



SAMARKAND STATE UNIVERSITY NAMED AFTER SHAROF RASHIDOV
(SAMDU)

SUSTAINABLE DEVELOPMENT GOAL 17
(SDG 17)



Sustainable Development Goal 17 (SDG 17) emphasizes on stimulating global partnerships to achieve sustainable development goals by 2030. Recognizing that no organization can achieve these goals alone, SDG 17 emphasizes building stronger global cooperation to address global challenges, including poverty, inequality, climate change, and environmental degradation.

In order to collaborate with different organizations, key areas are identified under SDG 17 include:

Technology: Promoting the transfer of environmentally sound technologies to developing countries on favorable terms and fostering innovation through collaborations.

Capacity Building: Strengthening national institutions in developing countries to support sustainable initiatives.

Policy and Institutional Coherence: Enhancing policy coordination across governments to achieve more consistent approaches to development challenges.

Data, Monitoring, and Accountability: Improving data collection and monitoring to track progress and ensure accountability for development outcomes.

Further, it is exemplified to providing essential natural resources like food, medicine, biofuels, and other goods, they also assist in the breakdown and removal of trash and pollution, and their coastal ecosystems serve as storm-damage buffers. They serve as the largest carbon sink on Earth as well.

The oceans sustain life on our planet and control the climate system worldwide. With about a million known species living there, it is the largest ecosystem in the world and offers a wealth of unrealized scientific research potential.

The economic, social, and environmental needs of the world's population are still met by the oceans and fisheries. Ocean conservation is extremely important, yet decades of careless exploitation have resulted in an alarming degree of deterioration.

The Republic of Uzbekistan is located in an arid climate zone. The country experiences severe winters from November to March. The temperature ranges from -23 to 48 degrees Celsius. The Republic of Uzbekistan is a landlocked country. It means the country does not share its boundary with any ocean. However, the country has many rivers and lakes viz., Amu Darya, Zarafshan River, and Aydurkul lake, and many more.

Metrics

17.2.1 - Does your university have direct involvement in, or input into, national government or regional nongovernment organisations SDG policy development - including identifying problems and challenges, developing policies and strategies, modelling likely futures with and without interventions, monitoring and reporting on interventions, and enabling adaptive management?

Samarkand State University is involved in national or regional sustainable development (SDG) in policy-making in several significant ways. Samarkand State University provides direct support to governments and NGOs by conducting research that identifies key challenges, developing evidence-based policy recommendations, and modeling possible future scenario both with and without policy interventions. University run many SDG related programs and projects and offer expert guidance for adaptive management.

In order to implement the agenda of the Republic of Uzbekistan on sustainable development goals, the university organizes regularly events and meetings to discuss the core challenges and issues, pertaining to the SDGs. In addition, Samarkand State University implements all sustainable goals in all developmental and other activities across the campuses.

Samarkand State University partners with government and non-governmental organizations in SDG planning by:

Research and Analysis

Policy Development and Strategy

Modeling and Future Scenarios

Monitoring and Evaluation

Advisory Roles and Adaptive Management

Samarkand State University has many dedicated programs that align with national SDG goals. For example, desertification is a serious threat to the ecosystem in many regions of Uzbekistan. Therefore, many of the faculties are more focused on this issue. Another example is the research on water resources.





17.2.2 - Does your university as a body initiate and participate in cross-sectoral dialogue about the SDGs, e.g. conferences involving government/NGOs?

Samarkand State University proactively organizes cross-sectoral dialogues regarding SDGs, it likely collaborates through conferences, seminars, workshops, and discussions with government agencies, non-governmental organizations, and other institutions. Such events provide new vistas to exchange ideas and notions on different topics for addressing the challenges.

Our discussions are based on:

Policies and their impact

Training and workshops

Collaborative research and data sharing

Public awareness and preaching

Samarkand State University engages in these types of dialogues and demonstrates a commitment to advancing the SDGs by fostering collaboration across various sectors, increasing the impact and reach of sustainable development efforts. To address all aspects of sustainability, including water, energy, climate change, desertification, and food security. For this purpose, different faculties and departments work together with government and non-government organizations to understand the problems and search for solutions.

Transboundary rivers and their ecosystem is under constant threat due to over-exploitation of water. During this discussion, scientists discussed the problems and issues in managing water resources in a sustainable way.



17.2.3 - Does your university as a body participate in international collaboration on gathering or measuring data for the SDGs?

Samarkand State University directly gathers data relevant to several SDGs and has established over 200 Memorandums of Understanding (MoUs) to facilitate the exchange of essential data and research findings, strengthening SDG analysis and decision-making capabilities. These partnerships are built on collaboration, shared goals, and mutual benefits, focusing on advancing each institution's strategic objectives.

As a higher education institution, Samarkand State University leverages its resources and expertise to support partner institutions, providing professional development and employment opportunities for students. Additionally, the university has forged alliances with esteemed universities worldwide to expand international connections and foster global cooperation.

These collaborations are based on the following:

Data collection and sharing

Joint Research Projects

Technology and innovation contributions

Capacity building activities

Training and Teaching





The details of collaboration and cooperation are available:

<https://www.samdu.uz/en/pages/international-cooperation-organizations>

17.2.5 - Does your university as a body collaborate with NGOs to tackle the SDGs through:

Samarkand, the oldest city in Central Asia, is home to Samarkand State University. Over its rich history, the city has been governed by many notable leaders (Like Miroz Ulughbek) and has become a place where diverse ethnicities, cultures, and ethical systems thrive. This cultural diversity is embraced by the city's residents, who maintain positive and harmonious relations. Samarkand is also home to several nonprofit institutions, including Turan Academy, Sabra, and the Republican Center of Social Adaptation of Children. These organizations work in close partnership with the Uzbek government and universities nationwide.

At Samarkand State University, sustainable development is a primary objective, and the university collaborates extensively with cultural, social, and other non-governmental organizations to advance these goals.



17.4.1 - Does your university as a body have a commitment to meaningful education around the SDGs across the university, that is relevant and applicable to all students?

Samarkand State University provides education across a broad array of disciplines aligned with the Sustainable Development Goals (SDGs). Through its various departments, centers, and institutes, the university ensures quality education and training focused on advancing these goals. Currently, Samarkand State University supports student learning through 75 departments and 15 faculties and centers throughout Samarkand, with a strong commitment to progress on all SDGs.

The Department of Physical Geography, within the Faculty of Geography and Ecology, includes a core course titled “Geography and Sustainable Development” in its Bachelor’s curriculum, designed to equip students with critical knowledge on sustainability practices.

Samarkand State University has faculties that are responsible for meaningful education about different SDGs.

1. https://www.samdu.uz/uz/pages/mathematics_faculty
2. https://www.samdu.uz/uz/pages/physics_faculty
3. https://www.samdu.uz/uz/pages/biology_faculty
4. <https://www.samdu.uz/uz/pages/geography-ecology-faculty>
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University is committed to valuable education regarding SDGs in order to input valuable information and technology to solve different social and economic issues.

17.4.2 - Does your university as a body have dedicated courses (full degrees, or electives) that address sustainability and the SDGs?

Samarkand State University is committed to teaching sustainability at many departments and faculties. However, the Faculty of Geography and Ecology, Department of Physical Geography is teaching a course entitled as ‘**Geography and Sustainable Development**’ for undergraduate students in the 7th Semester. Course details are as follows.

Course Name: Geography and Sustainable Development

Course Types: Core

Course Duration: One Semester

Course Available: Bachelor Students

Course Objectives: This course is designed to train and teach students about sustainable utilization, conservation and exploration of natural resources.

Provide link:

<https://www.samdu.uz/upload/content-files/PDF%20Geografiya%20va%20barqaror%20rivojlanish%20Sillabus.pdf>

Many other courses are also taught at the university to teach sustainability. For example, faculty of biology, chemistry, physics, and others.

17.4.3 - Does your university as body have dedicated outreach educational activities for the wider community, which could include alumni, local residents, displaced people?

Samarkand State University provides a number of mandatory and free courses to meet its obligations to its alumni, the larger society, the local populace, and displaced individuals. The institution organizes an annual program to provide regular instruction and mentoring at mahallas for this reason. We also provide these services within university campuses.

The university established dedicated outreach programs for the broader community, targeting various groups. These outreach activities may include public lectures, community workshops, extension programs, and educational events focused on diverse topics like sustainability, career development, and lifelong learning. The primary objective behind such outreach programs is inclusivity and educational accessibility.





17.4.4 - Does your university as a body measure the sustainability literacy of students?

Samarkand State University have developed methods to assess students' understanding of sustainability concepts, which is known as "sustainability literacy." This assessment often involves surveys, quizzes, or formal exams to evaluate how well students comprehend environmental, economic, and social sustainability issues. This process helps the university to understand the effectiveness of its sustainability education programs, pinpoint areas for improvement, and ensure students are gaining the skills needed to address sustainability challenges.

For instance, Samarkand State University also offers a good platform for students to learn about the sustainability practices through engagement in various activities including plantation, cleaning drives, environmental scenarios, saving water resources, and minimizing the use of electricity across the university.





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