural events "Through the pages of Russian culture" was highly appreciated by the experts of the Ministry of Education and was included in the collection of the best practices of Russian education to promote the Russian language abroad in 2022.

RESEARCH

26 publications in Scopus
2015-2019

73 "cited by" in Scopus



TEACHING

100+ modules in EPs

8000+ students who
could choose modules



ENGAGEMENT EXAMPLE

Altai State University entered the top 35 universities implementing the Presidential program for training management personnel.

The program is in demand among managers and businessmen. More than 70% of projects created by program participants are successfully implemented. For example, not long ago the program added an internship block, which became an integral element of the educational process. It is noteworthy that graduates of the program are very happy to invite current students to their enterprises for internships. For example, recently trainees visited the Bochkarevsky brewery, the Barnaul reinforced concrete products plant and other organizations. It is worth noting that even after training, students of the program remain one team. They organize joint charitable and environmental events, do sports, and help each other.

INSTITUTION EXAMPLE

In 2023, the new regional law On Science will come into force, in the development of which scientists from Altai State University took part.

On January 1, 2023, the regional basic law On science and scientific and technical activity will come into force. It will create a legal basis for effective management of science and state support for scientific activities in Altai Krai. The working group also included representatives of Altai State University: Rector, Doctor of Economic Sciences, professor **Sergei Bocharov**, Director of the Institute of Law of Altai State University, Doctor of Legal Sciences, an associate professor **Anton Vasiliev**, Vice-Rector for Scientific and Innovative Development **Alexander Dunets**, and Candidate of Legal Sciences, an associate professor, Chairman of the Committee for Education and Science of Altai Regional Legislative Assembly **Alexander Molotov**.

Altai State University



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