



UI GreenMetric Questionnaire

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

[6] Education and Research (ED)

[6.18] Total number of graduates (for the last 3 years)

Academic Year	Faculty/Department	Graduates with Green Jobs	Description of Green Jobs	Data Source
2022/2023	Ecology	269	Environmental Consultant, Conservation Specialist, Waste Management Engineer	Alumni Database
	Geology	221	Environmental Geologist, Sustainable Mining Specialist	Tracer Study Report
	Geography	182	GIS Analyst, Urban Sustainability Planner	Alumni Survey
	Chemistry	164	Renewable Energy Chemist, Green Materials Researcher	Career Center Data
	Biology	158	Biodiversity Conservationist, Ecologist	Tracer Study Report
	Soil Sciences	148	Soil Conservation Specialist, Sustainable Agriculture Consultant	Alumni Database
Subtotal (2022/2023)		1,142		
2023/2024	Ecology	275	Environmental Consultant, Conservation Specialist, Waste Management Engineer	Alumni Database
	Geology	242	Environmental Geologist, Sustainable Mining Specialist	Tracer Study Report
	Geography	196	GIS Analyst, Urban Sustainability Planner	Alumni Survey
	Chemistry	164	Renewable Energy Chemist, Green Materials Researcher	Career Center Data



	Biology	182	Biodiversity Conservationist, Ecologist	Tracer Study Report
	Soil Sciences	161	Soil Conservation Specialist, Sustainable Agriculture Consultant	Alumni Database
Subtotal (2023/2024)		1,220		
2024/2025	Ecology	302	Environmental Consultant, Conservation Specialist, Waste Management Engineer	Alumni Database
	Geology	266	Environmental Geologist, Sustainable Mining Specialist	Tracer Study Report
	Geography	216	GIS Analyst, Urban Sustainability Planner	Alumni Survey
	Chemistry	181	Renewable Energy Chemist, Green Materials Researcher	Career Center Data
	Biology	200	Biodiversity Conservationist, Ecologist	Tracer Study Report
	Soil Sciences	177	Soil Conservation Specialist, Sustainable Agriculture Consultant	Alumni Database
Subtotal (2024/2025)		1,342		
Grand Total		3,704		

Summary

INDICATOR	VALUE
TOTAL GRADUATES WITH GREEN JOBS (2022/2023–2024/2025)	3,704
TOTAL GRADUATES (ALL FACULTIES)	16,520
PERCENTAGE OF GRADUATES EMPLOYED IN GREEN JOBS	22.0%

Over the last three academic years (2022/2023–2024/2025), 3,704 graduates from Baku State University have secured employment in green jobs, representing 22% of all graduates. This reflects an approximate 40% increase compared with the previous reporting period and demonstrates the University's growing success in preparing graduates for careers that contribute to environmental sustainability and the green economy.

Graduates are employed in a broad range of sustainability-related occupations, including Environmental Consultants, Environmental Geologists, GIS Analysts, Renewable Energy Chemists, Biodiversity Conservationists, Ecologists, Waste Management Engineers, Sustainable Mining Specialists, Urban Sustainability Planners, and Sustainable Agriculture Consultants.

The steady increase in green employment reflects BSU's strategic emphasis on sustainability-oriented curricula, practical laboratory training, fieldwork, research opportunities, industry partnerships, internships, and career development services. These outcomes contribute directly to SDG 4 (Quality



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Education), SDG 8 (Decent Work and Economic Growth), SDG 9 (Industry, Innovation and Infrastructure), SDG 13 (Climate Action), and SDG 15 (Life on Land) by equipping graduates with the knowledge and skills needed to support the transition to a more sustainable economy.

Graduate Employment & Career Development



-  The article highlights how state programs provide strong support to BSU graduates in advancing their education and scientific careers.
<https://sdg.bsu.edu.az/news/bsu-graduate-state-programs-provide-great-support-to-youth-in-education-and-scientific-activities>
-  BSU graduates were among the participants of the Maarifchi internship program who began their professional careers within the Ministry of Science and Education.
<https://sdg.bsu.edu.az/news/two-of-the-maarifchi-student-graduate-internship-program-who-began-their-professional-activity-in-the-structures-of-the-ministry-of-science-and-education-are-graduates-of-bsu>



- ✚ Twelve BSU students and alumni successfully completed the second Maarifchi internship program, gaining valuable professional experience in education-related institutions.
<https://sdg.bsu.edu.az/news/twelve-of-the-participants-who-successfully-completed-the-second-maarifchi-internship-program-are-students-and-alumni-of-bsu>
- ✚ A meeting was held with BSU graduates who were awarded state and intergovernmental scholarship programs, recognizing their academic achievements.
<https://sdg.bsu.edu.az/news/meeting-with-bsu-graduates-awarded-with-the-state-program-and-intergovernmental-scholarship-programs>
- ✚ A BSU graduate has been admitted to pursue a master's degree at a prestigious university in South Korea under an international scholarship program.
<https://sdg.bsu.edu.az/news/bsu-graduate-to-pursue-masters-degree-at-prestigious-south-korean-university>
- ✚ Twelve BSU graduates were awarded government scholarships to continue their higher education in Hungary and the People's Republic of China.
<https://sdg.bsu.edu.az/news/12-bsu-graduates-to-pursue-studies-in-hungary-and-the-peoples-republic-of-china-through-government-scholarship-programs>

➤ **Green Skills Development & Professional Training Programs**





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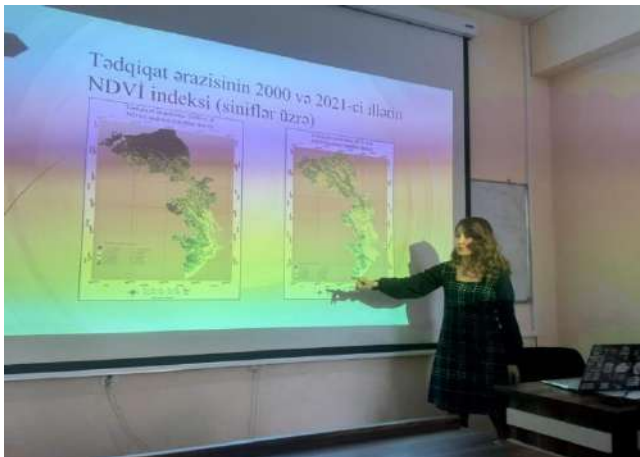


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- The first training of the Smart Agro Technology project introduced students to modern smart agriculture and sustainable farming practices.
<https://sdg.bsu.edu.az/news/the-first-training-of-the-smart-agro-technology-project-has-been-held-at-bsu>
- The seminar focused on integrating green chemistry principles into secondary school chemistry education to promote sustainability awareness.
<https://sdg.bsu.edu.az/news/scientific-seminar-on-the-application-of-green-chemistry-principles-in-secondary-school-chemistry-lessons-held>
- The EcoDay 2025 competition engaged students in environmental initiatives dedicated to World Environment Day and sustainability awareness.
<https://sdg.bsu.edu.az/news/ecoday-2025-competition-at-bsu-dedicated-to-world-environment-day>
- The awareness event highlighted the importance of recycling and encouraged students to adopt responsible waste management practices.
<https://sdg.bsu.edu.az/news/bsu-volunteers-organize-awareness-event-dedicated-to-international-recycling-day>
- The research focused on developing bio-nanoabsorbent methods for the effective purification of oil-contaminated water.



<https://sdg.bsu.edu.az/news/bsu-conducts-research-on-purification-of-oil-contaminated-water-using-bio-nanoadsorbents>

- The training introduced modern and sustainable approaches to solid waste management and environmental protection.
<https://sdg.bsu.edu.az/news/training-on-modern-approaches-to-solid-waste-management-held-at-bsu>
- The green initiative promoted environmental responsibility by collecting and recycling used batteries for sustainable reuse.
<https://sdg.bsu.edu.az/news/bsu-volunteers-green-initiative-give-new-life-to-old-batteries!>
- The conference addressed advanced technologies and methods for improving food and water security on a global scale.
<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>
- The seminar examined the ecological problems caused by mining activities and their impact on the environment.
<https://sdg.bsu.edu.az/news/scientific-seminar-on-the-ecological-problems-caused-by-the-mining-industry>
- The study presented findings from biomonitoring of atmospheric air quality in Baku and the Absheron region.
<https://sdg.bsu.edu.az/news/bsu-presents-results-of-active-biomonitoring-of-atmospheric-air-in-baku-and-absheron>
- The assessment evaluated the ecological condition of the Hekerichay reservoir and its environmental challenges.
<https://sdg.bsu.edu.az/news/an-assessment-of-the-ecological-situation-in-the-hekerichay-reservoir-was-conducted-at-bsu>
- The seminar explored environmental issues and climate-related challenges within the framework of Baku Climate Action Week.
<https://sdg.bsu.edu.az/news/a-scientific-seminar-will-be-held-organized-by-bsu-within-the-framework-of-the-baku-climate-action-week>
- The seminar assessed the potential of solar energy utilization for sustainable development in the East Zangezur economic region.
<https://sdg.bsu.edu.az/news/scientific-seminar-held-assessment-of-the-solar-energy-utilization-potential-in-the-east-zangezur-economic-region>



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Industrial Practice & University-Industry Collaboration





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- ✚ BSU students visited Herba Flora LLC to gain practical experience and apply theoretical knowledge in a real industrial environment.
<https://sdg.bsu.edu.az/news/visit-of-bsu-students-to-herba-flora-llc-for-practical-training>
- ✚ Fourth-year Biology students at BSU are undergoing industrial practice to strengthen their professional skills through real-world laboratory and field experience.
<https://sdg.bsu.edu.az/news/the-4th-year-students-of-the-faculty-of-biology-at-bsu-are-currently-undergoing-industrial-practice>



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- ✚ BSU signed a Memorandum of Understanding with Grand Agro Invitro LLC to enhance cooperation in research, innovation, and industry-based education.
<https://sdg.bsu.edu.az/news/bsu-and-grand-agro-invintro-llc-sign-memorandum-of-understanding>
- ✚ A new specialization in food product expertise and marketing was introduced at BSU to align academic training with industry needs and market demands.
<http://sdg.bsu.edu.az/news/new-specialization-in-food-product-expertise-and-marketing-at-bsu>
- ✚ BSU students were informed about AIESEC activities, promoting international internships, leadership development, and professional networking opportunities.
<http://sdg.bsu.edu.az/news/bsu-students-were-informed-about-the-activities-of-the-international-youth-organization-aiesec-azerbaijan>

- **Green Skills Training & Professional Capacity Building**





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- The session provided advanced knowledge on smart agro-technologies and their application in sustainable agriculture.
<https://sdg.bsu.edu.az/news/the-next-training-of-the-smart-agro-technology-project-has-been-held-at-bsu>
- The seminar focused on digital irrigation systems and their role in efficient water resource management.
<https://sdg.bsu.edu.az/news/scientific-seminar-on-e-irrigation-at-bsu>
- The seminar examined carbon credit markets and emerging opportunities in climate finance.
<https://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-carbon-credit-market-and-potential-opportunities>
- The workshop introduced AI applications in precision agriculture for improving productivity and sustainability.
<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>
- The lecture addressed the impacts of climate change on water resources and adaptation strategies.
<https://sdg.bsu.edu.az/news/chief-engineer-of-adsea-delivers-lecture-at-baku-state-university-on-the-impact-of-climate-change-on-water-resources>
- The seminar presented hydrological modeling techniques for sustainable river basin management.
<https://sdg.bsu.edu.az/news/scientific-seminar-on-modeling-the-hakari-river-at-bsu>



- The masterclass covered renewable energy development and policy implementation strategies.

<https://sdg.bsu.edu.az/news/deputy-director-of-the-state-agency-on-renewable-energy-sources-delivers-a-masterclass-at-bsu>

✓ **Startups & Green Innovation Ecosystem**



- ✓ The initiative provides new opportunities for students to develop innovative startup ideas and strengthen entrepreneurial skills.
<https://sdg.bsu.edu.az/news/a-new-opportunity-for-students-engaged-in-startup-activities>
- ✓ The session introduced students to the “Green and Digital Silk Road” startup acceleration program and its innovation opportunities.
<https://sdg.bsu.edu.az/news/information-session-on-the-international-startup-acceleration-program-green-and-digital-silk-road-at-bsu>
- ✓ The IRRIGO sustainable agriculture project developed by BSU students qualified for the TEKNOFEST 2025 finals with its innovative smart ecosystem solution.



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<https://sdg.bsu.edu.az/news/the-project-irrigo--sustainable-agricultural-ecosystem-which-will-be-established-on-the-bbsu-campus,-will-be-featured-in-the-finals-of-the-teknofest-2025-shc>

✓ **Green Technologies & Sustainable Infrastructure**





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- ✓ The EcoEnergy Station was launched at BSU in partnership with KOBIA to provide renewable energy-based electric vehicle charging on campus.
<https://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus>
- ✓ BSU participated in the EV Charge Show to present its innovative electric vehicle charging and clean energy solutions on an international platform.
[https://sdg.bsu.edu.az/news/baku-state-university-\(bsu\)-participated-in-the-ev-charge-show--a-global-meeting-platform-for-manufacturers-of-electric-vehicle-charging-stations](https://sdg.bsu.edu.az/news/baku-state-university-(bsu)-participated-in-the-ev-charge-show--a-global-meeting-platform-for-manufacturers-of-electric-vehicle-charging-stations)
- ✓ The meeting discussed renewable energy projects and future development perspectives in sustainable energy systems.
<https://sdg.bsu.edu.az/news/informative-meeting-on-renewable-energy-projects-and-future-perspectives>
- ✓ The session provided insights into ongoing renewable energy initiatives and their role in future sustainable development.
<https://sdg.bsu.edu.az/news/informative-meeting-on-renewable-energy-projects-and-future-perspectives>
- ✓ The event highlighted the importance of green economy principles and sustainable development practices at BSU.
<https://sdg.bsu.edu.az/news/an-event-titled-green-economy-held-at-bsu>

SDG Integration & Environmental Research Capacity





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- ✚ The seminar explored the integration of Sustainable Development Goals into educational practices and academic frameworks at BSU.
<http://sdg.bsu.edu.az/news/seminar-at-bsu-utilizing-sustainable-development-goals-in-the-context-of-education>.
- ✚ The joint training focused on strengthening collaboration between BSU and Satbayev University in implementing the SDGs.
<http://sdg.bsu.edu.az/news/bsu-and-satbayev-university-of-kazakhstan-held-a-joint-training-on-the-implementation-of-sdgs>
- ✚ Students conducted research on nanotechnology applications in ensuring environmental safety and sustainability.
<https://sdg.bsu.edu.az/news/bsu-students-conduct-scientific-research-on-nanotechnologies-and-environmental-safety>
- ✚ The conference addressed integrated approaches in earth sciences and ecology for achieving a sustainable future.



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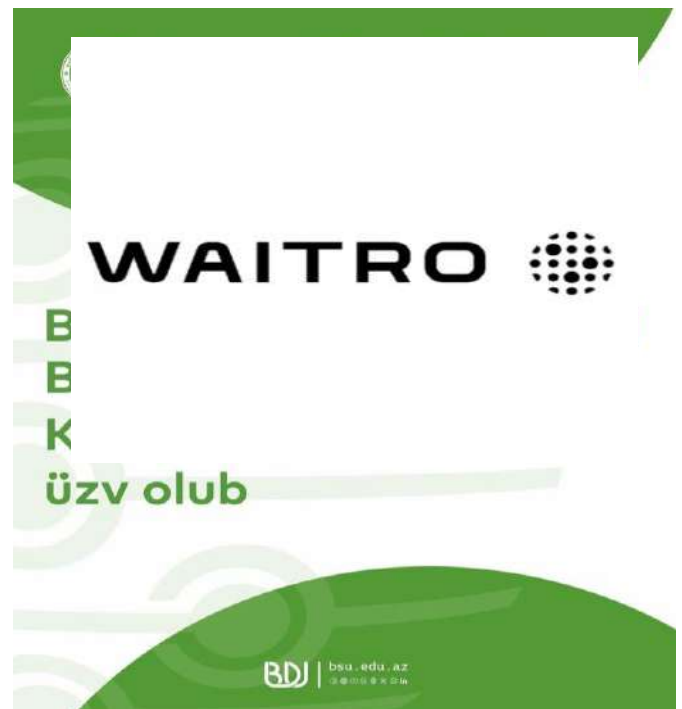


<https://sdg.bsu.edu.az/news/the-1st-international-scientific-conference-on-a-sustainable-future-integrated-development-of-earth-sciences-and-ecology-is-being-held-at-bsu>

- ✚ The activity aimed to increase students' awareness and practical knowledge on environmental protection methods.

<https://sdg.bsu.edu.az/news/bsu-students-learn-ways-to-protect-the-environment>

❖ **Memberships & institutional networks**





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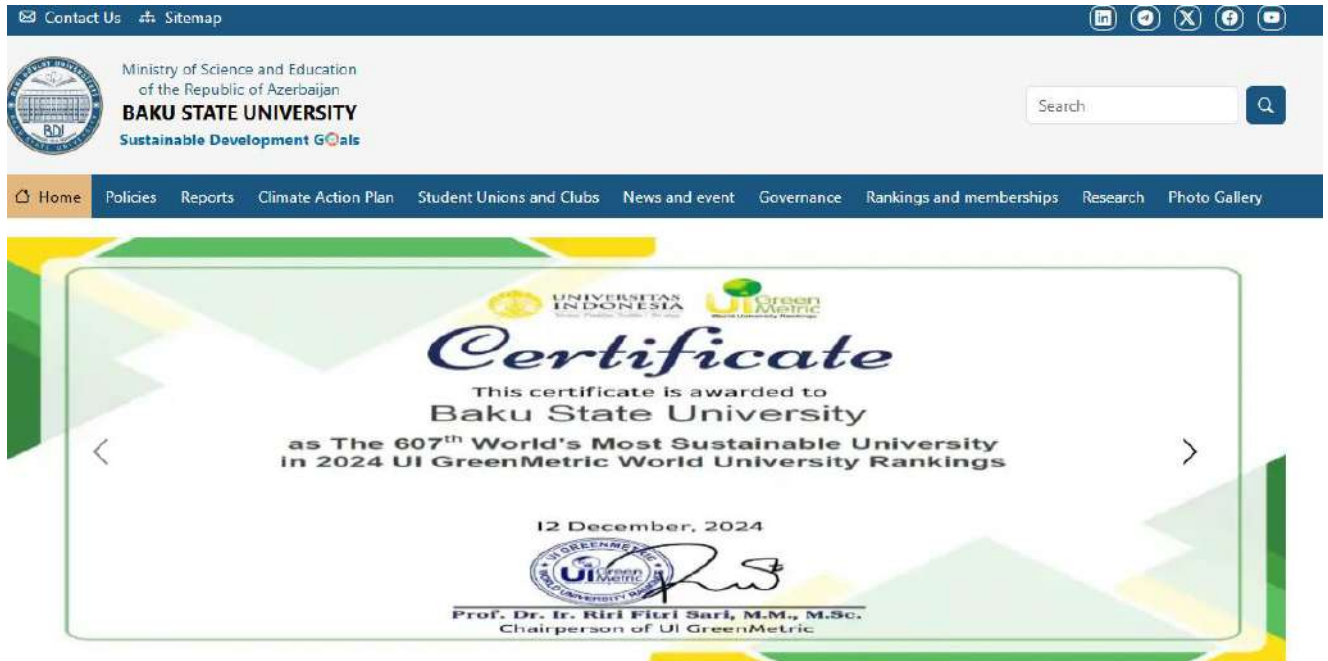
- ❖ BSU has become a member of the CANIE network to strengthen international cooperation in addressing climate change in higher education.
<http://sdg.bsu.edu.az/canie-membership>
- ❖ BSU was selected as a full member of the Global University Network for Innovation to enhance its global academic collaboration and sustainability efforts.
<http://sdg.bsu.edu.az/news/bsu-has-been-selected-as-a-full-member-of-the-global-university-network-for-innovation>
- ❖ BSU joined the International Sustainable Campus Network to support and develop sustainable practices in higher education institutions.
<http://sdg.bsu.edu.az/news/bsu-joins-the-international-sustainable-campus-network>
- ❖ BSU became a member of AASHE to strengthen its commitment to sustainability in higher education through international cooperation.
<http://sdg.bsu.edu.az/aashe-membership>
- ❖ BSU joined the CANIE global academic network to support collaborative efforts in combating climate change.
<http://sdg.bsu.edu.az/news/bsu-has-joined-the-global-academic-network-canie-to-combat-climate-change>
- ❖ BSU became a member of WAITRO to enhance international research and innovation cooperation in science and technology.
<http://sdg.bsu.edu.az/waitro-membership>
- ❖ BSU became a member of the Global University Network for Innovation (GUNI) to strengthen its engagement in international collaboration and sustainable development initiatives in higher education.
<http://sdg.bsu.edu.az/guni-membership>



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➤ **BSU Sustainability Framework, Policies, Reports and Institutional Commitments**



- A mandatory training on environmental sustainability was conducted for BSU staff and students to promote sustainable practices across the university.
<https://sdg.bsu.edu.az/news/dedicated-mandatory-training-on-environmental-sustainability-for-staff-and-students>
- The official SDG portal of BSU provides comprehensive information on the university's sustainability initiatives, activities, and progress.
<http://sdg.bsu.edu.az/>
- This page outlines BSU's institutional policies supporting the implementation of Sustainable Development Goals.
<http://sdg.bsu.edu.az/university-policies>
- The SDG Reports section presents BSU's documented progress and achievements in advancing sustainable development goals.
<https://sdg.bsu.edu.az/sdg-reports>
- The Research Center page highlights BSU's scientific activities and research contributions related to sustainability.
<https://sdg.bsu.edu.az/research-center>
- This page provides a collection of all SDG-related news and activities organized at BSU.
<https://sdg.bsu.edu.az/allnews>
- This section presents BSU's commitment and strategic approach to implementing the Sustainable Development Goals.
<http://sdg.bsu.edu.az/bsu%60s-commitment-to-sdgs>



- The Climate Action Plan outlines BSU's strategies and measures to address climate change and reduce environmental impact.
<http://sdg.bsu.edu.az/climate-action-plan-action>
- The SDG Annual Progress Report 2025 summarizes BSU's yearly achievements and initiatives in sustainability.
<https://sdg.bsu.edu.az/sdg-annual-progress-report-2025>
- This document provides a detailed overview of BSU's 2025 sustainability progress, including data, activities, and outcomes.
<https://sdg.bsu.edu.az/uploads/files/ANNUAL%20PROGRESS%20REPORT%202025.pdf>
- This report highlights BSU's initiatives and contributions to achieving SDG 4 on quality education.
<http://sdg.bsu.edu.az/report-on-sdg-4-quality-education>
- This report outlines BSU's actions and research related to SDG 6 on clean water and sanitation.
<https://sdg.bsu.edu.az/report-on-sdg-6-clean-water-and-sanitation>
- This report presents BSU's efforts toward SDG 7 on affordable and clean energy.
<https://sdg.bsu.edu.az/report-on-sdg-7-affordable-and-clean-energy>
- This report presents Baku State University's policies, programs, research, and partnerships supporting decent work, fair employment, entrepreneurship, skills development, labor rights, and sustainable economic growth in alignment with SDG 8.
<https://sdg.bsu.edu.az/report-on-sdg-8-decent-work-and-economic-growth>
- This report presents Baku State University's policies, research, innovation activities, industry partnerships, and infrastructure initiatives that support sustainable industrialization, technological innovation, entrepreneurship, and resilient infrastructure development in alignment with SDG 9.
<https://sdg.bsu.edu.az/report-on-sdg-9-industry-innovation>
- This report showcases BSU's activities supporting SDG 11 on sustainable cities and communities.
<https://sdg.bsu.edu.az/report-on-sdg-11-sustainable-cities>
- This report details BSU's initiatives and impact related to SDG 13 on climate action.
<https://sdg.bsu.edu.az/report-on-sdg-13-climate-action>
- This report presents Baku State University's policies, practices, research, and community initiatives promoting responsible consumption and production, including sustainable procurement, waste reduction, recycling, resource efficiency, and environmental awareness aligned with SDG 12
<https://sdg.bsu.edu.az/report-on-sdg-12>
- This report highlights BSU's contributions to SDG 15 on protecting terrestrial ecosystems and biodiversity.
<https://sdg.bsu.edu.az/report-on-sdg-15-life-on-land>
- This report presents BSU's collaborations and partnerships with national and international institutions to support the implementation of the Sustainable Development Goals.
<https://sdg.bsu.edu.az/report-on-sdg-17-partnership-for-the-goals>