

SDG 6.5.2 Promoting conscious water usage

Actively promote conscious water usage on campus, and in the wider community

Item 1: Actively promote conscious water usage in the wider community

1. Cooperating with the Lakeside Reservoir Environmental Education Park to promote the community residents' conscious water usage

Topics: Environmental Protection, Water Saving

Description

<https://swan.yuntech.edu.tw/HushanReservoir/index.aspx>

In 2016, Yunlin University of Science and Technology obtained the "Environmental Education Institution Certification," and each year, in accordance with community needs, participates in water resource environmental education training programs to educate the public on conscious water usage.

In 2022, YunTech continued to promote the environmental education of the Hushan Reservoir Educational Park, advocating for the conservation of water resources and ecological preservation through lesson plans and teaching materials. By using different teaching plans for different age groups, the program aims to cultivate participants' appreciation and love for water.

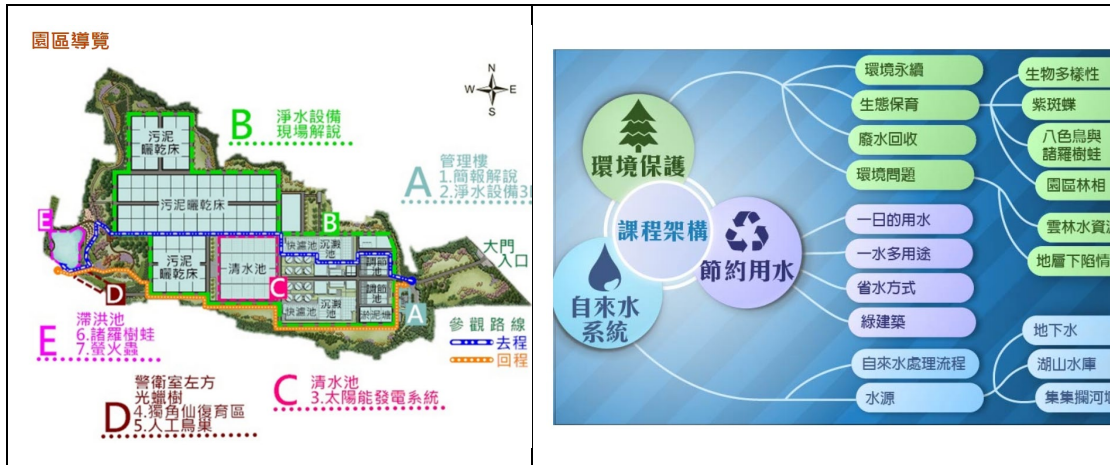
Evidence

Course Structure:

Environmental Protection: Environmental Sustainability, Ecological Conservation, Wastewater Recycling, Environmental Issues

Water Saving: Daily Water Use, Multiple Uses of Water, Water Saving Methods, Green Building

Tap Water System: Tap Water Treatment Process, Water Sources



Park Tour

Course Structure

經濟部水利署中區水資源局 湖山水庫管理中心
 服務時間：週一至週五 AM08:00~12:00 PM13:30~17:30
 地址：雲林縣古坑鄉根盤村興東53號 [交通位置]
 電話：(05)5261977 傳真：(05)5267386
 建議使用 Google Chrome、Firefox、Edge 版本瀏覽器及 1024 x 768 以上解析度，以獲得最佳瀏覽體驗

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YunTech cooperates with the Lakeside Tap Water Environmental Education Park to organize environmental education courses, educating the public on conscious water usage.



YunTech promotes environmental education, we have obtained dual certification of

environmental education



YunTech cooperates with the Lakeside Tap Water Environmental Education Park to organize environmental education courses

2. Conscious water usage education for young farmers

Issues: Water Conservation, Water Quality Testing, Environmental Sustainability.

Statement

Rapid Water Quality Testing Hands-On Workshop

https://admin3.yuntech.edu.tw/~iarc2021_u2fagew/index.php/newsclass/item/952-2022-10-11

The primary goal of this rapid water quality analysis workshop is to enhance young farmers' awareness of water resource conservation and to promote methods of rapid water quality analysis to them. Through the explanations and practical operations conducted by graduate students, participants learn how to test water quality using simple testing instruments and test strips, and understand the importance of water resources. The workshop content includes basic knowledge of water quality analysis, types of pollutants that may harm crops and health, standard sampling methods, and water quality standards. This helps to raise community awareness of water resource conservation and conscious water usage.

Evidence/outcome



Item 2: Actively promote conscious water usage on campus

Description

YunTech holds at least two energy-saving committee meetings each year, with participants including the Vice Chancellor, heads of administrative units, and heads of academic units. The meeting topics include the review and formulation of improvement strategies for saving on water, electricity, fuel, and gas (natural gas) consumption. The improvement strategies are to be promoted and implemented by administrative and academic unit heads to all faculty, administrative staff, and students of the university.

For example, at the energy-saving committee meeting on July 27, 2022, the university's water-saving principles were passed, to be promoted jointly by administrative and academic units to all faculty, administrative staff, and students to foster a consciousness of rational water use.

Evidence

1. Records of the meetings from 2018 to 2023 are announced on the website.

<https://reurl.cc/z6M1jp>

<https://reurl.cc/gaeA14>

2. The water-saving principles approved by the energy-saving committee meeting are as follows:

Water Conservation Principles of National Yunlin University of Science and

Technology

111.7.29 節能會議決議通過

Approved by the Energy Conservation Conference resolution on July 29, 2022

I . To implement YunTech's development goal of creating an innovative, intelligent, friendly, and sustainable university, the Water Conservation Principles of the National Yunlin University of Science and Technology (hereinafter referred to as the Principles) has been established in accordance with the YunTech Mid-Year Development Plan.

II . The new school buildings will be designed to be green buildings (the green building certificate should be obtained first), which should be evaluated in terms of daily energy saving, water resources, indoor environment, as well as sewage and waste improvement, etc. during the planning process, to ensure that the green building label can be obtained after completion.

III . For the new school building projects requiring basement excavation, the vendor must set up water reuse facilities at the site. The water extracted from the basement excavation will be recycled for dust suppression, mobile toilet flushing, car washing, road washing and plant watering, etc.

IV . The YunTech gives priority to purchasing water-saving equipment with water-saving labels for daily utility maintenance and promotes the use of water-saving products.

V . The YunTech possesses a wastewater treatment plant and a separate collection line system for rainwater and wastewater, which treats the domestic wastewater of the entire campus by the biological extended aeration method. The treated water can be reused for toilet flushing, landscape irrigation, artificial lake replenishment and fire fighting.

VI . To build a sustainable green university in line with environmental and ecological protection, the YunTech should select drought-enduring local plants when greening or replacing landscaping, so as to save water, maintain plants and create more pleasant green landscapes.

VII . The Principles will be implemented after the approval of the Energy Conservation Conference resolution.