



Baku State University

CLEAN WATER POLICY

SUSTAINABLE DEVELOPMENT GOALS





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INTRODUCTION



At Baku State University, we recognize the critical importance of water as a fundamental resource for sustaining life and supporting our educational mission. Our commitment to environmental stewardship and sustainable practices drives our Clean Water Policy. This policy outlines our approach to managing water resources, treating wastewater, preventing pollution, and promoting conservation efforts across campus and in the broader community.





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1. Wastewater Treatment

We are dedicated to responsible wastewater management to protect water quality and the environment:



Collection and Initial Treatment

- Our campus is equipped with a comprehensive system for collecting wastewater from all university facilities. The initial treatment phase involves the removal of large solids and debris to prevent clogging and damage to our infrastructure.



Primary and Secondary Treatment

- Wastewater undergoes primary treatment to remove larger particles and organic matter. Secondary treatment employs biological processes to further break down organic pollutants, ensuring the water is treated effectively.



Advanced Treatment and Reuse

- Our tertiary treatment processes include advanced filtration and disinfection to meet stringent environmental and health standards. Treated water is either safely disposed of or repurposed for non-potable uses such as irrigation and cooling systems.





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2. PREVENTION OF POLLUTION



To safeguard our water systems from pollution:

Preventative Measures

- We implement robust measures to prevent polluted water from entering our water system, including protocols for managing pollution resulting from accidents and incidents.

Monitoring and Response

- Regular monitoring and maintenance activities help identify and mitigate potential sources of pollution. In case of incidents, immediate response procedures are in place to contain and address any contamination.



3. Provision of Drinking Water

Ensuring access to safe and clean drinking water for our campus community:

Free Drinking Water: We provide free drinking water dispensers across campus. This initiative supports health and hydration for students, staff, and visitors.





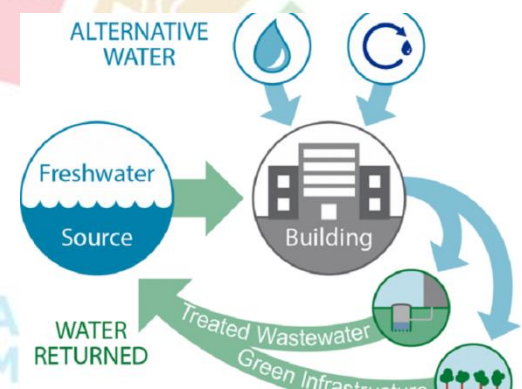
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4. Building Standards for Water Efficiency

- We incorporate water-saving measures into our infrastructure:
- **Sustainable Design:** Our buildings are designed and constructed following recognized standards to minimize water consumption and promote efficiency.



5. Landscaping for Water Efficiency



Our landscaping practices are designed to conserve water:

- **Drought-Tolerant Planting:** We use drought-tolerant and low-water plants in our campus landscaping to reduce the need for irrigation and support sustainable landscaping practices.

6. Water Reuse Policy

Maximizing the reuse of water across our campus:

Policy and Practice: We have established a comprehensive policy to maximize water reuse. This includes systems for capturing and reusing water wherever possible, reducing our overall consumption and environmental impact.

- **Measurement and Monitoring:** We actively measure and track water reuse to ensure our practices are effective and aligned with our conservation goals.





7. Educational Opportunities

We are committed to educating our community about water management:

Community Engagement: We provide educational programs and workshops to local communities, focusing on best practices for water management and conservation.



Community Engagement

8. Promotion of Conscious Water Usage

Promoting responsible water use on campus and beyond:

Awareness Campaigns: We run ongoing campaigns to encourage conscious water usage among students, staff, and the wider community. Our efforts include educational materials, events, and initiatives aimed at fostering a culture of water conservation.





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9. Support for Off-Campus Conservation

Extending our commitment to water conservation outside the university:

Community Support: We support local water conservation initiatives and collaborate with community organizations to promote sustainable water practices in the wider region.



10. Sustainable Water Extraction

- Where applicable, we use sustainable methods for water extraction:
- **Responsible Practices:** In cases where we extract water from, we employ sustainable extraction technologies and practices to ensure minimal environmental impact and preserve water resources.



**Sustainable
Water Usage**



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11. Waste Disposal Policy

BSU ensures the safe and responsible disposal of waste, including hazardous materials, to protect human health and the environment.

Waste Segregation

The university implements a waste segregation system, separating hazardous and non-hazardous waste for proper disposal.

Hazardous Waste Management

BSU adheres to strict guidelines for the storage, handling, and disposal of hazardous materials.

Sustainable Waste Practices

The university promotes recycling, composting, and other sustainable waste management practices.



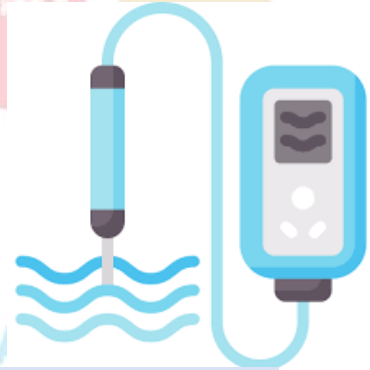


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12. Water Quality Standards and Guidelines

Baku State University (BSU) is dedicated to maintaining high water quality standards to protect ecosystems, wildlife, and human health. Our key initiatives include:



- Water Quality Standards**
We adhere to national and international standards, regularly monitoring indicators like pH, turbidity, and contaminants.
- Effluent Treatment**
BSU uses advanced wastewater treatment systems to minimize environmental impact before discharge.
- Environmental Protection**
We prevent pollutants from entering natural water bodies, protecting local ecosystems and wildlife.
- Research and Innovation**
Our research focuses on improving water treatment technologies and developing sustainable solutions.
- Education and Awareness**
We offer programs to educate the campus community on water conservation and pollution prevention.
- Partnerships**
We collaborate with organizations to align our efforts with broader environmental goals and participate in sustainable water management initiatives.



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13. Cooperation on Water Security

Collaborating with various stakeholders on water security:

- **Partnerships and Collaboration:** We engage with local, regional, national, and global governments and organizations to address water security challenges, share knowledge, and advance sustainable water management practices.



**Water
Security**

