



University : National Chin-Yi University of Technology
Country : Taiwan
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[SDGs 6] Clean Water and Sanitation 淨水與衛生

[6.3.5] Does your university as a body plant landscapes to minimise water usage? (e.g. use drought-tolerant plants)

NCUT as a body prefers landscaping applications with plant species, which consume less water and are suitable for the local climate.

NCUT's approach to managing its 30-hectare campus, with two-thirds covered by vegetation, reflects its commitment to sustainability and resource conservation, especially in response to climate change.

Key aspects of this strategy include:

1. **Drought-Tolerant Landscaping:** Recognizing the challenges posed by decreasing rainfall, NCUT has prioritized planting drought-tolerant species. By reducing irrigation for these plants, the university minimizes water consumption during the dry season, ensuring that campus vegetation thrives despite limited water availability.
2. **Adaptation to Climate Change:** With many trees on campus being over 30 years old, NCUT is adapting to changing climate conditions by taking inventory of plant species and focusing on water-efficient management. This proactive approach helps preserve the health of older trees and the overall ecosystem on campus.
3. **Sustainable Plant Selection:** NCUT's decision to introduce primarily drought-resistant plants for new landscaping projects reflects its long-term commitment to water conservation. These plants not only reduce the need for irrigation but also align with Taiwan's shifting environmental conditions.

Through these efforts, NCUT ensures that its green campus remains vibrant while conserving resources, contributing to both environmental sustainability and water efficiency in the face of climate change.



camphor trees



camphor trees



banyan trees



mahogany trees

By selecting **drought-resistant species**, NCUT reduces water consumption in its landscaping efforts. The camphor, banyan, and mahogany trees are well-suited to the local climate, making them environmentally sustainable choices.

In addition, the water for the plants on the campus is the **discharge water** from the **treated wastewater** from the campus, **not the drinking water**.





The newly added plants are mainly drought-tolerant.