

NATIONAL TAIWAN UNIVERSITY

Principles for Water Resource Management and Reuse

May 23, 2024 Passed by the NTU Sustainable Development Promotion Committee at its 8th Meeting

Article 1 Water Usage Management

1. Install digital water meter monitoring systems.
2. Promote water leakage prevention and conduct regular examination of water usage (in cubic meters) in buildings.
3. Monitor and provide guidance to high-volume water users on campus.

Article 2 Water Usage Safety

1. Effluent discharged by buildings and laboratories shall be governed by the NTU *Regulations for the Management of Effluent Discharged by Buildings and Laboratories*.
2. Regularly inspect the drinking water facilities on campus to ensure water quality safety.
3. Regularly maintain and improve on-campus water facilities, including pipelines, water reservoirs, water towers, and other facilities.

Article 3 Water Usage Reduction

1. Prioritize the use of water-saving toilets and faucets.
2. Utilize lake water, raft foundation water, as well as recycled pool water and rainwater from buildings for farm irrigation and landscaping purposes.
3. Opt for drought-tolerant tree species for campus landscaping to reduce irrigation water needs.

Article 4 Water Recycling and Reuse

1. Encourage installation of rainwater harvesting or gray water reclamation systems in existing buildings.
2. Require the installation of rainwater harvesting systems in newly constructed buildings.
3. In response to recent global climate change and extreme weather events, new construction projects and road improvement projects must take into consideration stormwater management, rainwater harvesting and reuse, as well as increasing permeable pavements.