

Student Activities in SDGs - Case 1

Zhai-Hill: Dormitory and Community

NTHU Residential Academy
Service Learning Courses

"Zhai-Hill: Dormitory and Community" is the campus environment improvement learning project taken charge by Residential College mentors and students. They adopted participatory design, expanding students' participation level to improve the space. Introduce the working groups to activate the space that creates an open space where the boarding students can communicate with each other. Based on the permaculture sustainable design method, the space is partitioned into different zones, gradually transformed the Zhai-Hill outdoor environment and landscape, and expanded the range to T-house, BTB+ exterior, treehouse, and surrounding idle space and forest. Regularly open BTB+, T-house, and hold workshops to create a handcrafted space that all students on campus can use. Native Taiwanese plants and food crops are selected to replace pure ornamental plants to beautify surroundings adjacent to the building. Make good use of plant characteristics and consider functions such as environmental function, space aesthetics, and ecological construction. College students have participated in various learning projects, including:

Woodworking Service: Planning the woodworking area, cleaning the T-House space, and laying the wooden floor on the second floor of the T-House.

Green Energy Group: Solar panel or wind energy implementation base.

Green Academy Group: Application of native Taiwanese plants on campus, planting and beautifying the environment.

Resource Service: rainwater collection system.

Sustainable Agriculture Group: Planning planting areas, collecting and storing energy on the ground, reuse of kitchen waste, planting on thick soil, and edible landscape.

