



## UI GreenMetric Questionnaire

University : Baku State University  
Country : Azerbaijan  
Web Address : <https://bdu.info.az/en>  
SDG focused Web Adress: <https://sdg.bsu.edu.az/>

### [5] Transportation (TR)

#### [5.13] Ratio of Parking Area to Total Campus Area (TR.5)





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INDICATOR	PROVIDED DATA	FORMULA / METHODOLOGY	CALCULATED RATIO / INTERPRETATION
<b>AVERAGE NUMBER OF ZERO EMISSION VEHICLES (ZEV) ON CAMPUS PER DAY</b>	145 vehicles	Formula: ((5.10) / (1.11 + 1.13))	Ratio = Total ZEV ÷ Total Campus Population
<b>ZEV PERFORMANCE CATEGORY</b>	Based on formula	Benchmark Range	> 0.008 – 0.02
<b>GROUND PARKING AREA (M<sup>2</sup>)</b>	1,434 m <sup>2</sup>	Formula: ((5.12 / 1.5) × 100%)	Ratio = Parking Area ÷ Total Campus Area
<b>PARKING AREA PERFORMANCE CATEGORY</b>	Based on formula	Benchmark Range	< 1%

**Description:**

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

*For more details please see:*

- > <http://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus>

An EcoEnergy Station for charging electric vehicles using renewable energy sources has been inaugurated at Baku State University through cooperation with KOBIA. The station operates on solar and wind energy and is designed to provide clean, low-carbon energy for electric mobility within the university campus.

The project supports innovation in green energy, contributes to carbon emission reduction, and is also integrated into the university’s educational process. It reflects broader national priorities on green economy and sustainable development, while also aligning with UN Sustainable Development Goals.

*For more details please see:*

- > <https://www.youtube.com/watch?v=Oz3j8mRqjjE>

A partnership between Baku State University and KOBIA has led to the launch of an EcoEnergy charging station on the university campus. The inauguration ceremony was attended by university leadership, KOBIA representatives, and academic staff.

The facility is designed to supply electric vehicle charging through renewable energy sources, particularly wind-based electricity, with the aim of lowering carbon emissions and supporting environmentally responsible energy use within the campus environment.



***For more details please see:***

- <http://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-on-climate-change>

A scientific seminar entitled “*Prospects of the Framework Convention on Climate Change in Azerbaijan*” was organized at the Faculty of Biology of Baku State University. The session addressed key drivers of climate change, with a particular focus on rising carbon emissions, environmental degradation, and global warming impacts on public health.

Speakers highlighted the importance of transitioning toward a green economy, expanding renewable energy initiatives, and strengthening environmental awareness at the community level. The role of the UN Framework Convention on Climate Change was emphasized, alongside Azerbaijan’s preparations to host COP29 and the declaration of 2024 as the “Year of Solidarity for the Green World.”

Discussions also underlined Azerbaijan’s renewable energy potential and the broader significance of integrating sustainable development policies into national planning, particularly in the context of economic transformation and environmental investment.

***For more details please see:***

- <http://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-carbon-credit-market-and-potential-opportunities>

A scientific seminar titled “*Carbon Credit Market and Potential Opportunities*” was organized by the Nano-Research Scientific Laboratory under the Center for Excellence in Research, Development and Innovation at Baku State University. The event featured presentations by researchers Kim Jiseok and Orkhan Gulahmadov, focusing on global climate challenges and emerging economic mechanisms for emissions reduction.

The discussions highlighted the growing impact of greenhouse gas emissions, particularly CO<sub>2</sub>, on ecosystems, public health, and economic stability. Attention was given to the carbon credit system, its operational principles, and international practices in regions such as the European Union, Japan, Canada, and South Korea, along with technical frameworks used for measuring emission reductions.

Speakers also emphasized the post-COP29 context in Azerbaijan, where carbon regulation and carbon taxation are becoming increasingly relevant policy directions. The seminar underlined the importance of strengthening scientific capacity, industry collaboration, and public awareness in developing a national carbon credit market.

***For more details please see:***

- <http://sdg.bsu.edu.az/news/dedicated-lanes-for-bicycles-and-small-electric-vehicles-at-the-main-entrance-of-bsu>

Dedicated lanes for bicycles and small electric vehicles have been established at the main entrance of Baku State University, along with secure parking facilities for bicycles. The initiative



was implemented within the framework of a state program aimed at improving transport infrastructure in Baku and surrounding areas.

The project focuses on facilitating short-distance urban travel through micromobility options such as bicycles and electric scooters, while reducing reliance on private cars and helping to ease traffic congestion in the city.

At the same time, it contributes to creating a safer and more environmentally friendly mobility environment on campus, encouraging the use of low-emission transport alternatives within the university setting.

***For more details please see:***

- <http://sdg.bsu.edu.az/news/bsu-presents-results-of-active-biomonitoring-of-atmospheric-air-in-baku-and-absheron>

A scientific seminar was held at the Faculty of Ecology and Soil Science of Baku State University, where PhD researcher Orkhan Hajiyev presented the results of his dissertation on active biomonitoring of atmospheric air in Baku and the Absheron Peninsula using moss transplants (*Sphagnum girgensohnii*).

The study assessed air quality at 21 monitoring sites exposed to industrial and transport-related emissions. After a 12-week exposure period, samples were analyzed using advanced laboratory techniques, revealing elevated levels of several chemical elements and pollutants, including toxic metals and polycyclic aromatic hydrocarbons (PAHs), particularly in industrial zones.

The results indicated that major sources of air pollution in the region include petroleum and gas extraction, metallurgical and chemical industries, as well as emissions generated by transport activities.

The research provides an updated picture of atmospheric pollution in the Absheron area and highlights the value of biomonitoring methods for future environmental assessment and monitoring programs.

***For more details please see:***

- <http://sdg.bsu.edu.az/news/field-training-at-bsus-guba-education-and-recreation-center-has-begun>

Field training has been launched for students of the Faculties of Geography, Ecology, and Soil Science at Baku State University, who traveled by organized bus transport to the university's Quba Education and Recreation Center.

A total of 218 students are participating in the program, accompanied by faculty deans and supervisors. The training also includes academic lectures delivered by visiting experts, such as Professor Hashem Elkassas from Ain Shams University.

The activity provides students with practical field experience alongside structured academic instruction in an external learning environment.

***For more details please see:***



- <http://sdg.bsu.edu.az/news/bsu-faculty-of-ecology-and-soil-science-students-conduct-field-training-in-shamakhi-and-gobustan>

Fourth-year students of the Ecology, Soil Science and Agrochemistry, and Land Management and Real Estate Cadastre programs at the Faculty of Ecology and Soil Science of Baku State University took part in a field training program in the Shamakhi and Gobustan districts.

During the training, students examined soil–landscape complexes, agricultural systems, and environmental conditions across different geographic zones. Practical work included digging soil pits in mountain forest-brown soils in the Pirgulu area and conducting studies at the Gobustan Regional Experimental Station.

Field measurements were also carried out in various landscapes, including air quality indicators (ozone and ammonia), noise levels near roads, soil and water pH, and radiation monitoring using portable devices.

***For more details please see:***

- <http://sdg.bsu.edu.az/news/field-training-programs-commence-at-bsu>

Final-year undergraduate students from the Faculties of Geography, Ecology and Soil Science, and Biology at Baku State University have started their field training program covering Quba, Shamakhi, Gabala, and Lankaran regions.

Within the program, students study a wide range of regional characteristics, including physical and economic geography, hydrometeorological conditions, tourism and recreation potential, as well as population distribution, landscape structure, water resources, soil types, and vegetation cover.

From May 27, students of the Faculty of History will also join field-based training at several cultural and scientific sites, including archaeological centers, historical reserves, memorial complexes, and museums across different regions.

***For more details please see:***

- <http://sdg.bsu.edu.az/news/history-faculty-students-complete-internship-program>

Students of the Faculty of History at Baku State University completed a four-day internship program from May 10 to 13, visiting key historical and archaeological sites across Azerbaijan.

The training included field visits to the Gobustan National Historical-Artistic Reserve, the Quba Genocide Memorial Complex, the S. A. Shirvani Shamakhi Museum of History and Local Lore, and the Gabala Archaeological Center.

A total of 231 students from History and History Teaching programs, including SABAH groups, participated under academic supervision. The internship provided practical exposure to Azerbaijan's archaeological, ethnographic, and historical heritage through on-site learning activities.

***For more details please see:***



- <http://sdg.bsu.edu.az/news/bsu-biology-faculty-students-participate-in-field-practice-in-lankaran,-guba,-and-shamakhi>

Fourth-year students of the Faculty of Biology at Baku State University took part in a field practice program across Lankaran, Guba, and Shamakhi regions.

The training covered field studies in areas such as Gizilaghaj State Reserve and Hirkan National Park, where students conducted biodiversity observations, recorded vertebrate and invertebrate species, and collected plant samples for further analysis and herbarium preparation.

Fieldwork also included ecosystem studies in Guba and Shamakhi, focusing on mountain-forest, meadow, and river environments, as well as vegetation analysis and biological sampling along different ecological zones.

***For more details please see:***

- <http://sdg.bsu.edu.az/bsu%60s-commitment-to-sdgs>

Baku State University plays an active role in advancing the Sustainable Development Goals (SDGs) through research, education, and multi-stakeholder collaboration. The university focuses on addressing key environmental and social challenges such as climate change, carbon emissions, and green energy transition.

It integrates SDG principles into its academic programs and contributes to policy development through cooperation with government bodies, NGOs, and international organizations. BSU also implements practical initiatives such as the ECOLEAD project, EcoEnergy station, SDG reporting platforms, and environmental pilot studies, while participating in global forums including COP29.

The university's activities span the full SDG cycle—from identifying problems and developing strategies to monitoring outcomes and supporting adaptive management through evidence-based research and partnerships.

***For more details please see:***

- <http://sdg.bsu.edu.az/climate-action-plan-action>

Baku State University has adopted a Climate Action Plan (2023–2030) with the goal of achieving carbon neutrality by 2030. The plan focuses on reducing Scope 1 and Scope 2 emissions through energy efficiency improvements, infrastructure modernization, renewable energy integration, and sustainable procurement practices.

Additional measures include applying the 3R principle, enhancing sustainability awareness among the university community, and strengthening emissions monitoring and reporting systems. The strategy is aligned with national climate commitments and the UN Sustainable Development Goals, particularly SDG 13 (Climate Action).

***For more details please see:***

- <http://sdg.bsu.edu.az/report-on-sdg-13-climate-action>



Baku State University demonstrates a strong institutional commitment to SDG 13 (Climate Action) through emissions reduction initiatives, climate-focused education, and applied research activities. The university sets measurable greenhouse gas reduction targets and monitors progress through transparent evaluation systems.

Climate change education is integrated across disciplines, with dedicated courses and programs in environmental science, policy, law, and related fields that award officially recognized qualifications. BSU also develops specialized training and participates in international projects such as Erasmus+ initiatives on climate adaptation.

In addition, the university conducts research on flood protection, early warning systems, and disaster risk reduction, while collaborating with national and international partners to align its academic and policy contributions with global climate goals.

***For more details please see:***

- <http://sdg.bsu.edu.az/report-on-sdg-17-partnership-for-the-goals>

Baku State University contributes actively to SDG 17 (Partnership for the Goals) by strengthening collaboration between academia, industry, and government within Azerbaijan's national development framework, including "Azerbaijan 2030" and the 2022–2026 socio-economic strategy.

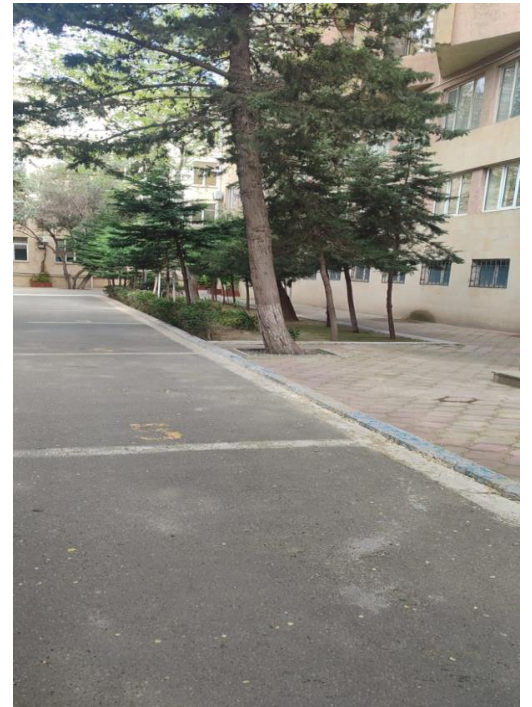
The University has established a Center of Excellence for Research, Development, and Innovation, equipped with modern laboratories and advanced technologies to support interdisciplinary research, innovation, and commercialization of scientific results. This infrastructure also supports the training of master's and PhD students directly within research environments.

BSU further promotes open access to its research facilities for other universities and scientific institutions, fostering national and international cooperation. Through these initiatives, the University enhances joint research capacity, supports knowledge exchange, and strengthens its role in global scientific partnerships.





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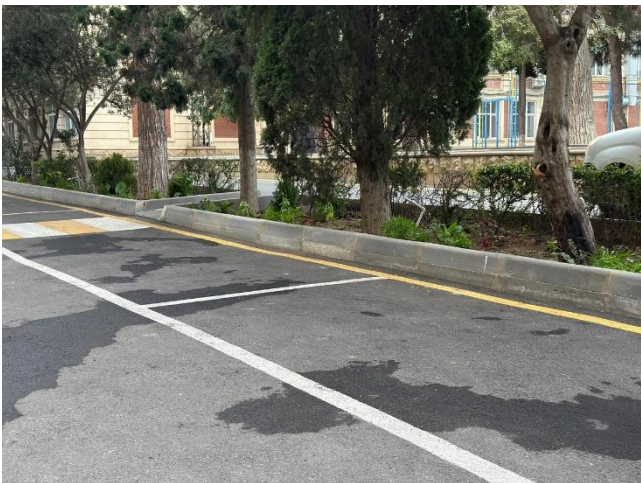


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20. <http://sdg.bsu.edu.az/report-on-sdg-17-partnership-for-the-goals>