

Report on SDG6: Clean Water and Sanitation

Thaksin University, Thailand

6.5.5 Cooperation on water security

Thaksin university is located on a 2,658-rai land area, with the western region being mountainous and complex, while the eastern side features Thailand's largest lake. During the monsoon season, rainwater flows through the area and drains into the sea along designated paths.

As we know, water is a crucial element of ecosystems and all forms of life. It is essential for photosynthesis in plants, the functioning of biological systems in plants and animals, and serves as a habitat for aquatic animals. However, water, a vital resource, is becoming increasingly scarce, driving the need for collaborative efforts involving multiple sectors to increase and improve water management efficiency. Approximately 97% of the earth's water is seawater or saline, while only 3% is freshwater. Of the freshwater, about 70% is locked in glaciers and ice caps, 29% exists as groundwater, and only 1% is surface water. In terms of water security, Thaksin University collaborates in management with the Khao Rup Chang Municipality in Songkhla Province and the Pa Phayom Municipality in Phatthalung Province.

