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LIFE ON LAND

Supporting land ecosystems through education

Events on sustainable use of land Year: 2024
Support or organize events designed to promote conservation and sustainable use of land, including forests and wilderness areas

University Activities to Promote Sustainable Land, Forest, and Wilderness Conservation and Utilization

1) Project to Promote Plant Genetic Conservation and Sustainable Utilization of Local Resources. Nakhon Si Thammarat Rajabhat University organized the activity "Creating Awareness and Promoting the Utilization of Local Plants" to honor Her Royal Highness Princess Maha Chakri Sirindhorn on the occasion of her birthday, April 2, 2024. The activity falls under the Royal Project for the Conservation of Plant Genetic Resources (RSPG), aimed at local development.



The event took place at Ban Pa Yang Child Development Center in Tambon Tha Ngio, Mueang District, Nakhon Si Thammarat Province. Its goal was to promote awareness among community members and youth regarding the value of natural resources and land through activities such as:

- Demonstrating how to prepare savory and sweet dishes using local plants (cashew nuts) to support sustainable use and value creation.
- A coloring workshop titled "I Love Phra Thep" (referring to the Princess) to instill conservation awareness in children and youth.

Expert faculty members from various disciplines conducted the activities, including: Asst. Prof. Dr. Jittima Damrongwattana (Community Development major), Lecturer Samaporn Nuansut (Retail Business major), and Asst. Prof. Pichet Chaisong (Art Education major).



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Events on sustainable use of land Year: 2024
Support or organize events designed to promote conservation and sustainable use of land, including forests and wilderness areas

University Activities to Promote Sustainable Land, Forest, and Wilderness Conservation and Utilization

2) Participation in the Pak Phanang River Basin Development and Sustainable Forest Area Restoration Project

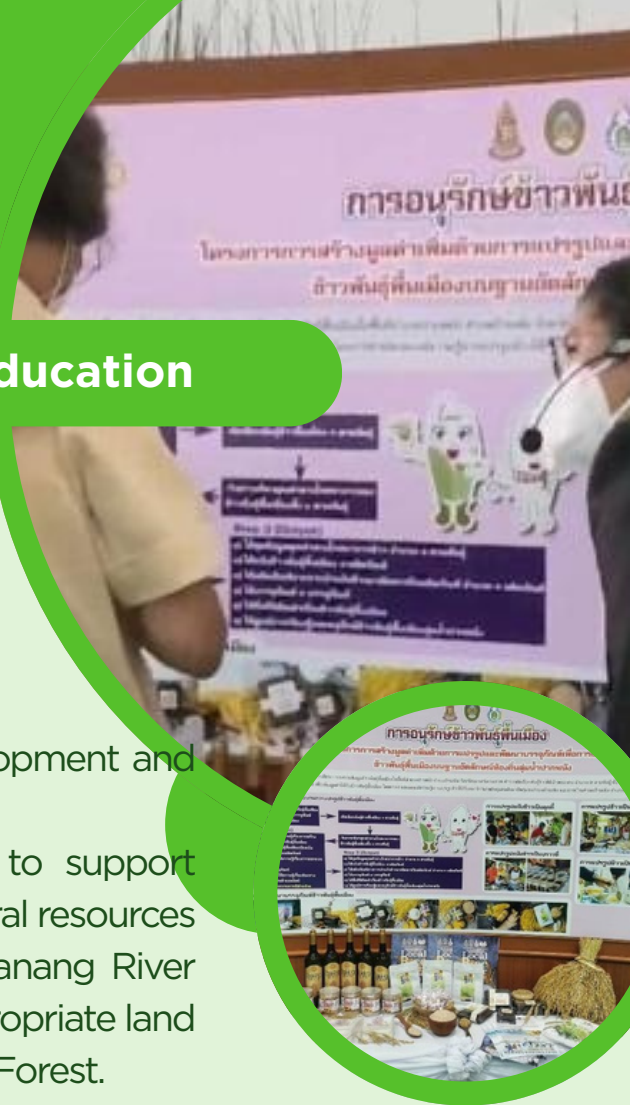
On March 19, 2024, the university collaborated to support conservation and restoration activities for land and natural resources under the Royal Development Project for the Pak Phanang River Basin. The initiative focuses on water management, appropriate land use, and the restoration of the Kuan Krenk Peat Swamp Forest.



On this occasion, Her Royal Highness Princess Maha Chakri Sirindhorn visited the area to observe the progress of water resource management and of the "Phor... Piang Nee Kor Phor" demonstration plot for the New Theory Agriculture model, which serves as a blueprint for sustainable land use.

The university co-organized the exhibition "Developing the Pak Phanang River Basin According to Royal Initiatives".

The exhibition presented knowledge, research, and conservation activities related to the local peat swamp forest and ecosystem. The participating faculty included Lecturer Watee Subsint (Assistant to the President for Arts and Culture) along with a team of lecturers from the Faculty of Management Science: Lecturer Utumporn Siyom and Lecturer Ponsin Buangam.



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Sustainable management of land for tourism

Sustainable management of land for tourism Year: 2024

1) Nakhon Si Thammarat Rajabhat University implemented a project to share knowledge with the community about land and resource management for sustainable tourism. They organized an event titled: “Mega Festival of Applying the King’s Science for Sustainable Community Economic Development: Kok-Nong-Na towards Community Enterprise”. The event took place on July 23, 2024, at the Learning and Operations Center for the King’s Science for Local Development—the Ban Pa Yang Community Learning Center (The “1 Rai Escapes Poverty, Rajabhat People” model) in Tambon Tha Ngio, Mueang District, Nakhon Si Thammarat Province.



The objective was to promote balanced land and resource management alongside developing the grassroots economy through agri-tourism and eco-tourism. The activity focused on transferring knowledge and facilitating the exchange of experiences between the university and the community regarding sustainable land management based on the “Kok-Nong-Na Model”.

The model provides a guideline for managing agricultural areas to achieve optimal outcomes across soil and water conservation, biodiversity, creation of agricultural learning centers, and development toward an area supporting sustainable tourism. The event included: Demonstrations on managing agricultural areas for tourism, Exhibitions presenting knowledge on local resource management, Value addition to community products, and Designing tourism activities that respect the ecosystem and community way of life.



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Sustainable management of land for tourism

Sustainable management of land for tourism Year: 2024

2) Nakhon Si Thammarat Rajabhat University places priority on developing and supporting land management for sustainable tourism, especially in local communities with strong natural and cultural assets. On May 31, 2024, faculty and staff from the Tourism Program, Faculty of Humanities and Social Sciences—under the leadership of Dr. Sarawadee Navakanwarakul and Lecturer Prissorn Rittimontri Ziemic, along with research project officer Ms. Nattakarn Krainukoon—took part in efforts to develop community-based tourism standards at the Khon Ton Nam Ban Wang Sai Community Tourism Enterprise in Village 6, Tambon Tham Yai, Thung Song District, Nakhon Si Thammarat Province.



The goal of the activity was to promote the sustainable administration and management of community-based tourism areas.

The university team prepared materials, presented academic information, and conveyed guidelines for the systematic development of area management in preparation for the community-based tourism standards assessment.

The assessment committee comprised key agencies including: The Department of Tourism, Nakhon Si Thammarat Provincial Tourism and Sports Office, The Tourism Authority of Thailand (TAT), Nakhon Si Thammarat Office, Provincial Community Development Office, Provincial Agricultural Office, Bank for Agriculture and Agricultural Cooperatives (BAAC), Provincial Cultural Office, Provincial Tourism Industry Council, and Higher Education Institutions.



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Collaboration for shared land ecosystems

Collaboration for shared land ecosystems Year: 2024

Nakhon Si Thammarat Rajabhat University, in collaboration with the Office of Natural Resources and Environmental Policy and Planning (ONEP) and the network of Local Natural and Cultural Environmental Conservation Units of the Upper Southern Provincial Group, organized the Annual Meeting of the Natural and Cultural Environmental Conservation Network B.E. 2567 (2024). The meeting took place April 25–27, 2024, at the Twin Lotus Hotel and Nakhon Si Thammarat Rajabhat University. Government agencies, network partners, and communities from four provinces—Nakhon Si Thammarat, Chumphon, Phatthalung, and Surat Thani—participated.



The meeting's objectives were to promote the systematic conservation of terrestrial ecosystems through the exchange of knowledge regarding monitoring, area maintenance, and the joint formulation of measures for environmental and cultural conservation in accordance with legal principles and national policies. It also provided an important platform for establishing cooperation among government agencies, the university, and community network partners to develop mechanisms for the sustainable management of terrestrial resources in the area.

Furthermore, the university supported student participation in club and student union activities to build a conservation awareness regarding natural resources through hands-on practice, such as mangrove planting activities, biodiversity surveys, and environmental volunteer activities. The activities helped enhance young people's understanding of the importance of coastal and terrestrial ecosystems, which are the vital resource bases for local communities.



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LIFE ON LAND

Land sensitive waste disposal

Nakhon Si Thammarat Rajabhat University prioritizes water quality management and ensures wastewater discharges meet environmental standards to protect ecosystems and public health. The university is constructing a central wastewater treatment system and establishing clear guidelines and measures for water quality monitoring through academic activities and collaboration with network partners.

On February 1-2, 2024, the Faculty of Science and Technology organized an academic service activity focused on chemical, biological, and physical water quality analysis for students from Kanlayanee Nakhon Si Thammarat School, under the Science-Mathematics Gifted Program (SMGP). The activity took place at the Environmental Science Laboratory to impart knowledge on sound water quality monitoring and assessment.

Subsequently, on March 13, 2024, the Environmental Science program participated in training on environmental pollution control technology and wastewater treatment technology at Thaksin Palm (2521) Co., Ltd. in Surat Thani Province. The training aimed to develop the capacity of personnel in wastewater treatment systems and apply this knowledge to the university's system.

Such efforts reflect the university's commitment to setting guidelines and developing water quality standards prior to environmental discharge, to control and reduce water pollution sustainably. Furthermore, they serve as a crucial mechanism for enhancing the knowledge of students, the community, and personnel regarding systematic wastewater management.

