

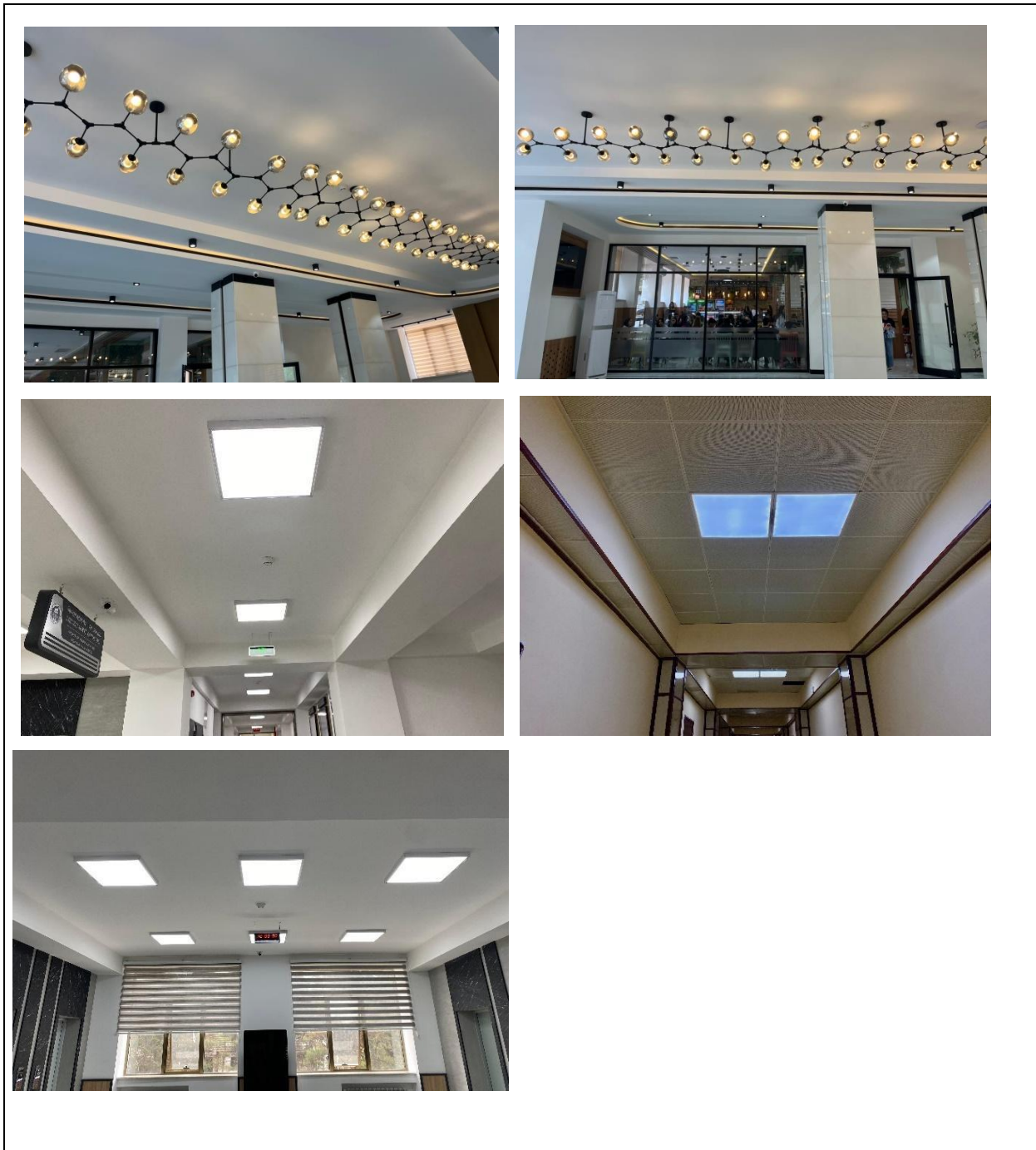


UI GreenMetric Questionnaire

University : Baku State University
Country : Azerbaijan
Web Address : <http://bsu.edu.az/>
SDG Focused Web Address: <https://sdg.bsu.edu.az/>

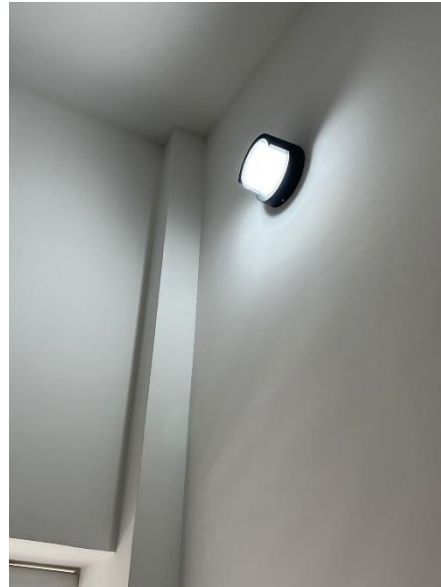
[2] Energy and Climate Change (EC)

[2.1] Energy Efficient Appliances Usage (EC.1)



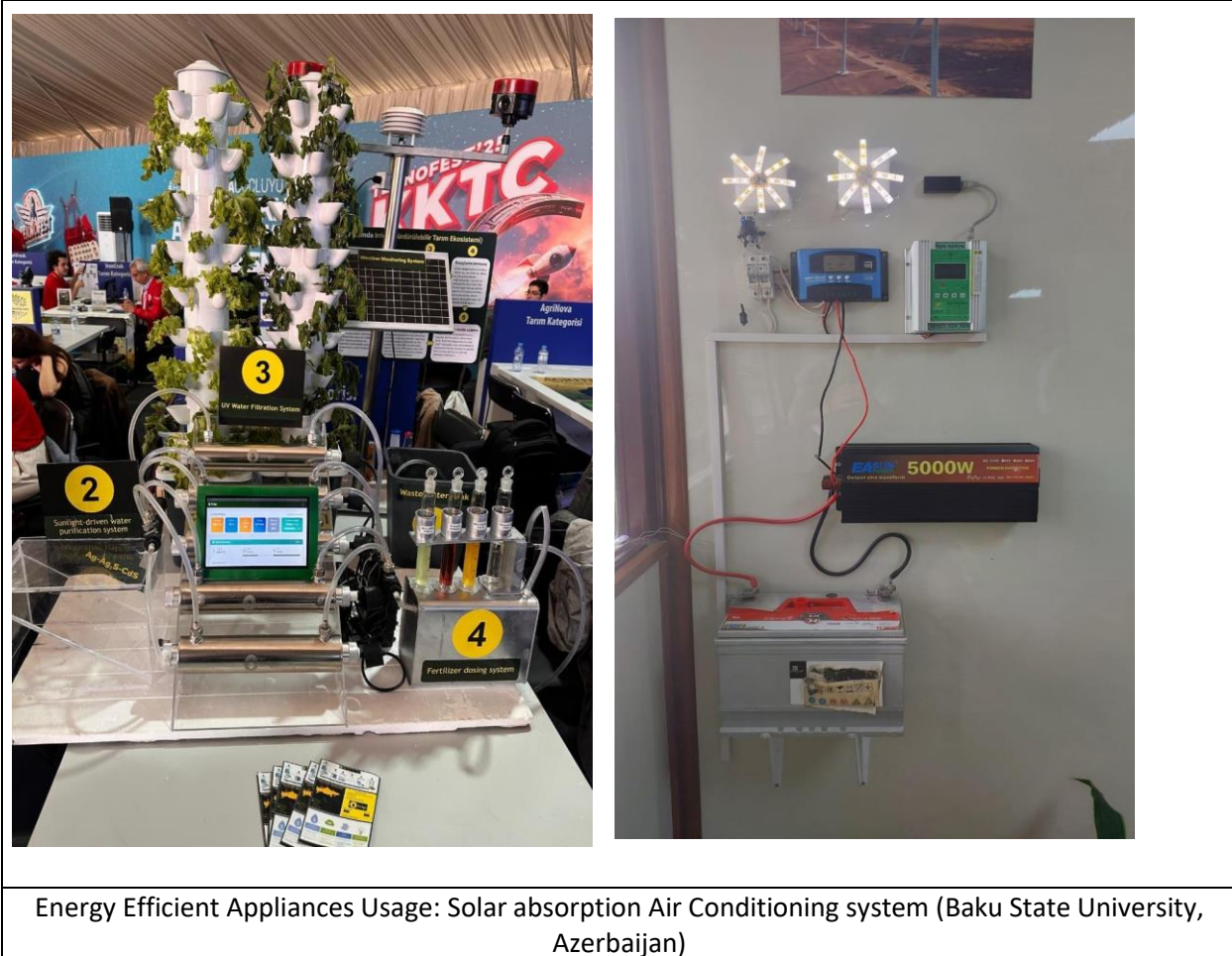


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Energy Efficient Appliances Usage: Use of LED lighting and lamps with light detection (Baku State University, Azerbaijan)





Description:

Baku State University has made substantial progress in improving campus sustainability through the widespread implementation of energy-efficient appliances and equipment, with more than 75% of all electrical devices and systems utilized across the university meeting energy-efficiency standards. This initiative represents one of the university’s core operational strategies aimed at reducing energy consumption, lowering operational costs, minimizing environmental impact, and promoting long-term sustainable campus development in line with international sustainability frameworks.

As a large higher education institution with thousands of students, academic staff, researchers, and administrative employees utilizing campus infrastructure on a daily basis, energy consumption remains one of the most significant operational factors influencing the university’s environmental footprint. Recognizing this responsibility, the university has adopted a systematic institutional approach focused on replacing outdated high-energy-consuming equipment with modern technologies designed to maximize efficiency while maintaining high-quality educational and operational performance.

A major component of this initiative has been the university-wide transition toward energy-efficient lighting systems. Traditional incandescent and older fluorescent lighting systems have gradually been replaced with modern LED lighting technology across classrooms, lecture halls, laboratories, research centers, faculty buildings, administrative offices, corridors, libraries, student service centers, and outdoor campus infrastructure. LED systems consume significantly less electricity, provide longer operational life cycles, reduce maintenance frequency, and generate less heat compared to conventional lighting systems, creating both environmental and financial benefits for the institution.

In addition to lighting modernization, the university has significantly upgraded its heating, ventilation, and air conditioning (HVAC) systems, which traditionally represent one of the largest sources of electricity consumption



in educational institutions. Older cooling and heating systems have increasingly been replaced with high-efficiency inverter air conditioning units and optimized heating technologies capable of maintaining stable indoor temperatures while consuming considerably lower amounts of electricity. These systems improve overall comfort conditions for students and employees while simultaneously reducing energy waste.

The university has also prioritized the replacement of older office technologies with energy-efficient digital equipment. Administrative departments, academic faculties, libraries, and research centers increasingly rely on modern low-power consumption desktop computers, laptops, servers, printers, photocopy machines, scanners, and projectors that are specifically selected based on energy performance criteria. Devices equipped with automatic sleep mode, standby power management systems, and low-energy operating standards help reduce unnecessary electricity usage during periods of inactivity while maintaining uninterrupted operational functionality.

Research laboratories, which often consume substantial amounts of electricity due to specialized scientific equipment, have similarly been included in the institution's energy efficiency strategy. Modern laboratory instruments, refrigeration systems, measurement devices, and research equipment with optimized power consumption technologies are increasingly prioritized during procurement processes. This approach ensures that scientific research activities can continue at high quality while reducing unnecessary energy expenditure associated with outdated laboratory infrastructure.

Another important component of this initiative involves the implementation of smart electricity management systems throughout campus facilities. Many buildings incorporate automatic systems that regulate electricity consumption through motion sensor lighting controls, automated shutdown functions, timer-based systems, occupancy sensors, and centralized monitoring mechanisms. These technologies help ensure that electricity is only consumed when space is actively in use, significantly reducing avoidable energy waste during non-operational hours, evenings, weekends, and academic breaks.

The university's sustainability strategy also incorporates green procurement policies, under which all newly purchased electrical appliances and technological equipment are evaluated not only based on cost and functionality, but also on energy performance indicators. Procurement procedures increasingly prioritize internationally recognized energy-certified products, ensuring that long-term operational sustainability remains a key factor in institutional purchasing decisions. This policy gradually increases the percentage of energy-efficient equipment across the entire campus each year.

Beyond infrastructure upgrades, the university also promotes energy conservation awareness among students, faculty members, and administrative personnel. Awareness campaigns, sustainability education programs, and internal communication initiatives encourage responsible use of electrical devices, including turning off unused appliances, minimizing unnecessary lighting usage, properly managing air conditioning systems, and adopting environmentally responsible behavior in daily campus activities. This behavioral component complements technological investments and helps maximize the overall impact of the energy efficiency program.

The widespread use of energy-efficient appliances has produced several measurable institutional benefits. Reduced electricity consumption directly lowers university operational expenditures, allowing financial resources to be allocated more efficiently toward academic development, research infrastructure, student services, and campus modernization. Lower electricity demand simultaneously decreases the university's indirect carbon emissions, strengthening its contribution toward climate change mitigation efforts and national environmental sustainability objectives.

This initiative directly contributes to the achievement of several global sustainability priorities, particularly:

- SDG 7 – Affordable and Clean Energy by improving overall energy efficiency and reducing unnecessary electricity demand across university operations.
- SDG 9 – Industry, Innovation and Infrastructure by modernizing campus infrastructure with advanced and sustainable technologies.
- SDG 11 – Sustainable Cities and Communities by promoting environmentally responsible institutional infrastructure management.
- SDG 12 – Responsible Consumption and Production by integrating sustainable procurement practices and encouraging efficient use of electrical resources.
- SDG 13 – Climate Action by reducing greenhouse gas emissions associated with excessive energy consumption and supporting low-carbon institutional development.



By ensuring that more than 75% of campus appliances and electrical systems operate using energy-efficient technologies, Baku State University demonstrates a clear long-term commitment to environmental responsibility, operational efficiency, and sustainable institutional transformation. Through continuous infrastructure modernization, smart energy management systems, sustainable procurement policies, and campus-wide awareness initiatives, the university continues building a modern, energy-conscious, low-carbon campus ecosystem aligned with international sustainability standards and global sustainable development objectives.

Furthermore, the university supports sustainable transportation by installing electric vehicle (EV) charging stations on campus. These charging points encourage the use of environmentally friendly electric vehicles among students, staff, and visitors. The integration of renewable energy sources with modern infrastructure demonstrates the university's commitment to green campus initiatives and sustainable development.

Category	Description / Implementation at Baku State University
<i>Indicator</i>	Use of energy-efficient appliances across campus facilities
<i>Current Performance</i>	More than 75% of electrical appliances and equipment utilized across university buildings meet recognized energy-efficiency standards
<i>Objective</i>	Reduce overall electricity consumption, lower operational costs, decrease environmental footprint, and improve sustainable campus management
<i>Lighting Systems</i>	Replacement of conventional incandescent and fluorescent bulbs with LED lighting systems in classrooms, lecture halls, laboratories, libraries, administrative offices, corridors, and outdoor campus areas
<i>Heating and Cooling Systems (HVAC)</i>	Installation of energy-efficient air conditioning systems, inverter-based cooling technologies, and optimized heating systems to reduce electricity demand while maintaining comfortable indoor environments
<i>Office Equipment</i>	Use of low-energy computers, laptops, printers, photocopy machines, scanners, and projectors with automatic sleep mode and standby power management functions
<i>Laboratory Equipment</i>	Procurement and use of modern scientific and laboratory equipment designed with optimized electricity consumption while maintaining research quality standards
<i>Smart Energy Management</i>	Deployment of motion sensor lighting systems, automatic shut-off mechanisms, timer-based controls, occupancy sensors, and centralized monitoring systems to minimize unnecessary electricity use
<i>Procurement Policy</i>	University purchasing policies prioritize energy-efficient and internationally certified appliances for all newly acquired electrical and technological equipment
<i>Campus Infrastructure Coverage</i>	Energy-efficient technologies implemented across academic buildings, administrative offices, research laboratories, student service centers, libraries, dormitories, and public campus infrastructure
<i>Awareness Programs</i>	Sustainability awareness campaigns encourage students and staff to use electricity responsibly by switching off unused equipment and minimizing unnecessary energy consumption
<i>Operational Benefits</i>	Reduced electricity bills, lower maintenance costs, longer equipment lifespan, improved operational efficiency, and better allocation of institutional financial resources
<i>Environmental Benefits</i>	Reduction of campus carbon emissions, decreased energy waste, lower demand for non-renewable energy resources, and improved environmental sustainability performance



	<i>Long-Term Strategy</i>	Continuous replacement of outdated high-energy-consuming appliances with modern low-energy alternatives and gradual expansion of smart energy systems
7	<i>Contribution to SDG</i>	Supports Affordable and Clean Energy through improved campus energy efficiency
9	<i>Contribution to SDG</i>	Supports Industry, Innovation and Infrastructure through modernization of sustainable university infrastructure
11	<i>Contribution to SDG</i>	Supports Sustainable Cities and Communities through environmentally responsible campus management
12	<i>Contribution to SDG</i>	Supports Responsible Consumption and Production through sustainable procurement and efficient resource utilization
13	<i>Contribution to SDG</i>	Supports Climate Action by reducing greenhouse gas emissions associated with excessive electricity consumption
	<i>Overall Sustainability Impact</i>	Strengthens the university's transition toward a low-carbon, energy-efficient, environmentally sustainable campus aligned with international sustainability standards

Appliance Type	Total Number of Appliances	Number of Energy-Efficient Appliances	Percentage (%)
LED Lamps	250,000	235,000	94%
Fans	150	130	87%
Air Conditioners	420	350	83%
Desktop Computers	2,300	1,900	83%
Laptops	1,250	1,100	88%
Printers & Copiers	180	145	81%
Projectors	220	175	80%
Refrigerators (Laboratories & Offices)	95	76	80%
Water Dispensers	130	105	81%
Laboratory Equipment	600	470	78%
Smart Lighting Sensors	300	300	100%
Heating Systems / Boilers	75	58	77%
Total / Average	255,720	239,809	~ 84%

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

- <https://sdg.bsu.edu.az/> The official SDG portal of BSU presents the university's sustainability initiatives, policies, and progress aligned with the Sustainable Development Goals.
- <https://sdg.bsu.edu.az/allnews> This page compiles all news related to BSU's activities, achievements, and events supporting sustainable development.
- <https://sdg.bsu.edu.az/university-policies> This section outlines BSU's institutional policies that support sustainability and SDG integration.
- <https://sdg.bsu.edu.az/climate-action-policy> This page introduces BSU's climate action policy aimed at reducing environmental impact and promoting sustainability.



- <https://sdg.bsu.edu.az/uploads/files/Climate%20action%20policy.pdf> This document provides detailed information on BSU's climate action strategy and implementation measures.
- <https://sdg.bsu.edu.az/report-on-sdg-7-affordable-and-clean-energy> This page presents BSU's initiatives and achievements related to SDG 7 on affordable and clean energy.
- <https://sdg.bsu.edu.az/uploads/files/SDG%207%202025.pdf> This report outlines BSU's progress, projects, and outcomes related to SDG 7 for the year 2025.
- <https://sdg.bsu.edu.az/report-on-sdg-13-climate-action> This page highlights BSU's efforts and contributions toward SDG 13 on climate action.
- <https://sdg.bsu.edu.az/uploads/files/SDG%2013%202025.pdf> This document details BSU's climate action initiatives and performance indicators for 2025.
- <https://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus> BSU and KOBIA jointly launched an eco-energy station on campus to promote renewable energy use.
- <https://sdg.bsu.edu.az/news/a-training-session-at-bsu-dedicated-to-world-reserves-and-national-parks-day> A training session at BSU raised awareness about environmental conservation on World Reserves and National Parks Day.
- <https://sdg.bsu.edu.az/news/the-chairman-of-bsu-volunteers-our-organization-has-become-a-favorable-platform-for-students-development>. The chairman of BSU Volunteers highlighted the organization's role in supporting student development and engagement.
- <https://sdg.bsu.edu.az/news/537-students-of-bsu-were-awarded-for-their-active-volunteer-work-at-cop29> BSU recognized 537 students for their active volunteer participation in COP29 events.
- <https://sdg.bsu.edu.az/news/an-international-scientific-conference-on-the-topic-application-of-modern-equipment-and-methods-in-improving-food-and-water-security-is-being-held-at-bsu> An international conference at BSU focuses on modern technologies to enhance food and water security.
- <https://sdg.bsu.edu.az/news/the-state-youth-policy-is-being-successfully-implemented> This news highlights the successful implementation of state youth policy initiatives at BSU.
- <https://sdg.bsu.edu.az/news/an-assessment-of-the-ecological-situation-in-the-hekerichay-reservoir-was-conducted-at-bsu> Researchers at BSU conducted an ecological assessment of the Hekerichay reservoir.
- <https://sdg.bsu.edu.az/news/bsu-volunteers-participate-in-tree-planting-campaign-dedicated-to-azerbaijan-youth-day> BSU volunteers took part in a tree-planting campaign dedicated to Azerbaijan Youth Day.
- <https://sdg.bsu.edu.az/news/methodology-for-calculating-biomass-and-carbon-sequestration-potential-in-azerbaijan-forests-brochure-published-by-bsu-staff> BSU staff published a methodology on biomass calculation and carbon sequestration potential in forests.
- <https://sdg.bsu.edu.az/news/bsu-staff-participates-in-the-event-dedicated-to-the-21st-anniversary-of-the-creation-of-hirkan-national-park> BSU staff joined an event celebrating the anniversary of Hirkan National Park.
- <https://sdg.bsu.edu.az/news/bsu-has-been-awarded-5-stars-in-the-qs-stars-audit-evaluation> BSU achieved a 5-star rating in the QS Stars audit evaluation.
- <https://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-development-of-smart-irrigation-technology> A seminar at BSU explored advancements in smart irrigation technologies.
- <https://sdg.bsu.edu.az/news/a-scientific-seminar-titled-the-glaciation-phases-of-our-planet-was-held-at-bsu> A scientific seminar at BSU examined the glaciation phases of Earth.
- <https://sdg.bsu.edu.az/news/tedx-style-meeting-at-bsu> A TEDx-style meeting at BSU provided a platform for sharing innovative ideas and experiences.
- <https://sdg.bsu.edu.az/news/dedicated-lanes-for-bicycles-and-small-electric-vehicles-at-the-main-entrance-of-bsu> BSU introduced dedicated lanes for bicycles and small electric vehicles to support sustainable mobility.



- <https://sdg.bsu.edu.az/news/bsu-volunteers-organize-awareness-event-dedicated-to-international-recycling-day> BSU volunteers organized an awareness event for International Recycling Day.
- <https://sdg.bsu.edu.az/news/sdg-week-has-started-with-the-organization-of-bsu-thik> BSU launched SDG Week with a series of sustainability-focused activities.
- <https://sdg.bsu.edu.az/news/bsu-has-joined-the-global-academic-network-canie-to-combat-climate-change> BSU joined the CANIE global academic network to address climate change challenges.
- <https://sdg.bsu.edu.az/news/the-first-workshop-of-the-project-titled-application-of-artificial-intelligence-in-precision-agriculture-organized-by-the-agricultural-innovation-center-at-bsu-has-been-held> BSU hosted the first workshop on applying AI in precision agriculture.
- <https://sdg.bsu.edu.az/news/a-scientific-seminar-on-the-topic-of-synthetic-biology-was-held-at-bsu> A seminar at BSU discussed developments in synthetic biology.
- <https://sdg.bsu.edu.az/news/an-international-earth-day-has-been-celebrated-at-bsu> BSU celebrated International Earth Day with environmental awareness activities.
- <https://sdg.bsu.edu.az/news/information-session-on-the-international-startup-acceleration-program-green-and-digital-silk-road-at-bsu> An info session at BSU introduced the Green and Digital Silk Road startup program.
- <https://sdg.bsu.edu.az/news/bsu-joins-the-international-sustainable-campus-network> BSU became a member of the International Sustainable Campus Network.
- <https://sdg.bsu.edu.az/news/deputy-director-of-the-state-agency-on-renewable-energy-sources-delivers-a-masterclass-at-bsu> A masterclass on renewable energy was delivered at BSU by a state agency official.
- <https://sdg.bsu.edu.az/news/bsu-students-visit-the-gobustan-mud-volcanoes> BSU students visited the Gobustan mud volcanoes for educational purposes.
- <https://sdg.bsu.edu.az/news/awareness-event-on-combating-environmental-crimes-legal-and-organizational-approaches-held-at-bsu> An event at BSU addressed legal approaches to combating environmental crimes.
- <https://sdg.bsu.edu.az/news/the-ecolead-project-is-being-successfully-implemented> The ECOLEAD project at BSU is being successfully implemented to promote environmental awareness.
- <https://sdg.bsu.edu.az/news/air-pollution-biomonitoring-is-being-conducted-in-baku-city-and-the-absheron-peninsula-at-bsu> BSU conducts biomonitoring of air pollution in Baku and the Absheron Peninsula.
- <https://sdg.bsu.edu.az/news/field-training-programs-commence-at-bsu> BSU has launched field training programs for students in environmental and scientific disciplines.
- <https://sdg.bsu.edu.az/news/bsu-is-represented-at-caspian-agro--the-18th-azerbaijan-international-agriculture-exhibition> BSU participated in the Caspian Agro international agriculture exhibition.
- <https://sdg.bsu.edu.az/news/bsu-students-learn-ways-to-protect-the-environment> BSU students are trained in practical methods for environmental protection.
- <https://sdg.bsu.edu.az/news/republic-scientific-conference-on-the-new-stage-of-land-reform-and-the-resolution-of-ecological-problems-at-bsu> A conference at BSU focused on land reform and ecological problem-solving.
- <https://sdg.bsu.edu.az/news/republican-scientific-conference-at-bsu-geography-at-the-crossroads-of-global-trends> A geography conference at BSU explored global trends and challenges.
- <https://sdg.bsu.edu.az/news/the-series-of-trainings-dedicated-to-the-integration-of-sdg-into-education-and-research-at-bsu-has-been-successfully-completed> BSU successfully completed training sessions on integrating SDGs into education and research.
- <https://sdg.bsu.edu.az/news/an-event-titled-green-economy-held-at-bsu> An event at BSU discussed principles and opportunities of the green economy.
- <https://sdg.bsu.edu.az/news/presentation-of-an-interactive-map-on-the-environmental-impacts-of-armenias-mining-industry-held-at-bsu> BSU presented an interactive map on environmental impacts of mining activities.



- <https://sdg.bsu.edu.az/news/bsu-faculty-of-ecology-and-soil-science-students-conduct-field-training-in-shamakhi-and-gobustan> Students conducted field training in Shamakhi and Gobustan regions.
- <https://sdg.bsu.edu.az/news/bsu-flower-planting-campaign> BSU organized a flower planting campaign to enhance campus greenery.
- <https://sdg.bsu.edu.az/news/students-of-biology-faculty-is-on-field-trip> Biology students at BSU participated in a field trip for practical learning.
- <https://sdg.bsu.edu.az/news/opening-of-the-student-space-at-bsu> BSU inaugurated a new student space to support academic and social activities.
- <https://sdg.bsu.edu.az/news/study-of-the-natural-vegetation-of-the-caspian-coast-underway-at-bsu> BSU researchers are studying natural vegetation along the Caspian coast.
- <https://sdg.bsu.edu.az/news/event-on-ecological-terror-and-the-nature-of-karabakh-held-at-bsu> An event at BSU discussed ecological issues and environmental damage in Karabakh.
- <https://sdg.bsu.edu.az/news/bsu-represented-at-baku-energy-week> BSU participated in Baku Energy Week to showcase energy-related initiatives.
- <https://sdg.bsu.edu.az/news/ecoday-2025-competition-at-bsu-dedicated-to-world-environment-day> BSU organized EcoDay 2025 competition for World Environment Day.
- <https://sdg.bsu.edu.az/news/bsu-is-represented-with-its-own-stand-at-the-global-sdg> BSU showcased its SDG initiatives at a global sustainability event.
- <https://sdg.bsu.edu.az/news/bsu-presents-results-of-active-biomonitoring-of-atmospheric-air-in-baku-and-absheron> BSU presented research results on atmospheric air biomonitoring.
- <https://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-carbon-credit-market-and-potential-opportunities> A seminar at BSU explored carbon credit markets and opportunities.
- <https://sdg.bsu.edu.az/news/12-bsu-graduates-to-pursue-studies-in-hungary-and-the-peoples-republic-of-china-through-government-scholarship-programs> Twelve BSU graduates received scholarships to study abroad.
- <https://sdg.bsu.edu.az/news/info-session-held-at-the-innovation-and-digital-development-agency-for-bsu-sabah-group-students> An info session was held for SABAH group students at the Innovation Agency.
- <https://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-fifth-industrial-revolution-current-situation-and-future-prospects> A seminar at BSU discussed the Fifth Industrial Revolution.
- <https://sdg.bsu.edu.az/news/bsu-student-wins-the-azad-mirzajanzade-development-program-of-riib> A BSU student won the Azad Mirzajanzade development program.
- <https://sdg.bsu.edu.az/news/second-youth-networking-forum-held> The second youth networking forum brought together young leaders and innovators.
- <https://sdg.bsu.edu.az/news/opening-ceremony-of-the-un-local-conference-of-youth-on-climate-change-lcoy-azerbaijan-2025-held-at-bsu> BSU hosted the opening of LCOY Azerbaijan 2025 on climate change.
- <https://sdg.bsu.edu.az/news/systematic-planned-and-thoughtful-measures-are-being-implemented-in-our-country-to-combat-climate-change-elchin-babayev> BSU leadership emphasized national efforts to combat climate change.
- <https://sdg.bsu.edu.az/news/national-youth-climate-statement-of-azerbaijan-adopted-at-the-un-local-conference-of-youth-on-climate-change> A national youth climate statement was adopted at LCOY Azerbaijan.
- <https://sdg.bsu.edu.az/news/bsu-volunteers-participate-in-protect-the-caspian-2025-international-coastal-cleanup> BSU volunteers joined an international Caspian coastal cleanup campaign.
- <https://sdg.bsu.edu.az/news/bsu-participates-in-sustainability-exhibition-art-and-innovation-for-the-planet> BSU took part in a sustainability exhibition on art and innovation.
- <https://sdg.bsu.edu.az/news/bsu-students-present-their-startups-within-the-project-application-of-artificial-intelligence-in-precision-agriculture> BSU students presented AI-based agricultural startups.
- <https://sdg.bsu.edu.az/news/bsu-students-visit-idea-animal-care-center> BSU students visited the IDEA Animal Care Center.



- <https://sdg.bsu.edu.az/news/research-on-the-role-of-phytohormones-in-cotton-genotypes-conducted-at-bsu> BSU researchers studied phytohormones in cotton genotypes.
- <https://sdg.bsu.edu.az/news/bsu-hosts-youth-dialogue-of-the-future-event-dedicated-to-the-80th-anniversary-of-the-united-nations> BSU hosted a youth dialogue marking the UN's 80th anniversary.
- <https://sdg.bsu.edu.az/news/ayna-holds-info-session-on-sustainable-urban-mobility-at-bsu> AYNA held an info session on sustainable urban mobility at BSU.
- <https://sdg.bsu.edu.az/news/waste-for-gifts-festival-held-at-bsu> A recycling-themed "Waste for Gifts" festival was held at BSU.
- <https://sdg.bsu.edu.az/news/completion-of-the-3rd-emidworld-international-conference-on-economics,-public-finance,-business-and-social-sciences-at-bsu> BSU successfully hosted the 3rd EMIDWORLD international conference.
- <https://sdg.bsu.edu.az/news/roundtable-at-bsu-constitution-and-natural-resources-from-a-scientific-legal-perspective> A roundtable at BSU examined natural resources from a legal perspective.
- <https://sdg.bsu.edu.az/news/scientific-seminar-on-the-transformation-of-caspian-coastal-landscapes> A seminar at BSU discussed changes in Caspian coastal landscapes.
- <https://sdg.bsu.edu.az/news/scientific-seminar-on-the-ecological-problems-caused-by-the-mining-industry> BSU held a seminar on ecological impacts of mining.
- <https://sdg.bsu.edu.az/news/bsu-becomes-the-south-caucasus-leader-in-ui-greenmetric-2025-ranking> BSU ranked as a South Caucasus leader in UI GreenMetric 2025.
- <https://sdg.bsu.edu.az/news/bsu-young-researchers-projects-reach-the-final-of-the-earth-observation-competition> BSU young researchers reached the finals of an Earth observation competition.
- <https://sdg.bsu.edu.az/news/research-on-the-socio-economic-and-demographic-development-challenges-of-azerbaijani-cities-at-bsu> BSU conducts research on socio-economic and demographic challenges.
- <https://sdg.bsu.edu.az/news/bsu-students-conduct-scientific-research-on-nanotechnologies-and-environmental-safety> BSU students research nanotechnology applications for environmental safety.
- <https://sdg.bsu.edu.az/news/bsu-department-of-astrophysics-winter-will-begin-in-azerbaijan-on-december-21-at-190301> BSU astrophysics department announced the exact timing of winter onset.
- <https://sdg.bsu.edu.az/news/phd-students-of-the-faculty-of-geography-present-at-nasco-xxviii-conference> Geography PhD students from BSU presented at NASCO XXVIII.
- <https://sdg.bsu.edu.az/news/scientific-seminar-on-the-assessment-of-hydrometeorological-parameters-in-the-recreational-zones-of-the-caspian-sea-held-at-the-faculty-of-geography> A seminar assessed hydrometeorological conditions in Caspian recreational zones.
- <https://sdg.bsu.edu.az/news/impact-of-hydrometeorological-factors-on-the-recreational-zones-of-the-caspian-sea-studied-at-bsu> BSU researchers studied hydrometeorological impacts on coastal zones.
- <https://sdg.bsu.edu.az/news/research-on-the-socio-economic-and-demographic-development-challenges-of-azerbaijani-cities-at-bsu> BSU hosted an international conference on sustainable development in earth sciences and ecology.
- <https://sdg.bsu.edu.az/news/scientific-seminar-held-assessment-of-the-assimilation-potential-of-coastal-landscapes-of-the-caspian-sea-under-technogenic-impacts> A scientific seminar at BSU examined the assimilation potential of Caspian coastal landscapes under technogenic impacts.
- <https://sdg.bsu.edu.az/news/bsu-students-conduct-scientific-research-on-nanotechnologies-and-environmental-safety> BSU students conducted scientific research on nanotechnology applications and environmental safety.
- <https://sdg.bsu.edu.az/news/phd-students-of-the-faculty-of-geography-present-at-nasco-xxviii-conference> PhD students from the Faculty of Geography at BSU presented their research at the NASCO XXVIII Conference.



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- <https://sdg.bsu.edu.az/news/scientific-seminar-on-the-assessment-of-hydrometeorological-parameters-in-the-recreational-zones-of-the-caspian-sea-held-at-the-faculty-of-geography> A scientific seminar at BSU focused on assessing hydrometeorological parameters in the recreational zones of the Caspian Sea.
- <https://sdg.bsu.edu.az/news/impact-of-hydrometeorological-factors-on-the-recreational-zones-of-the-caspian-sea-studied-at-bsu> Researchers at BSU studied the impact of hydrometeorological factors on the recreational zones of the Caspian Sea.
- <https://sdg.bsu.edu.az/news/the-1st-international-scientific-conference-on-a-sustainable-future-integrated-development-of-earth-sciences-and-ecology-is-being-held-at-bsu> BSU hosted the 1st International Scientific Conference on the integrated development of earth sciences and ecology for a sustainable future.