

NAKHCHIVAN
STATE
UNIVERSITY

20
24

SDG PROGRESS REPORT

6 CLEAN WATER
AND SANITATION





Introduction

Access to clean water and proper sanitation is not only a fundamental human right but also essential for a healthy, sustainable future. We continued our active commitment to SDG 6: Clean Water and Sanitation by enhancing water infrastructure, raising awareness, and encouraging responsible water use across campus.

Building on past efforts, the university introduced key infrastructure upgrades, expanded educational outreach, and adopted new technologies for better water monitoring and hygiene. These actions were supported by strong participation from students and staff, especially through campus initiatives and global environmental awareness events.

Aligned with SDG Targets 6.1, 6.2, and 6.B, NSU's work in 2024 focused on three core areas:

- Expanding water storage and purification systems
- Improving access to safe and sanitary facilities
- Promoting water-conscious behaviors through education and training

This report highlights NSU's measurable progress toward cleaner water access, smarter usage, and stronger environmental responsibility.

Infrastructure Improvements and Water Supply Management

In 2024, NSU made strategic investments to ensure clean water is accessible, efficiently managed, and sustainably used throughout campus. These upgrades were designed not just to solve immediate needs but to support long-term water resilience.

Key Achievements:

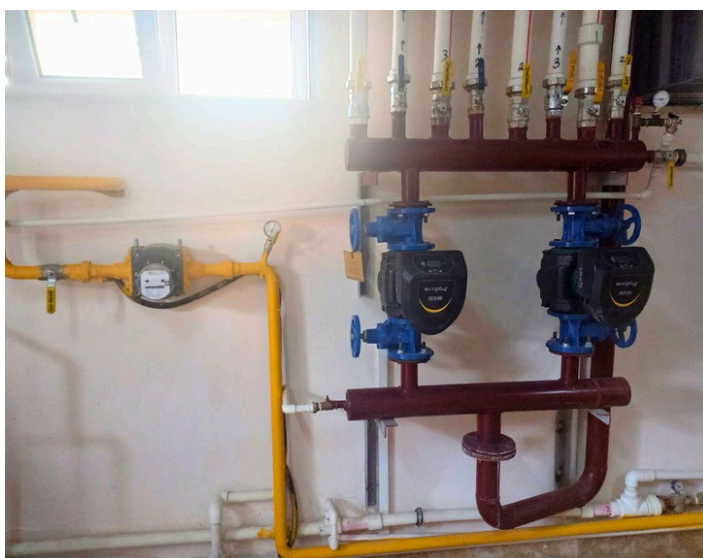
- Three outdated water distribution units were fully replaced with modern filtered systems, improving both water quality and reliability.
- A pilot rainwater harvesting system was launched at one dormitory block, with a 2,000-liter storage capacity — marking a first step toward broader use of sustainable water sources.
- UV-based purification modules were installed at busy campus water points, ensuring safer drinking water where it's most needed.
- Digital monitoring systems for water tanks were introduced, allowing real-time tracking of usage and early detection of leaks.

Through these targeted efforts, NSU is not only upgrading its facilities but also setting an example in sustainable water management for institutions across the region



Water Supply Coverage:

- 100% of academic and administrative buildings now have access to filtered drinking water units
- 95% of student dormitories meet the minimum sanitation standards set by the Ministry of Health
- Total potable water availability increased by an estimated 12% compared to 2023 due to system upgrades



Hygiene and Sanitation Awareness & Training

NSU prioritized hygiene and sanitation education as part of its wider environmental and health awareness strategy. Through collaborative campaigns, training programs, and visual communication tools, the university aimed to strengthen daily hygiene practices and promote long-term public health resilience among students and staff.

Key Activities:

Campus-Wide Hygiene Week: Organized in March in connection with World Water Day (March 22), involving:

- 3 public lectures by health professionals
- Awareness booths across 5 buildings
- Distribution of 600+ printed brochures on proper handwashing and water safety

Workshops for Dormitory Students:

- Practical sessions on bathroom hygiene, laundry practices, and safe water use
- Over 270 students from dormitory blocks participated

Digital Education Materials:

- Hygiene infographics, short videos, and health quizzes shared via NSU's student app and website
- Viewed over 2,500 times in March–April 2024

Partnerships and Outreach:

- Collaboration with the Nakhchivan Public Health Department to align all training with national hygiene standards
- Participation in the UNESCO Water and Sanitation Education Network webinar series
- Joint workshop with local schools on youth hygiene habits

Impact:

- Increased awareness of sustainable sanitation practices
- Improved student engagement in personal and communal hygiene
- Higher demand for eco-friendly cleaning materials across student facilities
- Distribution of 600+ printed brochures on proper handwashing and water safety

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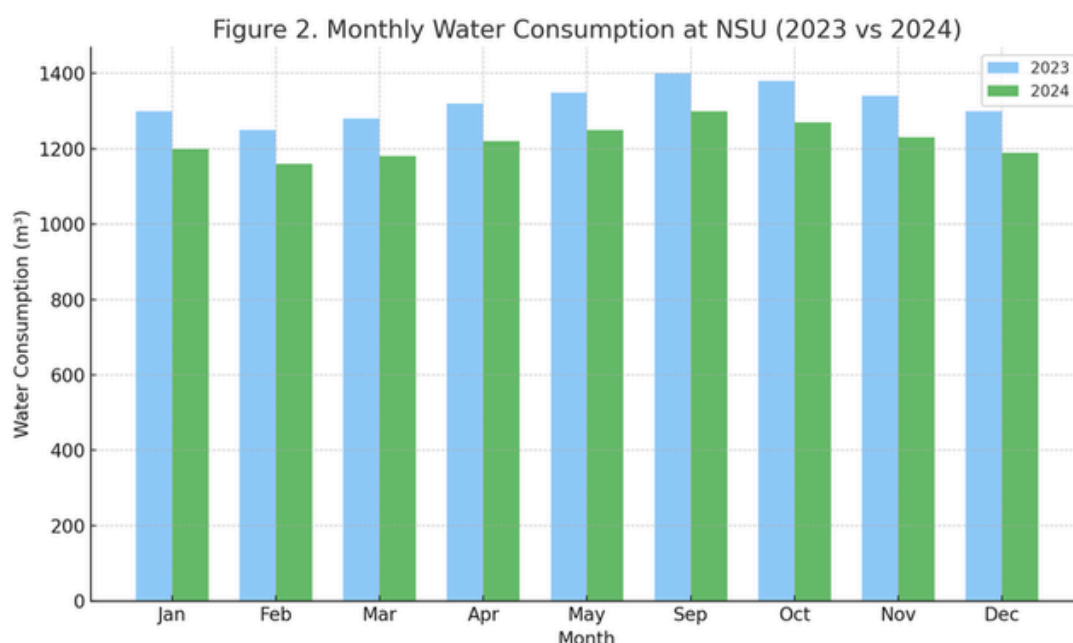
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Priorities for 2025

Building on the achievements of 2024, Nakhchivan State University has set clear and ambitious goals to further advance SDG 6 (Clean Water and Sanitation) in the upcoming year. These priorities aim to strengthen institutional resilience, promote innovation, and extend impact beyond campus boundaries:

- Expand rainwater harvesting systems to cover 3 additional academic and dormitory buildings, optimizing non-potable water use for landscaping and sanitation.
- Develop and institutionalize a “Water Responsibility Charter” to guide all campus users—students, faculty, and staff—in adopting sustainable water practices through clearly defined rights and responsibilities.
- Host a regional workshop on SDG 6 in collaboration with local universities, municipal water authorities, and NGOs, with the aim of sharing best practices and building cross-sectoral partnerships.
- Partner with international donors and public health organizations to co-develop water-sanitation pilot projects, including greywater recycling systems, awareness campaigns, and mobile sanitation units for outreach to rural schools.

Final Statement

By embedding SDG 6 values into its infrastructure, policy frameworks, behavioral guidelines, and educational programming, Nakhchivan State University is setting a comprehensive benchmark for clean water and sanitation within the higher education sector. The integration of advanced technologies, data-informed decision-making, and inclusive community engagement reflects a holistic approach to environmental stewardship.

As environmental pressures—such as water scarcity, climate change, and public health risks—continue to mount globally, NSU remains steadfast in its mission to foster a resilient, water-secure campus. The university’s commitment to innovation, collaboration, and social responsibility ensures that future generations of students not only benefit from sustainable facilities but also become advocates and practitioners of water justice and environmental equity.



NAKCHIVAN DÖVLƏT
UNİVERSİTETİ

START SAVING WATER WITH 6 SIMPLE HABITS



1 Use a bucket when washing vehicles

Switch from a continuously flowing water hose to a water-filled bucket when washing your car or bike



2 Turn off taps when not in use

In your daily routine, always turn off taps when not in use, such as when brushing your teeth or washing dishes



3 Use toilets wisely

When using the toilet, use partial flush for urination or light use and full flush only for heavier use.



4 Collect rainwater

Establish the habit of collecting rainwater by placing containers outside your house, and use this water to irrigate plants around your home.



5 Shorten shower time

Switch from a continuously flowing water hose to a water-filled bucket when washing your car or bike



6 Use efficient garden sprinklers

When using the toilet, use partial flush for urination or light use and full flush only for heavier use.

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