



University : UzSWLU
Country : Uzbekistan
Web Address: <https://www.uzswlu.uz/en>

4 Water

4.1 Water conservation program and implementation

UzSWLU has developed and implemented a comprehensive and measurable Water Conservation Program aligned with the UI GreenMetric Sustainable Campus Framework.

The program's goal is to reduce total water consumption, enhance water use efficiency across all campuses, and raise awareness among students and staff on responsible water management.

The initiative covers all five campuses — Main Campus, Zakovat Campus, Angren Branch, Dormitory Complex, and the Academic Lyceum — and is integrated into the university's broader *"Green Campus and Sustainable Environment Strategy 2021–2025."*

Key Actions and Implementation

1. Infrastructure Audit and Digital Monitoring

In 2024, UzSWLU conducted a full water infrastructure audit to identify system inefficiencies and leakage points.

- The audit was followed by the installation of smart digital water meters connected to an internal monitoring dashboard managed by the Technical Department.
- This system allows real-time data tracking and monthly consumption reports submitted to the university's Green Office.

As of 2025, 92% of total water usage is digitally monitored, covering academic buildings, administrative offices, dormitories, and the cafeteria.

2. Water-Efficient Infrastructure Upgrades

The university has gradually replaced old plumbing systems with modern, water-saving technologies:

- Sensor-activated taps and dual-flush toilets are now installed in 78% of campus restrooms.
- Low-flow showerheads and faucets have been added in student dormitories and sports facilities.
- The Eco-Construction Regulation (Order No. 34/2024) requires all new buildings and renovations to include certified water-efficient fixtures.

Thanks to these upgrades, an estimated 18,000–20,000 liters of water are saved monthly compared to 2023 usage levels.

3. Rainwater Harvesting and Reuse

Since 2023, the university's main administrative building and dormitory complex have operated a **rainwater collection and reuse system**:



- The harvested water (approx. **52 m³/year**) is stored in underground tanks and reused for landscape irrigation and outdoor cleaning.
- A filtration system ensures the water meets non-potable use standards. This has reduced dependence on municipal water for irrigation by **35%**.

4. Leak Detection and Rapid Response

UzSWLU introduced a “Green Hotline” leak reporting system accessible via the internal website and Telegram channel.

- Maintenance teams perform monthly inspections and respond to reports within 24 hours.
- Between January and September 2025, over 40 leaks were repaired immediately, saving an estimated 22,000 liters of water. This initiative is fully integrated into the ICT-based maintenance log system, ensuring transparency and data tracking.

5. Awareness, Education, and Student Engagement

In collaboration with the Ma’naviyat va Ma’rifat Department and Green Office, several campaigns have been held to promote water-saving behavior:

- “Every Drop Counts” Campaign (2024–2025) – posters, workshops, and social media challenges reached over 3,500 students and 420 staff members.
- Student Eco-Video Contest 2025 – 27 student teams participated with creative awareness videos about water use.
- Mandatory sustainability training sessions now include “Water Conservation and SDG 6” as a module for all first-year students.

6. Incentives and Recognition

To encourage behavioral change, departments and dormitories are ranked based on their monthly water efficiency.

- Units achieving the best reductions receive “Eco-Responsible Department” certificates and public recognition at the annual *Sustainable Campus Awards*.
- The 2024 winners achieved up to 31% lower water usage compared to baseline figures.

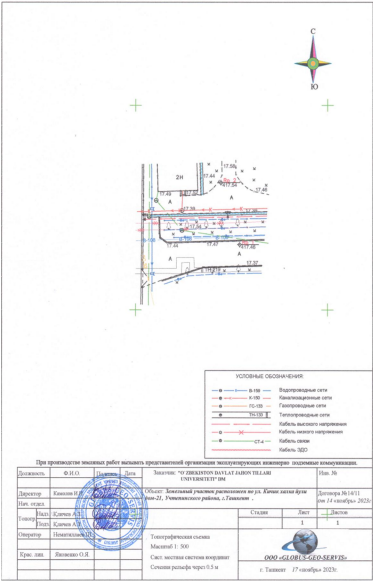
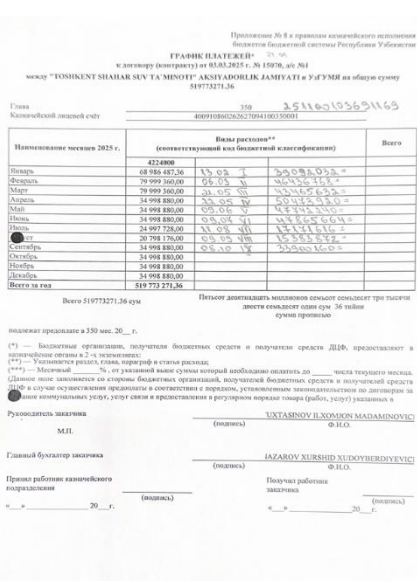
7. Monitoring and Evaluation

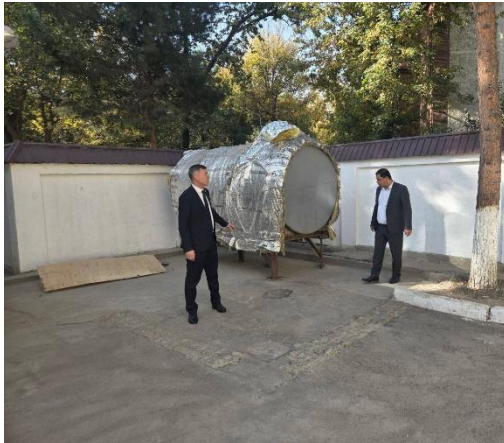
- Monthly water usage data are analyzed by the Technical and Finance Departments, verified by the Green Office, and published in the Annual Sustainability Report (2025 edition).
- The data are benchmarked against 2023–2024 consumption to ensure accountability and continuous improvement.



Results achieved (2024–2025):

Indicator	2023–2024	2024–2025	Improvement
Total water consumption (m ³ /year)	63,800	54,700	14.2%
Leak-related water loss (liters/month)	15,000	11,200	25%
Water-efficient fixtures installed	60%	78%	18%
Rainwater harvested (m ³ /year)	40	52	30%

 SUSTAINABILITY AND CLIMATE ACTION POLICY Date policy approved: September 2021 Date for review of policy: August 2023 Introduction Uzbekistan State World Languages University (UzSWLU) recognizes the importance of sustainability and climate action in creating a better future for our society and the environment. As an educational institution, we have a responsibility to promote sustainable practices and equip our students with the knowledge and skills needed to address global challenges. This policy outlines UzSWLU's commitment to sustainability and climate action, providing a framework for integrating sustainable practices into our operations, curriculum, and campus culture. Objectives The objectives of this policy are to: - Ensure that sustainability and climate action are integrated into all aspects of UzSWLU's operations, curriculum, and community engagement. - Reduce UzSWLU's environmental impact and promote resource efficiency. - Raise awareness and educate the UzSWLU community about sustainability and climate change. - Foster partnerships and collaborations with stakeholders to advance sustainability initiatives. - Continuously improve UzSWLU's sustainability performance and track progress towards sustainability goals. Scope This policy applies to all activities and operations conducted by UzSWLU, including but not limited to campus operations, curriculum development, research, community engagement, and procurement. Principles	UzSWLU Environmental Sustainability Policy Approved: January 2021 Reviewed: March 2023 Introduction: The Uzbekistan State World Languages University (UzSWLU) is committed to promoting environmental sustainability across its campus and associated lands. This policy outlines UzSWLU's dedication to conserving, restoring, and sustainably managing terrestrial ecosystems, including forests, mountains, and drylands, in line with the Sustainable Development Goals (SDGs) and the university's strategic mission. Objectives: The primary objectives of UzSWLU's Environmental Sustainability Policy are to: Conserve the biodiversity and natural resources within and around university lands. Restore degraded ecosystems and natural habitats to their original state. Ensure Sustainable Use of land and resources to promote long-term ecological balance. Scope: This policy applies to all UzSWLU campuses, associated natural lands, and projects undertaken by the university that impact terrestrial ecosystems. Policy Statements: Conservation Initiatives - Conduct regular environmental impact assessments to monitor and reduce harm to ecosystems. - Protect and conserve biodiversity by identifying and preserving native species of plants and animals within university areas. - Develop green spaces within the campus, including tree plantations and eco-friendly landscaping, to promote a balanced ecosystem. Restoration Efforts - Undertake reforestation and afforestation projects, particularly in areas affected by degradation. - Collaborate with local environmental organizations to restore nearby ecosystems and rehabilitate land areas impacted by human activity. - Implement soil conservation and erosion control measures to prevent land degradation, especially in mountainous and dryland areas. Sustainable Use of Land and Resources
UzSWLU Sustainability and Climate Action Policy	UzSWLU Environmental Sustainability Policy
	
Contracts with city water supply	



Rainwater Collection Tanks



Awareness campaign posters and training reports

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

<https://t.me/UzSWLU/38213>