



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)

[6.10] Ratio of scholarly publications on sustainability to lecturers and researchers on campus in one year period (ED.3)

<i>Faculty</i>	<i>Number of Lecturers & Researchers</i>	<i>Scholarly Publications on Sustainability</i>
<i>Ecology</i>	50	181
<i>Biology</i>	61	221
<i>International Relations & Economics</i>	84	304
<i>Physics</i>	57	206
<i>Chemistry</i>	55	199
<i>History</i>	66	239
<i>Law</i>	76	275
<i>Philology</i>	71	257
<i>Oriental Studies</i>	38	138
<i>Geography</i>	45	163
<i>Journalism</i>	48	174
<i>Document Management</i>	31	112
<i>Geology & Soil Sciences</i>	57	206
<i>Applied Mathematics</i>	35	127
<i>Mechanics & Mathematics</i>	29	105
<i>Social Sciences & Psychology</i>	55	167
<i>Other Research Institutes & Interdisciplinary Research Centers</i>	107	800
<i>Total</i>	965	3,474

Number of Lecturers & Researchers	965
Scholarly publications focused on sustainability	3474
Ratio of scholarly publications on sustainability to lecturers and researchers on campus in one year period	3474/965 = 3.6



Sustainability-related scholarly publications produced by Baku State University (BSU) during a one-year reporting period. It demonstrates the University's strong research capacity and its commitment to generating scientific knowledge that contributes to environmental sustainability, social development, economic resilience, and the achievement of the United Nations Sustainable Development Goals (SDGs).

During the reporting period, BSU's 965 lecturers and researchers produced a total of 3,474 sustainability-related scholarly publications, including peer-reviewed journal articles, conference proceedings, books, book chapters, technical reports, policy papers, and other academic outputs. These publications span a wide range of disciplines and reflect the University's interdisciplinary approach to sustainability research.

The Faculty of International Relations & Economics is among the leading contributors, producing 304 publications that address topics such as sustainable economic development, international cooperation, governance, public policy, and sustainable finance. The Faculty of Law contributed 275 publications, focusing on environmental law, human rights, sustainable governance, climate policy, and legal frameworks supporting sustainable development. The Faculty of Philology produced 257 publications, examining sustainability through language, culture, education, communication, and social development perspectives.

The natural science faculties also make significant contributions. The Faculty of History published 239 scholarly works, while the Faculty of Biology produced 221 publications related to biodiversity, ecosystem conservation, genetics, and environmental sciences. The Faculties of Physics and Geology & Soil Sciences each generated 206 publications, supporting research in renewable energy, environmental monitoring, geosciences, climate systems, and natural resource management. The Faculty of Chemistry contributed 199 publications, emphasizing green chemistry, environmental analysis, pollution control, and sustainable materials.

Additional contributions came from the Faculty of Ecology (181 publications), Journalism (174), Social Sciences & Psychology (167), Geography (163), Oriental Studies (138), Applied Mathematics (127), Document Management (112), and Mechanics & Mathematics (105). These publications cover diverse themes including environmental education, sustainable communication, geographic information systems, disaster risk reduction, digital sustainability, data analytics, and mathematical modelling for sustainable development.

Beyond the academic faculties, Other Research Institutes and Interdisciplinary Research Centers produced 800 sustainability-related publications, representing the largest institutional contribution. These research units undertake multidisciplinary projects involving climate change adaptation, environmental technologies, biodiversity conservation, renewable energy, sustainable agriculture, public health, artificial intelligence for sustainability, water resource management, and innovation aligned with national priorities and international sustainability agendas.

Overall, the production of 3,474 sustainability-related scholarly publications within a single year demonstrates BSU's robust research ecosystem and its strategic investment in interdisciplinary research. The broad participation of faculties across the natural sciences, engineering, social sciences, humanities, and specialized research institutes highlights that sustainability is embedded throughout the University's research mission rather than being confined to a single discipline. This extensive scholarly output strengthens BSU's national and international research profile while contributing evidence-based solutions to global sustainability challenges and supporting progress toward the Sustainable Development Goals (SDGs).



Baku State University

23 Z. Khalilov Street, Baku, Azerbaijan 60071969

12,881

Documents

2,068

Authors

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Documents Structure Collaborators Sustainable Development Goals

New: See at one glance Sustainable Development Goals mapped to this organisation

Sustainable Development Goals (SDGs) are specific research areas that are helping to solve real-world problems. Elsevier data science teams have built extensive keyword queries, supplemented with machine learning, to map documents to SDGs with very high precision. Times Higher Education (THE) is using Elsevier SDG data mapping as part of its Impact Rankings. [More about SDGs](#)

SDG contributions

Goal 1: No poverty	13 documents	Goal 10: Reduced inequalities	55 documents
Goal 2: Zero hunger	76 documents	Goal 11: Sustainable cities and communities	41 documents
Goal 3: Good health and well-being	243 documents	Goal 12: Responsible consumption and production	57 documents
Goal 4: Quality education	33 documents	Goal 13: Climate action	63 documents
Goal 5: Gender equality	18 documents	Goal 14: Life below water	49 documents
Goal 6: Clean water and sanitation	85 documents	Goal 15: Life on land	34 documents
Goal 7: Affordable and clean energy	262 documents	Goal 16: Peace, justice and strong institutions	71 documents
Goal 8: Decent work and economic growth	97 documents	Goal 17: Partnership for the goals	78 documents
Goal 9: Industry, innovation and infrastructure	117 documents		

<https://www.scopus.com/pages/organization/60071969#tab=sdgs>

scholarly publications on sustainability (Baku State University)



Research



Research on SDG 1



Research on SDG 2



Research on SDG 3



Research on SDG 4



Research on SDG 5



Research on SDG 6



Research on SDG 7



Research on SDG 8



Research on SDG 9



Research on SDG 10



Research on SDG 11



Research on SDG 12



Research on SDG 13



Research on SDG 14



Research on SDG 15



Research on SDG 16



Research on SDG 17

<http://sdg.bsu.edu.az/research>



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

- Provides access to sustainability-related publications of Baku State University indexed in the Scopus database.
<https://www.scopus.com/pages/organization/60071969#tab=sdgs>
- Displays Google Scholar search results reflecting BSU's scholarly output on sustainability and green research.
https://scholar.google.com/scholar?as_ylo=2020&q=%22Baku+State+University%22+%26+green+%26sustainability&hl=ru&as_sdt=0,5
- Presents a scholarly article published by BSU faculty in an international scientific journal on sustainability.
<https://sdg.bsu.edu.az/news/faculty-members-article-published-in-an-international-scientific-journal>
- Highlights a co-authored research article by a biology faculty member published in a prestigious international journal.
<https://sdg.bsu.edu.az/news/article-co-authored-by-a-faculty-of-biology-scientist-published-in-prestigious-science-journal>
- Showcases a high-impact (Q2) international publication by BSU physics researchers.
[https://sdg.bsu.edu.az/news/new-article-by-faculty-of-physics-staff-published-in-high-impact-\(q2\)-international-journal](https://sdg.bsu.edu.az/news/new-article-by-faculty-of-physics-staff-published-in-high-impact-(q2)-international-journal)
- Introduces a methodology for calculating biomass and carbon sequestration potential in forest ecosystems.
<https://sdg.bsu.edu.az/news/methodology-for-calculating-biomass-and-carbon-sequestration-potential-in-azerbaijan-forests-brochure-published-by-bsu-staff>
- Describes a study on the natural vegetation of the Caspian coastal region.
<https://sdg.bsu.edu.az/news/study-of-the-natural-vegetation-of-the-caspian-coast-underway-at-bsu>
- Examines hydrometeorological impacts on 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>
- Highlights student-led research on nanotechnology and environmental safety.
<https://sdg.bsu.edu.az/news/bsu-students-conduct-scientific-research-on-nanotechnologies-and-environmental-safety>
- Presents an ecological assessment of the Hekerichay reservoir.
<https://sdg.bsu.edu.az/news/an-assessment-of-the-ecological-situation-in-the-hekerichay-reservoir-was-conducted-at-bsu>
- Describes air pollution biomonitoring research conducted in Baku and the Absheron Peninsula.
<https://sdg.bsu.edu.az/news/air-pollution-biomonitoring-is-being-conducted-in-baku-city-and-the-absheron-peninsula-at-bsu>
- Presents results of atmospheric air biomonitoring in Baku and Absheron.
<https://sdg.bsu.edu.az/news/bsu-presents-results-of-active-biomonitoring-of-atmospheric-air-in-baku-and-absheron>
- Highlights research on phytohormones in cotton genotypes.

<https://sdg.bsu.edu.az/news/research-on-the-role-of-phytohormones-in-cotton-genotypes-conducted-at-bsu>

- Examines socio-economic and demographic development challenges in Azerbaijani cities.
<https://sdg.bsu.edu.az/news/socio-economic-and-demographic-development-challenges-of-azerbaijani-cities-studied-at-bsu>

FAKÜLTƏMİZİN ƏMƏKDAŞININ MƏQALƏSİ SCOPUS BAZASINDA İNDEKSLƏNƏN JURNALDA DƏRC OLUNDU!

Diplomatiya və müasir inteqrasiya prosesləri kafedrasının müəllimi, siyasi elmlər üzrə fəlsəfə doktoru **Gülgün Quliyevanın** "Geostrategic Analysis of the Zangezur Corridor's Potential Commercial and Logistic Impacts on the Region" adlı məqaləsi SCOPUS bazasında indeksləşən Çexiyanın nüfuzlu "European Political and Law Discourse" jurnalında dərc olunub.



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və iqtisadiyyat fakültəsi



Journal of Thermoplastic Composite Materials



Impact Factor: 3.4 / 5-Year Impact Factor: 3.5

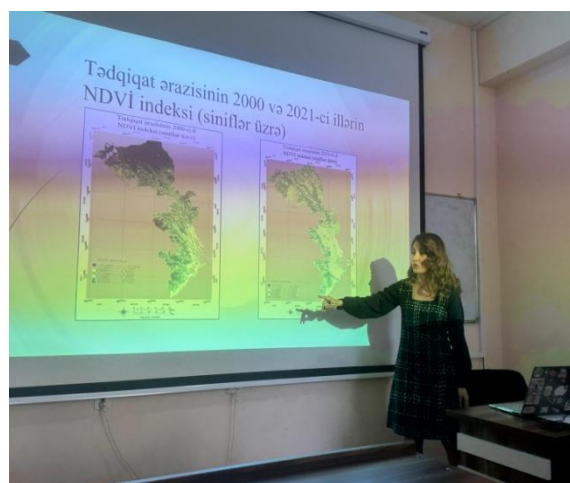
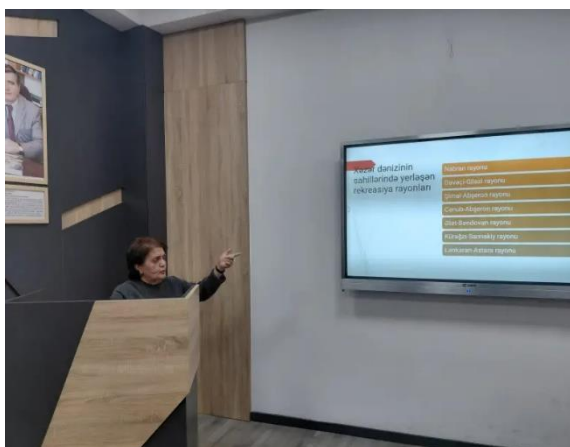
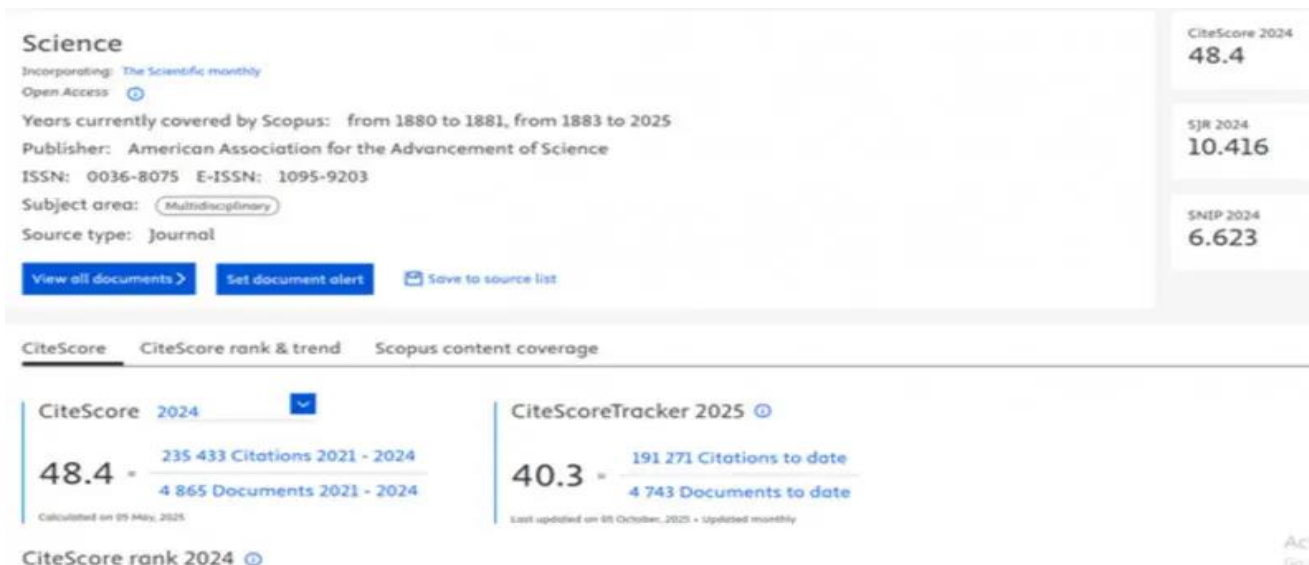
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Preparation, characterization and thermal properties of the PS+Si based polymer nanocomposites

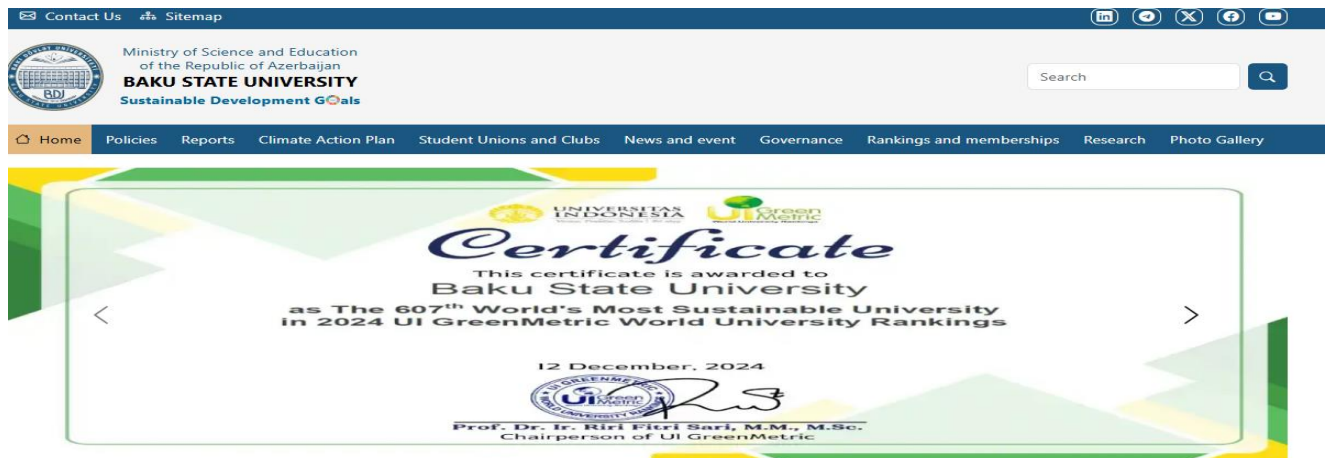
[HA Shirinova](#), [AE Surkhayli](#), [L. J.](#), and [LR Gahramanli](#) [View all authors and affiliations](#)

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➤ BSU Sustainability Framework, Policies, Reports and Institutional Commitments



- The official SDG portal of BSU provides comprehensive information on the university's sustainability initiatives, activities, and progress.
<http://sdg.bsu.edu.az/>
- 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>
- 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>
- Research supports poverty reduction, social inclusion, and sustainable livelihoods through multidisciplinary studies addressing socioeconomic challenges.
<https://sdg.bsu.edu.az/research-on-sdg-1>
- Research advances food security, sustainable agriculture, and resilient food systems through scientific and applied studies.
<https://sdg.bsu.edu.az/research-on-sdg-2>
- Research contributes to public health, disease prevention, and well-being through interdisciplinary health and environmental studies.
<https://sdg.bsu.edu.az/research-on-sdg-3>
- Research promotes quality education through studies on inclusive learning, educational innovation, and human capital development.
<https://sdg.bsu.edu.az/research-on-sdg-4>
- Research supports gender equality through studies addressing inclusion, equal opportunities, and gender-responsive development.
<https://sdg.bsu.edu.az/research-on-sdg-5>



- Research advances sustainable water management, water quality, and sanitation through scientific and policy-oriented studies.
<https://sdg.bsu.edu.az/research-on-sdg-6>
- Research promotes renewable energy, energy efficiency, and clean technology innovation for sustainable energy development.
<https://sdg.bsu.edu.az/research-on-sdg-7>
- Research supports decent work, entrepreneurship, and inclusive economic growth through labor, innovation, and development studies.
<https://sdg.bsu.edu.az/research-on-sdg-8>
- Research advances industry, innovation, and resilient infrastructure through technological research and applied innovation studies.
<https://sdg.bsu.edu.az/research-on-sdg-9>
- Research contributes to reducing inequalities through studies focused on social equity, inclusion, and balanced development.
<https://sdg.bsu.edu.az/research-on-sdg-10>
- Research supports sustainable urban development through studies on resilient cities, infrastructure, and environmental planning.
<https://sdg.bsu.edu.az/research-on-sdg-11>
- Research promotes responsible consumption and production through studies on resource efficiency, circular practices, and sustainability solutions.
<https://sdg.bsu.edu.az/research-on-sdg-12>
- Research advances climate action through studies on mitigation, adaptation, and environmental sustainability.
<https://sdg.bsu.edu.az/research-on-sdg-13>
- Research contributes to marine ecosystem protection, aquatic biodiversity, and sustainable water resource management.
<https://sdg.bsu.edu.az/research-on-sdg-14>
- Research supports biodiversity conservation, land restoration, and sustainable ecosystem management.
<https://sdg.bsu.edu.az/research-on-sdg-15>
- Research promotes peace, justice, and strong institutions through legal, governance, and human rights studies.
<https://sdg.bsu.edu.az/research-on-sdg-16>
- Research strengthens partnerships for sustainable development through international collaboration, innovation, and policy-oriented studies.
<https://sdg.bsu.edu.az/research-on-sdg-17>
- 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 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>

❖ **Memberships & institutional networks**

- ❖ 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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