

Water reuse

Water reuse policy

Green Walailak University Policies

Walailak University is determined to develop and promote environmental quality both in an academic and participation aspect and to cultivate conscience for good environment for students, staff, communities, societies and the country as a whole. The principal focus is on an environmental management in diverse dimensions including the resource, environmental technology, waste and pollution, human and society dimensions in order for the university to stand as a world class university treating environmental issues with priority and being accepted on the ASEAN and global community levels. To accomplish this mission, the Sufficiency Economy Philosophy principles and the Sustainable Development Goal as stipulated by the United Nations are applied as follows;

1. Developing and creating a master plan dictating the use of land with priority if energy saving and environmental conservation.
2. Taking a revolutionary action to enforce decreased use of energy and extensive use of renewable/ alternative energy within the university
3. Encouraging decreased use of water supply and effective water supply management within the university to ensure optimal benefits.
4. Supporting waste management, zero waste, water reuse and recycling by taking into consideration economic and social factors for the purpose of reducing waste, water reuse and recycling by endorsing the practice of reducing, reusing and recycling and also demand effective and sustainable pollution reduction within the university. Providing a transport service for environmental sustainability and use and provision of public transports, bicycles and walking paths within the university
5. Endorsing every lecturer/ student/ staff – organized activity related to seeking effective solutions against the climate change issues caused by Green House Effects
6. Facilitating the university's environmental education and research by integrating sustainability into all curriculums and advancement as a research center for sustainability innovations
7. Supporting and facilitating cooperation on academic, management, development and creation of technology and innovation for environment between the university and other organizations both on a national and international level
8. Achieving the status of a proper model and holistic learning platforms of sustainability developed under collaboration of communities and stakeholders
9. Acknowledging that sustainable development of the university is not only the mission but also the responsibility of all.

Prof.Dr. Sombat Thamrongthanyawong
President of Walailak University



Walailak University Promoting the university to become the sustainable university for happiness in a principal mission as enshrined in the 5th Strategic Plan 2018 – 2037 Understanding in such concept has been consolidated through a number of activities including the development and renovation of the physical environment in a form of sustainable development for education, work and campus life. The Sustainable Development Goals (SDGs) proposed by the United Nations has been integrated into the policy.



GREEN WALAILAK UNIVERSITY
WALAILAK UNIVERSITY



University: Walailak University
Country: Thailand
Web Address: <https://green.wu.ac.th/>

Description:

Walailak University has established a wastewater treatment system. It is designed to be able to handle 4,000 cubic meters/day of wastewater at a BOD of 150 mg/L when treated. The effluent will be discharged from the system at the BOD value of 20 mg/l. The system is designed as a biological treatment system. Consisting of 1 aeration pond, followed by 2 semi-anaerobic ponds, an ultraviolet sterilization system, and 1 Wet Land pond, which serves to hold water before it is released into nature. Which will have approximately 4,900 cubic meters of water, can be reused as follows

1. Used to fish.
2. Applied in the incinerator cooling system
3. Apply to the car to water the trees. on campus
4. Water to clean roads or animal stables