

SIAM UNIVERSITY SUSTAINABILITY REPORT 2017

Moving Towards Sustainable University

*Sustainable
University,
Sustainable
District*

Date Reported: October 29, 2018



Overview

Siam University (SU) is one of Thailand's leading comprehensive private universities focusing on **“Employability”**, **“Diversity”** and **“Sustainability”** as the three main pillars. Located in South-West Bangkok, the 21-building campus features first-class academic and social facilities designed to cater for the specific needs of student life.

Siam University was founded in 1965 by Dr.Narong Mongkhonvanit as the first private Engineering School in the country. In 1973, it was upgraded to a college status and known as “Siam Technical College” with the authority to grant degrees. On September 5, 1986, “Siam Technical College” became “Siam Technical University”, a full-fledged private educational institution. Three years later, the name was changed to the present “Siam University” to show its diversity in fields of study.

The university comprises of 13 schools and colleges which offer a broad variety of undergraduate, graduate, and lifelong education programs. The International Program was established in 1995 to offer students the opportunity to earn Bachelor's degrees in different aspects of the international business world. The two focus studies are International Business Administration and Hotel &Tourism, Service Industry Management.

Under our slogan “Think Freely, Work Wisely”, we strive to provide forward-thinking and outward-thinking students with the means to build a solid foundation for their future while enjoying a complete learning and social experience.

Since the inception, Siam University, a truly internationalized and fully accredited institution of higher education, has produced approximately 80,000 graduates with diversified student body. Our graduates enjoy the same privileges accorded to state university graduates.

Our academic collaboration over 100 leading universities and institutions worldwide creates unique possibilities for students who wish to transfer from or to Siam University, or who wish to undertake research projects and graduate studies abroad.

Mission and Vision

Pillars of Siam University: “Employability”, “Diversity” and “Sustainability”

Siam University mission is to prepare students for their future careers in highly dynamic and globalized environment. We also focus on the study and promotion of Asian Wisdom and its implication on ASEAN community. We cultivate the sense of ethics and responsibility while respecting different cultures and belief as well as embracing diversity and sustainability.

For over 40 years, Siam University has been developing and aiming towards international recognition as one of the leading universities in Asia, and will continue to expand its vision to make Siam University one of the world’s advanced educational institutions.



Policies



Sustainability Policy

“Sustainability” is one of the pillars of Siam University. We are moving towards a sustainable university under the policy ***“Sustainable University, Sustainable District”***. According to this policy, our target groups include the 3 Ss – Students, Staff, Surrounding communities. Siam University’s sustainability strategies employ H.M. the late King Rama IX’s “Sufficiency Economy Philosophy (SEP)” and “Sustainable Development (SD)” (including 17SDGs) which lead to the following aims:

- To be a model for sustainable university which give a special attention and concern for both within our campus and the wellbeing of the surrounding communities and Thai society at large.
- To promote initiatives and continuous improvement in the management system and activities within the university for Sustainable Development Goals (SDGs) and sustainable development (SD).
- To encourage our students and staff to become change agents for the betterment of communities and society.

Academic, Research and Student Activities Policy

Siam University's Academic Committee has committed to offer courses in SD and SD-related courses. To ensure that this policy is implemented in all faculties and colleges, in their meeting on July 6, 2018, the committee has set forth the policy that all the research projects, coursework, and student activities done by all faculty members, staff, and students of Siam University should identify the SDGs that they aim to work for.

Safety Policy

Siam University aims to become a learning organization for safety management system and implement the safety management system for all staff students, and communities surrounding. Safety policy, safety rule and safety best practice information shall be promoted and distributed to all students, staff and adjunct staff who work for SU.

We are committed to develop:

- Safety management system which comply to national safety standard and Safety Act and implement to all in our university and make them ensure for security, safety and health in workplace with safety audit and continual improvement.
- Hazardous waste treatment or disposal system within SU to use fewer toxic chemicals in all activities
- Decrease on hazardous waste usage to ensure safety for all in SU and communities surrounding.
- Safety in workplace for all staff and students by integrating safety in workplace to all activities.

Waste Management Policy

Siam University is committed to develop waste management system for both municipal solid waste and hazardous waste in standard practices and meet regulations. Students and staffs shall be encouraged to reduce reuse recycle and proper management on treatment and disposal.

We are committed that:

- Solid waste and hazardous waste shall be managed according to the waste hierarchy of reduction, reuse, and recycle, treatment and responsible disposal.
- Products that can be reused, or recycled shall be encouraged.
- Efficient use of equipment, materials or chemicals shall be promoted.

“Green and Clean Campus” Policy

“No Plastic and Polystyrene”

Siam University is committed to develop a “Green and Clean Campus”. Safety and healthy space within the university shall be promoted for a better quality of life for all student and staff. Our commitments are:

- No polystyrene containers for food used within all canteens, restaurants, coffee shops, food centers and minimarts in the university.
- Encourage to use biodegradable materials and containers for food usage in all canteens, restaurants, coffee shops, food centers and minimarts in the university.
- Encourage to use personal or reused /recycled food and drink packaging within the university.
- Foam usage reduction in exhibition and in university activities. *“Reduction of paper usage within the university”* Our commitments are
 - Paper usage reduction by using two-sided printer and Electronic Office.
 - Encourage to use Electronic meeting with paperless campaign.
 - Encourage to use Electronic learning to reduce paper sheets and papers in teaching media.



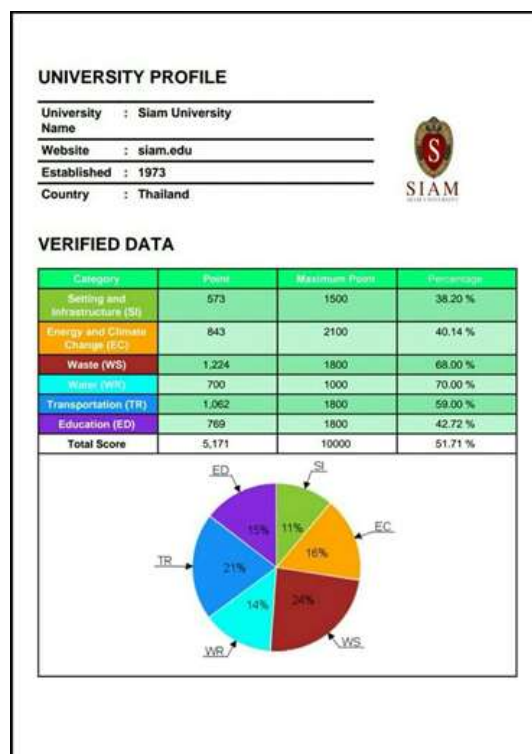
Center of Sustainability



“Center of Sustainability” was formally set up in order to assure that our goal for becoming a sustainable university will be accomplished. With the belief that sustainability is an imperative mission, President of Siam University takes this office under his supervision and has appointed Vice Rector for Academic Development and Head of the Center of Sustainability to manage the office. At present, we have about 3 active officers but our activities were successfully organized with the cooperation of representatives from various faculties and colleges in the university.

Our Accomplishment: 2017 UI GreenMetric World University Rankings

Siam University was ranked 168th in the UI GreenMetric World University Rankings. It is our pride that this ranking indicated that we are the 7th among the 28 Thai universities which submitted their reports to be ranked by UI and 1st of the Thai private higher institutions.



Siam University at the 2018 International Workshop on UI GreenMetric (IWGM)

Being recognized for our accomplishment in the 2017 UI GreenMetric World University Rankings, President of Siam University, Dr. Pornchai Mongkhonvanit, was invited as a speaker in 2018 International Workshop on UI GreenMetric (IWGM) at Universitas Diponegoro, Semarang, Indonesia. There were only two Thai representatives in this workshop. Vice President of Chulalongkorn spoke on transportation management while Siam University's President shared our experience in water management.



Siam University at ISCN Conference

Siam University was the only institution whose paper was selected to present in the 2017 ISCN (International Sustainable Campus Network) Conference at the University of British Columbia, Vancouver, Canada. The selected paper was “Sustainable University, Sustainable District: Siam University as a Case Study” by Dr. Pornchai Mongkhonvanit, President, and Professor Dr. Chanita Rukspollmuang, Vice President.



Appendix

Fact about Siam University



Siam University is located on Phet Kasem Road in Phasi Charoen District, Bangkok. We have only one campus setting in an urban area. Total campus area is around 64,000 m². Total area on the campus covered in forest vegetation is 8,000 m² (12.5% of total area) and total area on the campus covered in planted vegetation is 4,500 m² (7.03% of total area). Furthermore, total area on the campus for water sorption besides forest and planted vegetation is approximately 5,500 m² (8.59% of total area).

Table 1 Setting and Infrastructure of Siam University

Parameter	Indicative measure
Total main campus area (m ²)	64,000
Total main campus ground floor area of buildings (m ²)	14,406
Total main campus buildings area (m ²)	14,499.25
Total area on campus covered in forest (m ²)	8,000 (12.5%)
Total area on campus covered in planted vegetation (m ²)	4,500 (7.03%)
Total area on campus for water absorption besides forest and planted vegetation (m ²)	5,500 (8.59%)
The total open space area divided by total campus population (m ²)	4.92
The ratio of open space area towards total area (%)	77.49

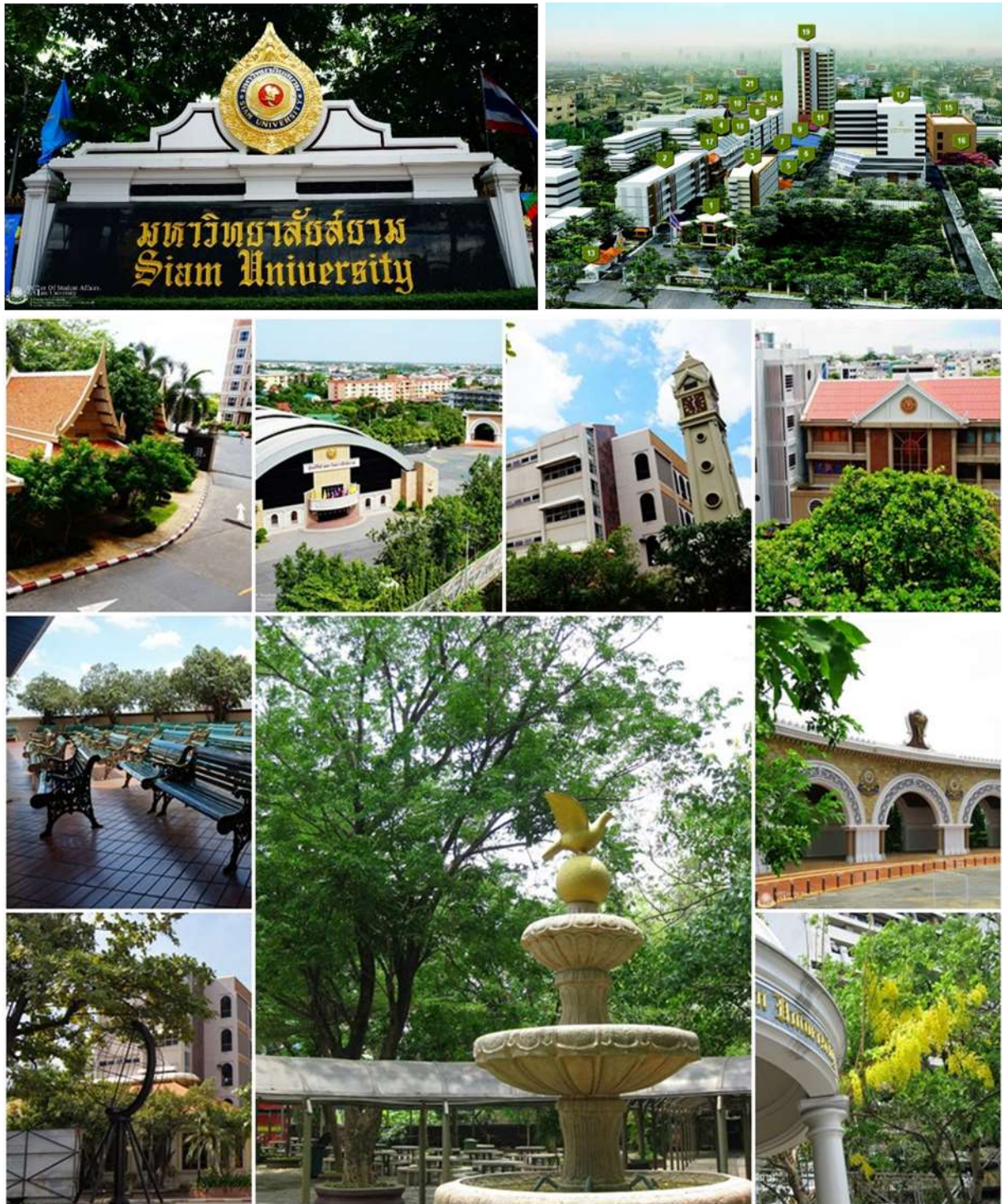


Figure 1 Photos of Siam University

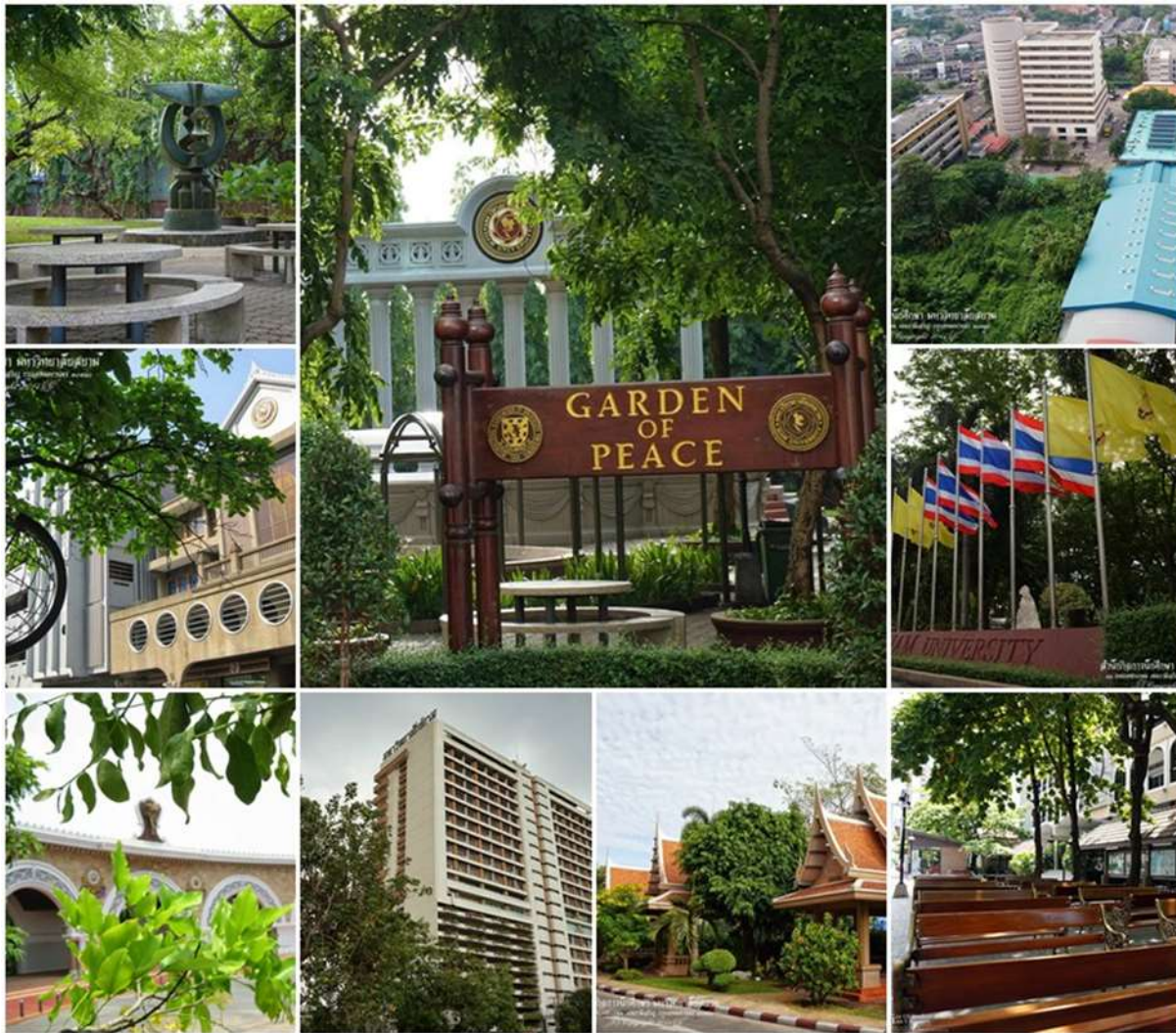


Figure 2 Photos of Siam University

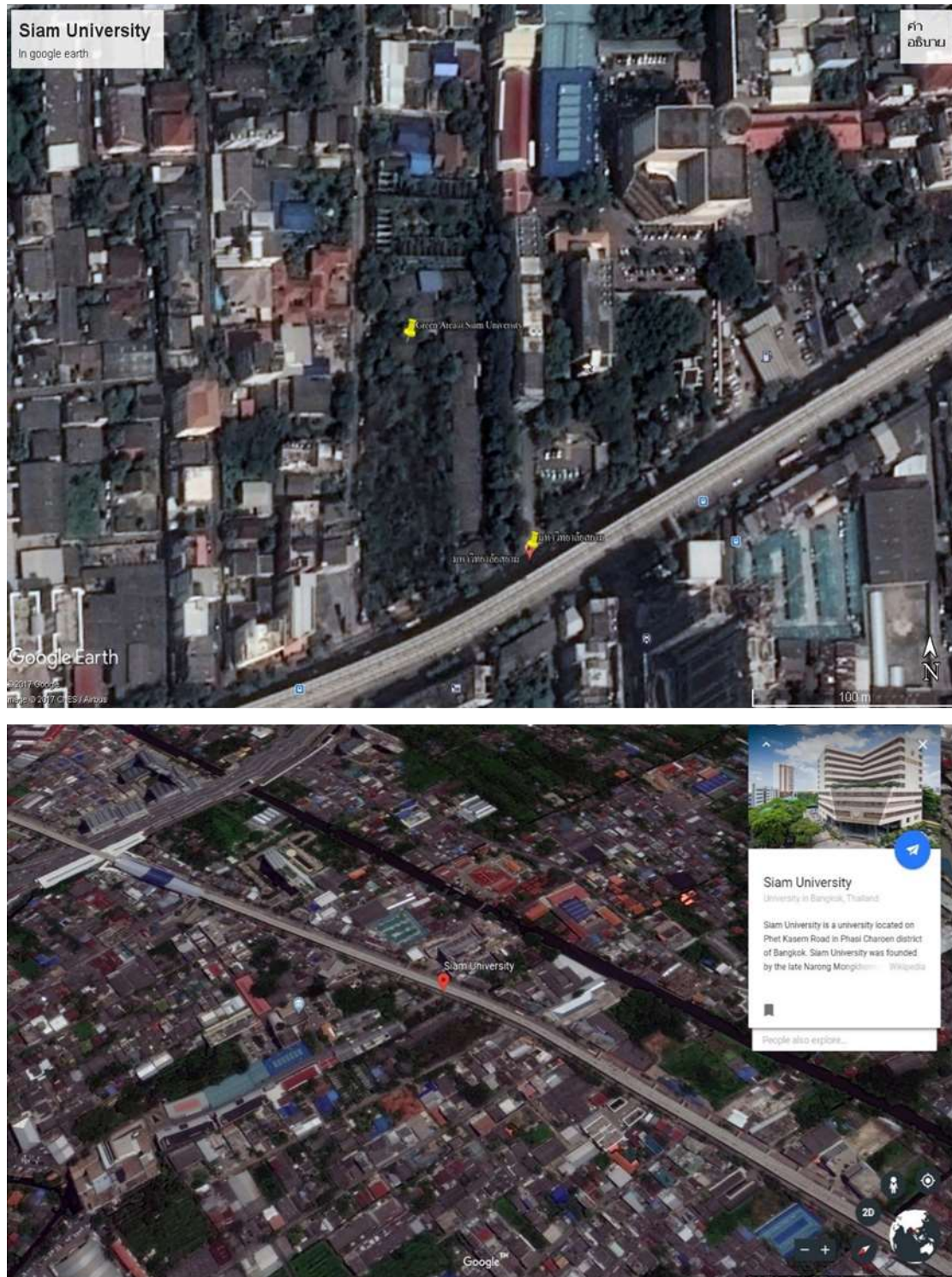


Figure 3 Google Earth image showing the areas of Siam University

Siam University and Sustainability Networks

Siam University has continuously hosted conferences and workshops relating to sustainable development and SDGs. In 2016, we have cohosted, with Chulalongkorn University, Asia Institute of Technology, and Surannaree University of Technology, the IAU XV General Conference in Bangkok during November 12-16, 2016 under the topic “Higher Education: A Catalyst for Innovative and Sustainable Societies”.



Moreover, we are the leading institution who initiated the ACD (Asia Cooperation Dialogue) University Network. Dr. Pornchai Mongkhonvanit, President of Siam University, was appointed Co-Chair of the network with Asia-e University, Malaysia. ACD-RN (Research Network), in which a cluster on “Sustainable Development/Sufficiency Economy”, was set up.



The 2nd ACD High Level Roundtable Meeting of ACD University Network (ACD-UN) was organized during April 27-29, 2017 at Siam University, Bangkok, Thailand.

Siam University has also joined Sustainable University Network (SUN) Thailand in 2016. We are the first private university that applied and was accepted as their member. After joining this network, we have been actively participated in their activities.



Moreover, it is our privilege that our paper, ***“Sustainable University, Sustainable District: Siam University as a Case Study”***, was selected to be the only 1 in 8 oral presentations in the 2107 International Sustainable Campus Network (ISCN) Conference, organized by the University of British Columbia and the City of Vancouver, Canada during June 26-28, 2017.



Examples of “Sustainable University, Sustainable District” Projects



Due to the fact that Siam University is located in Phasi Charoen District, Bangkok, we thus decide to take a leading role in enhancing the wellbeing of members in the 54 communities in the district. Research Center for Community Development was established with a long-term project funded by the Thai Health funding agency called “The Healthy Space Project”. The project has created a healthy space for communities allowing them to continue to thrive and grow, while improving resource use and reducing pollution and poverty. Moreover, in order to disseminate knowledge about community development model based on H.M. the late King Rama IX’s “Sufficiency Economy Philosophy (SEP)”, the University has also developed online platform under the research project, “Community-based Virtual Museum: A Case Study of the Practices of Philosophy of Sufficiency Economy to Strengthen Community Culture in Phasi-Chareon District” funded by the Department of Cultural Promotion, Ministry of Culture.

Editorial Committee

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