

15 LIFE ON LAND



Protect, Restore, and Promote Sustainable Use of Terrestrial Ecosystems

NIDA promotes the sustainable management of terrestrial ecosystems through academic programs in both master and doctorate levels, published textbooks, as well as research studies on the subject. In addition, the Institute has developed green spaces dedicating to trees and plants both on and off campus; disseminated knowledge and information on the abundance of terrestrial ecosystems; and instilling environmental awareness into the local communities.

Academic Work on the Protection, Restoration, and Promotion of Sustainable Use of Terrestrial Ecosystems

The Institute offers a program in environmental management which consists of various environmental courses including for instance, Applied Management of Terrestrial and Aquatic Ecosystems, Governance for Social Ecosystems, and Sustainable Management of Biodiversity, etc. Each course involves the protection, restoration, and promotion of sustainable use of terrestrial ecosystems. Moreover, the faculty constantly relay the knowledge and information on terrestrial ecosystems through textbooks such as Reviving the Forest with Forest Bonds.



In addition, the faculty in the Institute has attended the training program "The LoCoFoRest: Locally Controlled Forest Restoration" which was supported by the Swedish International Agency for Development Cooperation (SIDA). This program aims at increasing the organizational capability of local community leaders and entrepreneurs in revitalizing the forest and scalable landscape. This is to utilize the new value chain in response to an increasing demand for bioeconomy.

Developing Green Space with Forestation

The Institute continuously develops green spaces with forestation initiatives. In the past year, the School of Environmental Development Administration organized the project for Environmental Relationship Creation for Society 2023 between September 2 – 3, 2023 at Mongkolsamakki Thamthamthai Temple. One of the activities was planting trees to increase green spaces in Rayong Province by the faculty, students, and alumni.



Policy on Plastic Waste Reduction

The Institute has established a policy on plastic waste reduction. In this capacity, the Institute has made announcements on waste elimination and reduction by encouraging the Institute's personnel, students, and vendors to reduce the use of plastic, including plastic bags and plastic cups. Also, the waste reduction campaign promotes the use of personal reusable cups and offers discounts for customers who refuse plastic bags or cups.

Educating and Creating Awareness for the Community in Protecting, Restoring, and Promoting Sustainable Use of Terrestrial Ecosystems (Collaboration for shared land ecosystems)

The Institute is determined to educate the communities and create awareness in protecting, restoring, and promoting the sustainable use of terrestrial ecosystems through a variety of training programmes including the following:

1) demonstrate how to make biological fermentation water from pineapple peels and multi-purpose cleaner from biological fermentation water, as well as how to plant sunflower seedlings to Grade 7 students from Klongkum School (Seri Thai Anusorn) in Bungkum District;



2) provide training programs for youth to raise awareness in Bio-Circular Economy (BCG) and enhance occupational opportunities based on BCG principles. These programs were conducted in collaboration with Wat Bungthonglang School

3) Organize the Community United for Water Exhibition 2023 (Ruem Jai Pueh Sai Nam) on the topic of "Building Human, Society, and Environment" at NIDA Auditorium. The main purpose of the event was to exchange knowledge, develop a thinking approach and implementation, instill ethics and integrity into the community in order to foster personal, social, and environmental responsibilities, as well as raise public awareness in the significance of forestation to help lessen global warming.



In addition, the School of Environmental Development Administration held an Eco-Talk Series on "Environmental Management for Sustainable Development" which was very well-received and participated by the public.