

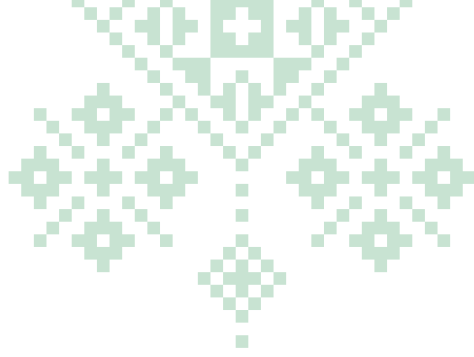


Chiang Mai University
A Leading University Committed to Social Responsibility
and Sustainable Development

SDGs

CHIANG MAI UNIVERSITY
2022 - 2023





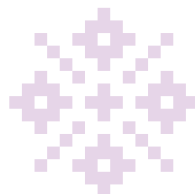
Chiang Mai University

A Leading University Committed to Social Responsibility
and Sustainable Development

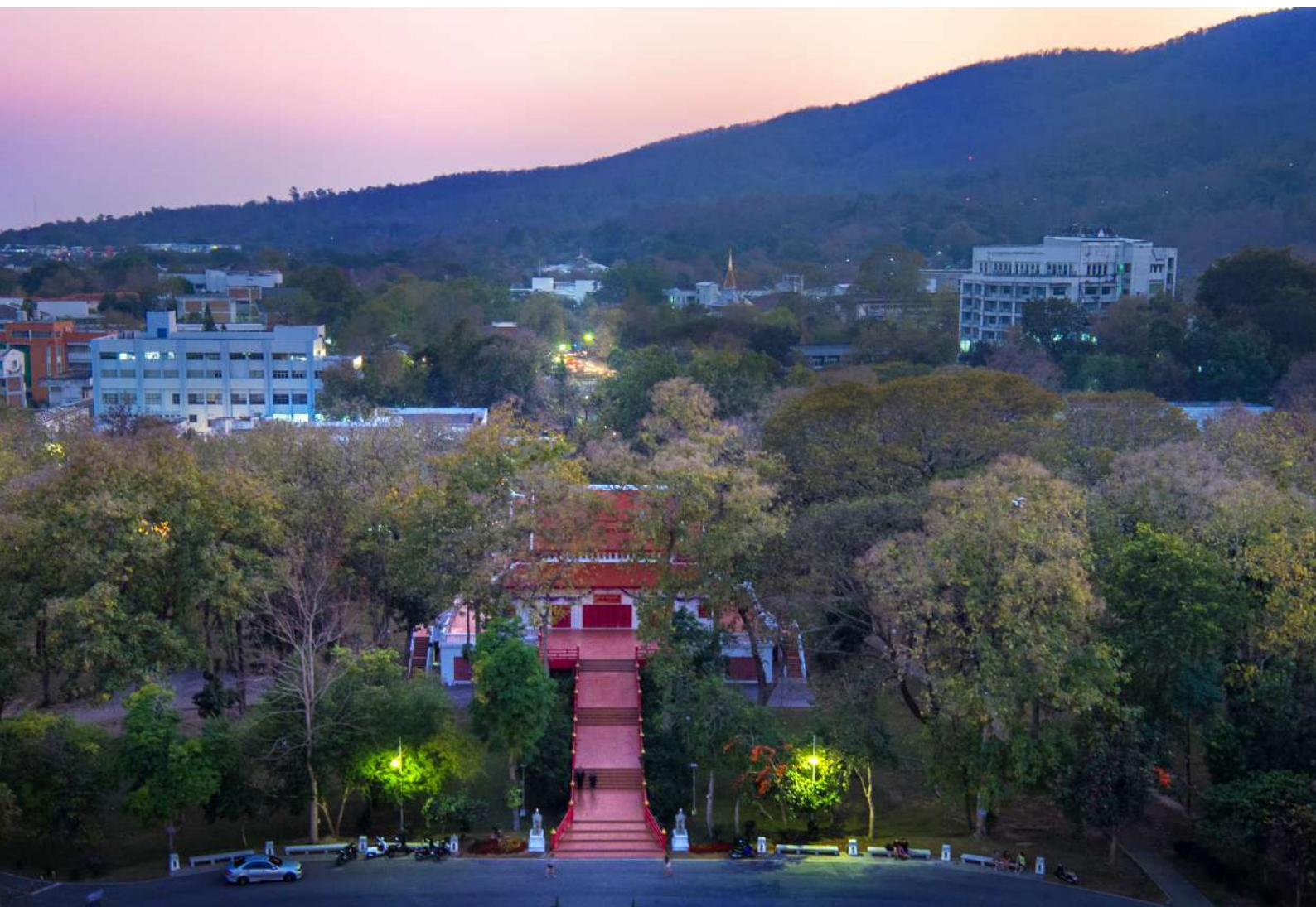
SDGs

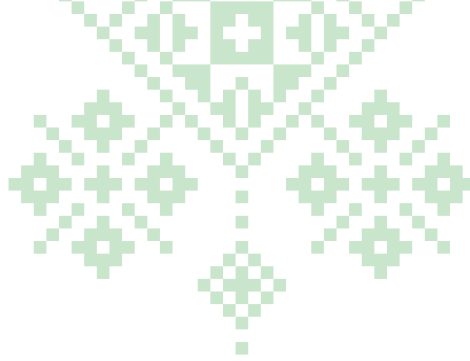
CHIANG MAI UNIVERSITY

2022-2023









SDGs

Chiang Mai University

Chiang Mai University (CMU) has set its main operational direction towards achieving the Sustainable Development Goals: SDGs. By defining them as the organization's strategic objectives, it reflects the fact that CMU has become a leading university which values the community, both nationally and globally. The SDGs selected are also in compliance with the six strategic objectives of the university.



Introduction

Chiang Mai University is the first regional university, based on the government's policy and the intent of the northern people, as a center for academic and higher professional knowledge so as to benefit the locality and the country as a whole.

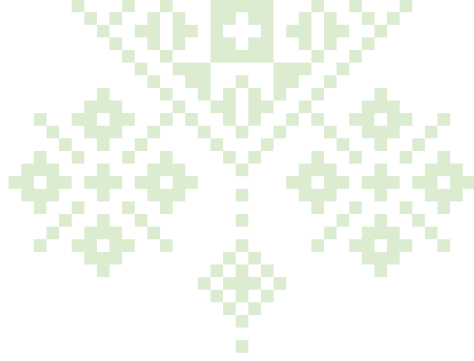
As the vision of “A Leading University Committed to Social Accountability and Sustainable Development through Innovation”, Chiang Mai University has set out the strategic goals as a leading university for action on sustainable development to be the top 50 universities of Time Higher Education Impact Rankings (THE UIR). These are accordingly operated under the CMU Educational Plan, Phase 13 (2023-2027), through the 17 Sustainable Development Goals (SDGs) as an integral component of the proactive and mission-based strategies to achieve the university's Strategic Objectives (SO).

SO1: Biopolis Platform towards Carbon Neutral University. This strategy complies with 3 SDGs—SDG 7: Affordable and Clean Energy, increasing accessibility to sustainable energy; SDG 11: Sustainable Cities and Communities, creating cities and safe settlements with immunity and sustainability; and SDG 13: Climate Action, taking immediate actions to tackle climate change and its impacts.

SO2: Medicopolis Platform through Digital Health Hub. This strategy complies with 2 SDGs—SDG 2: Zero Hunger, eradicating starvation, establishing food security, and upgrading the nutritional level for all; and SDG 3: Good Health and Well-being, promoting good health and well-being for all.

SO3: Creative Lanna (Northern Thai) Platform through the incorporate development with other creative platforms of the university e.g. Biopolis and Medicopolis as well as Creative Lanna Branding Flagships, including Entrepreneurship Incubation on Value Creation for Creative Economy. This strategy complies with 2 SDGs—SDG 3: Good Health and Well-being, promoting good health and well-being for all; and SDG 11: Sustainable Cities and Communities, creating cities and safe settlements with immunity and sustainability.

SO4: Education Platform. This strategy complies with SDG 4: Quality Education, promoting learning opportunities with quality and equality, in addition to lifelong education.



SO5: Research and Innovation Platform through Social Labs for Sustainability. This strategy complies with SDG 9: Industry, Innovation, and Infrastructure, developing sustainable industries and innovation.

SO6: CMU Excellence Management Platform through LEAN & Agility. This strategy complies with 2 SDGs—SDG 1: No poverty, eradicating poverty; and SDG 11: Sustainable Cities and Communities, creating cities and safe settlements with immunity and sustainability.

Chiang Mai University has conducted and supported the activities to achieve all SDGs as demonstrated by the scores of Time Higher Education Impact Rankings (THE UIR), including SDG 5: Gender Equality, ensuring gender quality for women and girls; SDG 6: Clean Water and Sanitation, managing water sustainably for everyday use; SDG 8: Decent Work and Economic Growth, promoting economic growth and full employment; SDG 10: Reduced Inequality, reducing inequality domestically and internationally; SDG 14: Life Below Water, preserving and utilizing marine resources sustainably; SDG 15: Life on Land, fostering the sustainable use of terrestrial ecosystems; SDG 16: Peace and Justice, Strong Institutions, promoting peace and equal access to justice; and SDG 17: Partnerships for the Goals, strengthening international working mechanism and collaboration.

Actions and implementations included in this SDG Report are only a part of all activities and results related to the university's achievements of the sustainable development goals.



Message from the President

Chiang Mai University is Thailand's first regional university, established in accordance with the government's policy and the intent of the northern people to serve as a center for academic and higher professional knowledge, providing benefits to the locality and the country as a whole. Chiang Mai University is therefore an organization that helps develop the country and create the values to the society based on its established goals through an integration of various fields of expertise towards sustainable innovation.

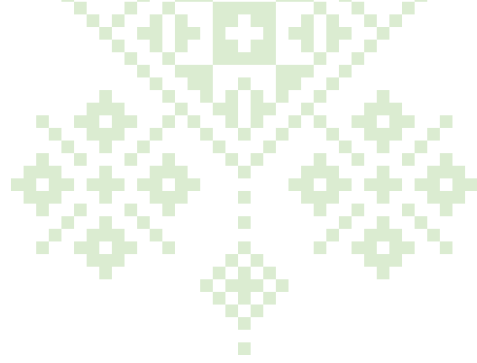
Chiang Mai University has determined its vision to be a leading university committed to social accountability and sustainable development through innovation by adopting Sufficiency Economy Philosophy (SEP) and Sustainable Development Goals (SDGs) as a part of its operational framework. Along with its commitment on a leading university, Chiang Mai University continuously delivers societal values both domestically and internationally through four core missions in terms of education, research, academic service (outreach), and integrated management (stewardship). All the efforts to develop the university pursuant to the CMU Educational Plan, Phase 13 (2023-2027) incorporating the Strategic Objectives (SO) include the followings: 1) Biopolis Platform; 2) Medicopolis Platform; 3) Creative Lanna Platform; 4) Education Platform; 5) Research and Innovation Platform; and CMU Excellence Management Platform.

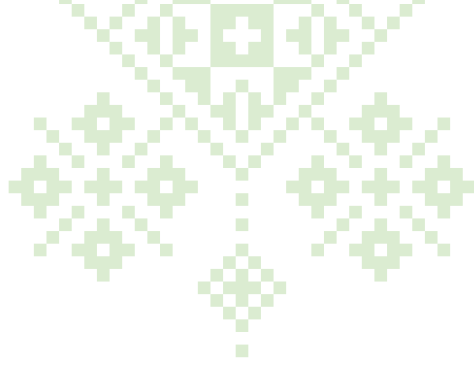
Over six decades of Chiang Mai University's continuous development, these have explicitly demonstrated the university potential to benefit the public, at both local and national levels, ranging from the foundation creation and educational development toward a leading university committed to social accountability and sustainable development through innovation. The university is stepping into the seventh decade with its strong commitment to create societal values based on its established goals through the application of integrated expertise in various fields for sustainable innovation.

This SDG Report will demonstrate all key activities and results operated by Chiang Mai University, committed to strengthening the community, the society, and the nation by building a network of collaboration between all stakeholders regionally and nationally in an effort to achieve the Sustainable Development Goals (SDGs) via the integrated implementation.

Prof. Pongruk Sribanditmongkol, M.D., Ph.D.
President of Chiang Mai University







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17 Sustainable Development Goals (SDGs)

SDG 1 No Poverty : End Poverty

SDG 2 Zero Hunger : End Starvation and Establish Food Security

SDG 3 Good Health and Well-being : Promote Health and Well-being for All

SDG 4 Quality Education : Promote Learning Opportunities

SDG 5 Gender Equality : Ensure Equality for Women and All Genders

SDG 6 Clean Water and Sanitation : Manage Water Sustainable for Everyday Use

SDG 7 Affordable and Clean Energy : Increase Accessibility to Sustainable Energy

SDG 8 Decent Work and Economic Growth : Promote Sustainable Economic Growth

SDG 9 Industry, Innovation, and Infrastructure : Develop Sustainable Industries and Innovation

SDG 10 Reduced Inequalities : Reduce Inequality Domestically and Internationally

SDG 11 Sustainable Cities and Communities : Create Cities and Safe Settlements

SDG 12 Responsible Consumption and Production : Establish Sustainable Pattern of Production and Consumption

SDG 13 Climate Action : Perform Immediate Actions to Stop Global Warming

SDG 14 Life Below Water : Preserve and Utilize Marine Resources Sustainably

SDG 15 Life on Land : Foster the Sustainable Use of Terrestrial Ecosystems

SDG 16 Peace, Justice and Strong Institutions : Promote Peace and Equal Access to Justice

SDG 17 Partnerships for the Goals : Build International Collaboration Towards Sustainable Development

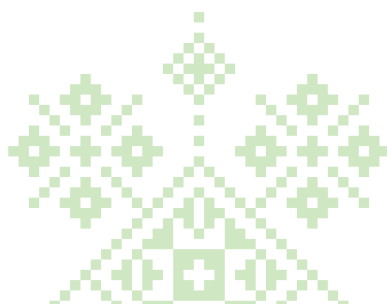
1 NO POVERTY

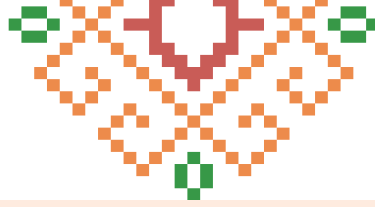


End Poverty



Integrate Lifestyles and Drive the Economy through Folk





Source: <https://www.cmu.ac.th/th/article/89f8da5b-b920-4e9a-aa9b-12bc2c9ad79b>

Implementations under the Integrated Socio-economic Upgrading of Sub-districts Project for Bio-Circular-Green Economic Model (U2T for BCG)

Chiang Mai University has carried out the activities under the Integrated Socio-economic Upgrading of Sub-districts Project for Bio-Circular-Green Economic Model (U2T for BCG) to provide trainings to the community members in the provinces of Chiang Rai, Lamphun, and Chiang Mai. Knowledge transfer includes banana-based product processing e.g. banana powder for brownie, capsulated raw banana powder, sticky banana, and preserved banana in honey. Furthermore, trademark designs, packaging designs, and marketing approaches through brand storytelling are all trained to increase the values of agricultural products, upgrade the product standards, and promote local agricultural product in a sustainable manner.



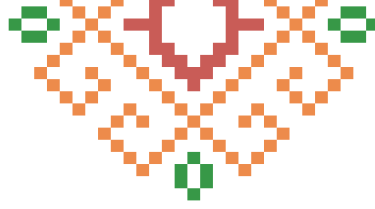
The Community Potential Enhancement Project for Participatory Business Management through Wisdom Base

Chiang Mai University has driven the potential enhancement of communities to establish their creative community businesses through the promotion and support as a community enterprise. Knowledge of agricultural product processing is also transferred, along with the creative tourism activities that combine agricultural lifestyles, local culture and folk wisdom to create a job opportunity and generate income to local people.



Source: <https://www.cmu.ac.th/th/article/9ba2ec0a-f6f2-4eea-be41-a01df9f47e25>





The Exhibition of Design and Development of Creative Pottery Handicraft Products from the 200-year Wisdom Base of Muang Kung Village

The CMU Creative Lanna Project is implemented by Chiang Mai University through the promotion of pottery handicraft products for Muang Kung Village, Hang Dong District, Chiang Mai Province, to maintain all the valuable wisdom for the product development with modernity and further the cultural tourism village. It is particularly aimed to generate income for local people and encourage the youths to pay attention to their local wisdom, while realizing the importance and values of a pottery craftsman and maintaining the pottery handicrafts and skills from generation to generation.



Source: <https://www.cmu.ac.th/th/article/b5c61837-633f-4dd8-9db6-b4f86d57bec4>



2 ZERO HUNGER



End Starvation and Establish Food Security



งานแสดงเทคโนโลยี นวัตกรรม และจำหน่ายสินค้าทางการเกษตร ยิ่งใหญ่ที่สุด บนพื้นที่ธรรมชาติกว่า 400 ไร่

1-12 ธ.ค. 65 เวลา 09.00 - 21.00 น.

ณ ศูนย์วิจัย สาธิตและฝึกอบรม การเกษตรแม่พิจ๊ะ มหาวิทยาลัยเชียงใหม่

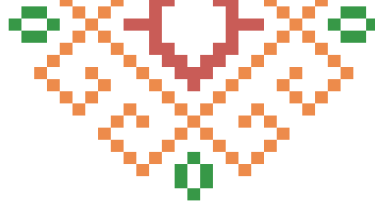
พบกับ

- สูดยอดนวัตกรรม เทคโนโลยีทางการเกษตร
- การจัดแสดงนิทรรศการ อาหารการวิจัย และเทคโนโลยี
- แลกเปลี่ยนระบบพี่เลี้ยง อาหารปลอดภัย กิจกรรม Work Shop
- ศูนย์กลางการจับคู่เจรจาธุรกิจ ด้านการเกษตรครบวงจร
- การจัดแสดง และจำหน่ายสินค้า เกษตรปลอดภัย สินค้าเกษตร
- ฟาร์มสัตว์บ้านเกษตร และการประกวดสัตว์จากหลายประเภท
- การแสดงพันธุ์พืชไม้ดอก ไม้ประดับ และ การประกวดพันธุ์ไม้หายาก
- กิจกรรมการท่องเที่ยวเชิงเกษตร อาหาร กім่าและสุขภาพ

www.northern-agricmu-expo.com NorthernAgriCMUexpo

Promote Income Generation, Apply the Innovations, Distribute Income to Communities

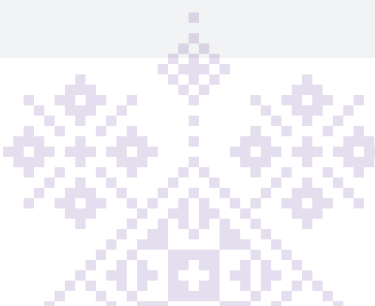


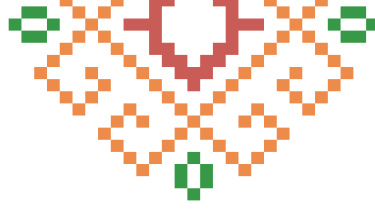


The Food Incubation Kitchen Playground

The Food Innovation and Packaging Center launched the Food Incubation Kitchen Playground to develop and promote the research investment and innovation for the entrepreneurs to seek the benefits from innovation economy. The targets are Small and Medium-sized Enterprises (SMEs) and Startups corresponding to the guidelines and objectives to develop the technology-based innovation regarding food and demands for relevant infrastructures. In this regard, the agencies concerning potential development for the entrepreneurs through food sciences, technology and innovation for innovative food have worked in collaboration with food specialists in the Northern Region to apply new innovations for product development and transfer knowledge to all entrepreneurs. It is also projected to promote the Food Incubation Kitchen Playground towards Deep Food Tech, factory management plan, business framework, and business model, including pitching, before further presentation to VC Connect to successfully form SMEs and Startups.

Source: <https://cmu.to/finfkip>





Fine Arts Market Activity

The Faculty of Fine Arts, Chiang Mai University, organized the Fine Arts Market Activity at its building to enhance the organizational culture for all personnel with attitudes and values regarding work performance in an honest manner. It was also to encourage the personnel to utilize their available resources for utmost benefits and foster the principles of sufficiency economy among its personnel and students. In this event, home-grown vegetables and commodities were fairly shared, exchanged or sold at a friendly price, whereby the price tags and money collection boxes or Payment QR Code were prepared and attached to the respective baskets.

Source: <https://cmu.to/fineartsmarket>

The 10th Northern Agri CMU Expo 2022

The Faculty of Agriculture in collaboration with private organizations jointly hosted the Northern Agri CMU Expo 2022 at Mae Hia Agricultural Research, Demonstration and Training Center. A number of activities for income generation included agricultural shops, food expo, business negotiation, academic seminars, agritourism, and health food.

Source: <https://northern-agricmu-expo.com/>

เกษตรภาคเหนือ
NORTHERN AGRICULTURE
EXPO 2022

NORTHERN AGRICMU EXPO 2022
Smart Agri for Well Being

งานแสดงเทคโนโลยี นวัตกรรม และจำหน่ายสินค้าทางการเกษตร ยิ่งใหญ่ที่สุด บนพื้นที่รวมมากกว่า 400 ไร่

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พบกับ

- สูดของนวัตกรรม เช่น เทคโนโลยีทางการเกษตร
- การจัดแสดงนวัตกรรม การจัดการ การจัดการ การจัดการ
- แบ่งปันความรู้แบบเพื่อนเกษตร อาหารปลอดภัย Kansas Work Shop
- คู่มือกลางการจับคู่ของธุรกิจ ด้านการเกษตรและนวัตกรรม
- การจัดแสดง และจำหน่ายสินค้าเกษตรและนวัตกรรม
- ฟาร์มเสมือนจริงและ การประชุมระดับนานาชาติ
- การแสดงพันธุ์พืชไม้ดอกไม้ประดับ และการประกวดพันธุ์พืชไม้ดอกไม้
- กิจกรรมการถ่ายทอดความรู้ด้านเกษตร อาหาร ฝักและสุขภาพ

www.northern-agricmu-expo.com NorthernAgriCMUExpo



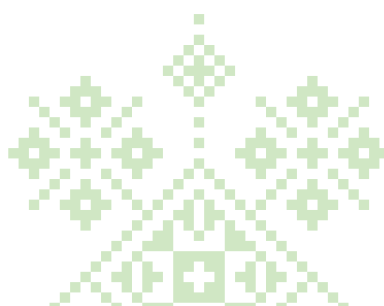
3 GOOD HEALTH AND WELL-BEING

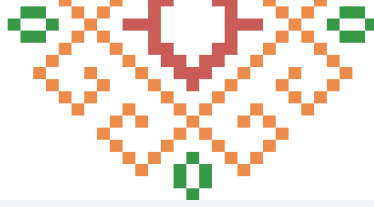


Promote Health and Well-being for All



Promote Knowledge and Raise Health Awareness of all Ages





CMU Senior Wellness Center, a Creative Space for the Aging Society with Full Potential

Under the joint agreement between Chiang Mai University and the Treasury Department, ‘CMU Senior Wellness Center’ is opened to serve as a hub for multidisciplinary healthcare services given to the senior citizens in the Northern Region with international standards, including knowledge of food innovation and healthcare to the general public or persons entering into the state of being a senior.

At CMU Senior Wellness Center, several types of services are provided under close supervision of specialists with senior healthcare experiences e.g. Physical-Hydro Therapy Center, Learning Hub for Elderly Life Quality, Elderly Training Center, Medical and Dental Clinic, senior fitness, Thai massage service, and other healthcare programs such as holistic physical fitness assessment, strengthening exercise of the knee, line dance, aerobic exercise, and workshop activity.

Source: <https://www.cmu.ac.th/th/article/b7f503ab-e0be-450d-a844-1211e9825c64>



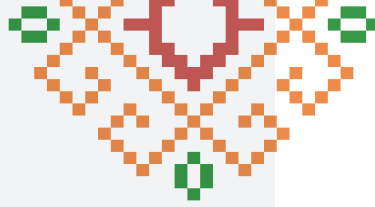
Activity for Promoting Knowledge and Awareness of ‘Alcohol Consumption Reduction’ for CMU Personnel and Students

Chiang Mai University organized an activity to promote knowledge and awareness of alcohol consumption reduction for its personnel and students under the Project of Smart and Sustainable Healthy Chiang Mai University to move forward a healthy university. It was also undertaken with the hope to encourage and support the university’s personnel and students with desirable and good health, with abstention from allurements and addictive substances, for themselves, family and colleagues, including peer students. This activity took place at the playground, CMU Food Center (Kin Nai Mor).



Source: <https://www.cmu.ac.th/th/article/56fdce5c-c675-4d8e-9acf-d5fe659094a8>





Breast Cancer Screening Volunteer Project for Women of Reproductive Age at Chiang Mai Woman Correctional Institution

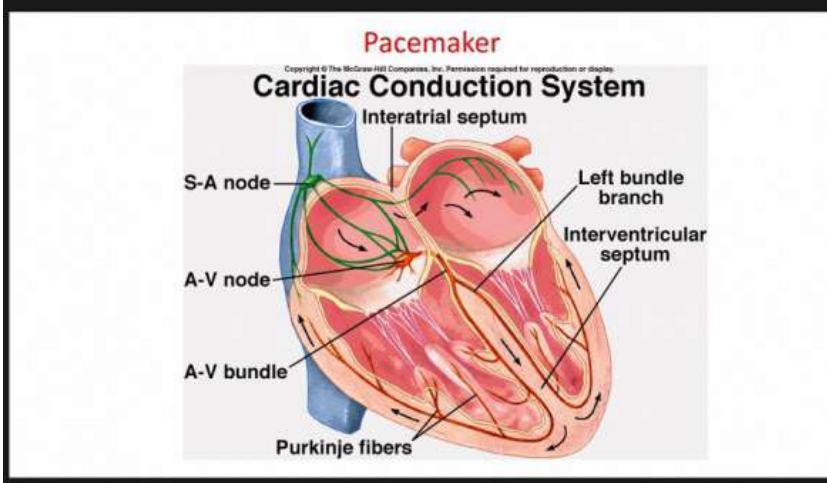
The Committee of Occupational Safety, Health and Environment of the Workplace, Faculty of Nursing, Chiang Mai University, arranged the Breast Cancer Screening Volunteer Project for Women of Reproductive Age to be devoted to the Princess Mother on the occasion of National Nurse Day at Chiang Mai Woman Correctional Institution.

In this project, lectures about breast cancer and relevant screening practices were conducted by lecturers from Obstetrics and Gynaecological Nursing Division along with master’s students in Obstetrics, Faculty of Nursing, who jointly gave guidance to the inmates at that place.

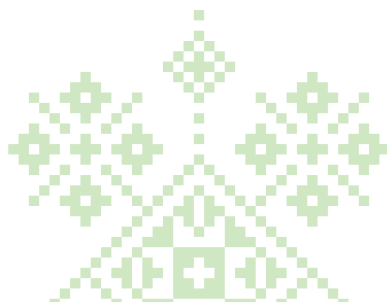


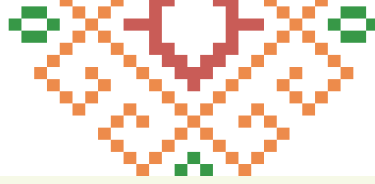
Source: <https://www.cmu.ac.th/th/article/b75f4a81-66e6-45d9-aa0f-72b7aa1b5fae>





Learning Innovation towards Sustainability





The 10th Northern Agri CMU Expo 2022 “Smart Agri for Well Being”

The Faculty of Agriculture, Chiang Mai University, an agency with a crucial role for supporting the national strategies regarding agricultural movement and development through modern production technologies and innovations with standards, safety and eco-friendliness, hosted the 10th Northern Agri CMU Expo 2022 “Smart Agri for Well Being” in order to disseminate the philosophy of sufficiency economy initiated by King Rama IX, maintain and continue the sufficiency economy concepts by King Rama X. Activities were divided into 6 zones: Agrinovations for Sustainability, Amazing Agrotourism, Living and Learning + Green & Clean Market, Greenovation Wonderland, Happy Farmland, and Agrinovation Forum. This expo was also deemed as an open house to introduce participants to the research farms and showcase the potential of the Faculty of Agriculture to enable students, farmers, and people in general to learn the information and agricultural advancements for their further application to tackle the agricultural problems. The expo additionally promoted tourism and economic development in Chiang Mai after the era of Covid-19.

Source: <https://northern-agricmu-expo.com/>

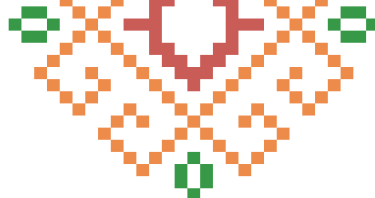


CMU’s Faculty of Education in Collaboration with EEF and Two Universities Host the Regional Learning Exchange Forum (Northern Region)

Through collaboration among the Faculty of Education, Chiang Mai University, Equitable Education Fund (EEF), the Faculty of Education, Pibulsongkram Rajabhat University, and the Faculty of Education, Kamphaeng Phet Rajabhat University, the Regional Learning Exchange Forum (Northern Region) viewed as the activity under the Project of Research, Monitoring and Development for Border Patrol Police Schools and Teachers, was specifically arranged. It was indeed targeted at learning exchange activities for the project implementation concerning the operational procedures, outcomes, and problems contributing to the lessons learned from such project to create a new body of knowledge and a development guideline for the Border Patrol Police School Model in distant areas. Participants included principals, teachers, 18 Border Patrol Police Schools, and other 16 networked schools. A total of 187 lecturers and researchers in the networked universities were Pibulsongkram Rajabhat University, Kamphaeng Phet Rajabhat University, Chiang Mai University, and coaches in the Northern Region.

Source: <https://www.edu.cmu.ac.th/news/3470-af2vrqjhw2tk32ztzjnc>





The Faculty of Education Student Union, CMU, launches the 20th Open Chalk Box Project

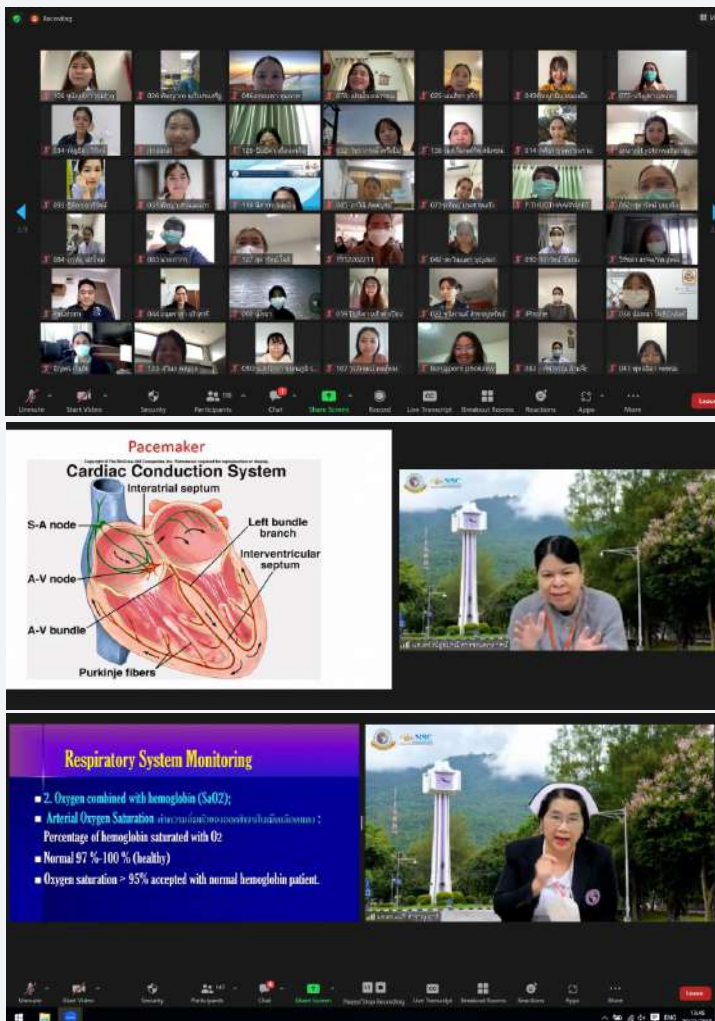
The Faculty of Education, Chiang Mai University, featured the 20th Open Chalk Box Project “Lifelong Learners, The Power of Education” to encourage its students to raise awareness and positive attitudes towards the teaching profession. Meanwhile, students from numerous schools actively took part in knowledge contests in several fields that created learning ambience, pleasure, and good images of the teaching profession. Activities included academic skills competition, academic exhibitions, introduction to the fields of study, fun activities by particular divisions, wisdom playground, food stalls, and student performances.



Source: <https://www.edu.cmu.ac.th/news/4103-o9obcdqo68g9gssii32i>

The Short-term Training Project Regarding Nursing Preparations for Critically-ill Patients

The Nursing Services Center, Faculty of Nursing, Chiang Mai University, offered the short-term training project in respect of nursing preparations for critically ill patients. It was truly carried out with aims to increase the knowledge and understanding among nurses for patient assessment to investigate a critical problem and possible risk, including knowledge of technology applications for surveillance of changing symptoms and medical devices for intensive care. Expectedly, it was to make patients safe from complications or undesirable incidents while reducing the mortality rate of patients. A number of 139 professional nurses attended the training session.



Source: <https://cmu.to/s4nicu>

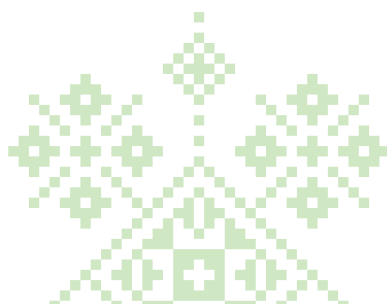
5 GENDER
EQUALITY

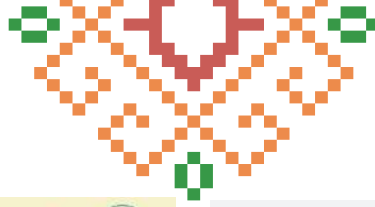


Ensure Equality for Women and All Genders



Create Gender Equality and
Promote Well Being for Women





The Breast Cancer Screening Volunteer Project on the National Nurse Day

The Committee of Occupational Safety, Health and Environment of the Workplace, Faculty of Nursing, Chiang Mai University, set up the Breast Cancer Screening Volunteer Project for Women of Reproductive Age to be devoted to the Princess Mother on the National Nurse Day at the 21st Century Classroom, Building 2, Faculty of Nursing, Chiang Mai University.

In this project, a number of activities concerning lectures of “breast cancer screening by medical personnel and breast self-examination” as well as breast cancer screening practices were accordingly arranged to raise awareness of breast cancer, a common disease found in women. Participants included lecturers from Obstetrics and Gynaecological Nursing Division along with master’s students in Obstetrics, Faculty of Nursing.

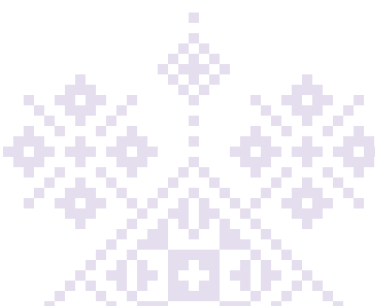
CMU Research Institute for Health Sciences Hosts RAINBOW’s WORLD in Pride Month

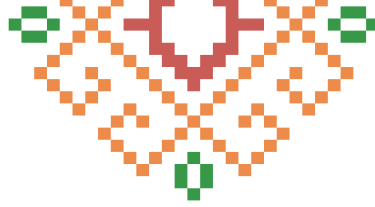
The Research Institute for Health Sciences, Chiang Mai University, under the Society of Intelligent and Sustainable Sexual Healthy Chiang Mai University Project, ran the RAINBOW’s WORLD in Pride Month at Sangkeet Playground, CMU. In this project, talks on “Today’s LGBTQ+ Rights”, Chang Yim Page’s exhibition booths, CAREMAT and MPLUS exhibitions, HIV testing services, and Rainbow Market were also held to promote sexual diversity within the campus space.



Source: <https://www.rihes.cmu.ac.th/news/16601>

Source: <https://cmu.to/n5bcc>





Policy Market EP.12: Women Leading Our Connected World (WOW) Season 3: Women & Mental Wellbeing

The Project of “Women Leading Our Connect World – Season 3: Women & Mental Wellbeing (WOW III)” was collaboratively launched during 1st March – 31st December 2022 via Facebook Live and Zoom by the School of Public Policy and its network alliances.

This project aimed to raise the public awareness of women and mental wellbeing and propose a good public policy, including knowledge of mental wellbeing combined with other dimensions of public policy e.g. importance of women’s mental wellbeing, stress management techniques, smart tips for using social media, raising a child with lifelong good health, physical and mental health activities.

Source: <https://spp.cmu.ac.th/policy-markets/policy-market-ep-12-wow3-women-mental-wellbeing/>

SOCIAL EMOTIONAL LEARNING

3 - 4 November 2022
15:00 - 18:00 (GMT+7)

WOW III - TRAINING WORKSHOP 4
Social Emotional Learning (SEL)

Zoom: 995 0098 6919

Online venue at
CMU EEZ Active Classroom
(Room 11 at TLJC Building, 2nd floor.)

Trainer
Gameruzzaman Amir

WOMEN LEADING OUR CONNECTED WORLD

Policy Market

WOW III - TRAINING WORKSHOP 5

Positive Parenting for Life-Long Health (PLH)

วันที่ 28 ตุลาคม 2565
เวลา 11:00 - 12:00

การเลี้ยงดูเด็กดีถึงมีสุขภาพดีตลอดชีวิต

Zoom: 945 7751 9914

SCHOOL OF PUBLIC POLICY

WOMEN LEADING OUR CONNECTED WORLD

Topics:

- ความสำคัญของการเรียนรู้
- การจัดการตนเอง
- การจัดการเวลา
- การพัฒนาตนเอง
- การสร้างแรงบันดาลใจ

วันที่ 6-7 มิถุนายน 2565
เวลา 8:30 - 16:30 น.

WOW III - Training Workshop
Psychological Skill & Relationship

สถานที่: Mochroom Cafe (บริเวณใต้
โถงเชื่อมระหว่างอาคาร 1 กับ 2)

วิทยากรพิเศษ
ดร.โสภณชนก อึ้งไพรัตน์

SCHOOL OF PUBLIC POLICY

WELLBEING & PUBLIC POLICY

Meta

WOMEN LEADING OUR CONNECTED WORLD

HUMAN POTENTIAL DEVELOPMENT

31 August 2022
from 9:00 - 15:00

WOW III - TRAINING WORKSHOP 3
Human Potential Development (HPD)

Speaker
Asst. Prof. Jonathan C. de la Cerna
Professor of Psychology
University of the Philippines - Dilao

at The Brick X
Northern Science Park
Cheng Mei, Thailand

Policy Market

WOMEN LEADING OUR CONNECTED WORLD

Meta

International Women's Day

วันที่ 8 มีนาคม 2565
เวลา 13:00-13:45

EP-1 ความสำคัญของการดูแลตัวเองของหญิง
สาวในยุคที่ก้าวไกลสู่สังคมที่ก้าวไกล
สู่สังคมที่ก้าวไกล

Zoom: 945 7751 9914

Policy Market

SCHOOL OF PUBLIC POLICY

Meta

WOMEN LEADING OUR CONNECTED WORLD

Women's Health Training for Youth

วันที่ 31 พฤษภาคม 2565
เวลา 11:00 - 12:00

EP2 เทคนิคการจัดการกับความเครียด
ผ่านการเล่นกีฬา (Sports for Youth)
จาก 10:00 - 10:20 (Pre-Workshop)
โดยวิทยากรพิเศษ (Special Guest)
ดร.ณัฐพร อึ้งไพรัตน์

Zoom: 945 7751 9914

Policy Market

SCHOOL OF PUBLIC POLICY

Meta

WOMEN LEADING OUR CONNECTED WORLD

Social Media & Wellbeing

วันที่ 19 กรกฎาคม 2565
เวลา 10:00 - 11:30

EP-3 Social Media & Wellbeing
การดูแลสุขภาพจิตในยุคโซเชียลมีเดีย
• เทคนิคการดูแลสุขภาพจิตในยุคโซเชียลมีเดีย
• เทคนิคการใช้โซเชียลมีเดียอย่างปลอดภัย
• เทคนิคการดูแลสุขภาพจิตในยุคโซเชียลมีเดีย

Zoom: 945 7751 9914

Policy Market

SCHOOL OF PUBLIC POLICY

Meta

WOMEN LEADING OUR CONNECTED WORLD

Psychological Wellbeing of Thai Police

วันที่ 30 กันยายน 2565
เวลา 11:00 - 12:00

EP-4 Psychological Wellbeing
การดูแลสุขภาพจิตของตำรวจไทย
• เทคนิคการดูแลสุขภาพจิตของตำรวจไทย
• เทคนิคการใช้โซเชียลมีเดียอย่างปลอดภัย
• เทคนิคการดูแลสุขภาพจิตในยุคโซเชียลมีเดีย

Zoom: 945 7751 9914



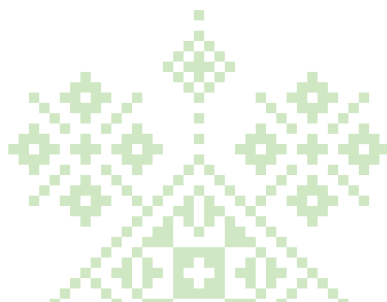
6 CLEAN WATER AND SANITATION

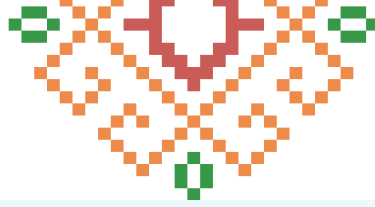


Manage Water Sustainable for Everyday Use



Manage Water Resources Effectively to Improve People's Quality of Life





“Mae Kha Canal”, a New Landmark and Check-in Point for Income Generation and Local Economy Driving

A working team of Academic Center for Water Management, Chiang Mai University, along with Chiang Mai governor and related agencies, made a trip to Ragaeng Bridge behind Hua Fai Temple, Chang Klan Subdistrict, Mueang Chiang Mai District, covering the area of 750 meters, to monitor the progress of Mae Kha Canal improvement. Regarding this matter, Chiang Mai University jointly planned the urgent measures or Quick Win in three aspects e.g. management of water budget flowing into Mae Kha Canal, study and design of additional wastewater collection and treatment system, and canal improvement and its beautiful landscape, including housing management for communities encroaching the canal. Chiang Mai Provincial Administration, in fact, has performed the Mae Kha Canal Master Plans and operation plans to serve as a key mechanism for monitoring, tracking, and driving the implementation in a continuous and effective way. Landscape adjustment, pedestrian walkway, and water treatment are all arranged to promote a landmark of Mae Kha Canal. At present, a landscape along both sides of the canal is beautifully visible, whereas local residents grow crops and decorative plants along the canal banks. The water keeps flowing and its quality is clearly improved. It is therefore appreciated by the public as a new landmark of Chiang Mai.



Source: <https://www.cmu.ac.th/th/article/80094ca5-8cd8-4360-8677-175fe0879b6b>



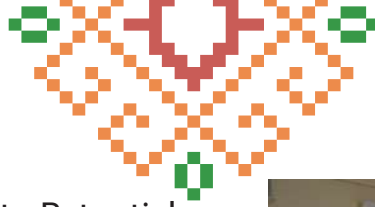
Collaboration between CMU and NHC to create “Front National Hydroinformatics” for Upper North

Chiang Mai University and National Hydroinformatics Data Center (NHC) joined the signing ceremony regarding the MOU for Academic Cooperation, “Front National Hydroinformatics (Upper North)”, to pilot the national hydroinformatics at the first regional level of Thailand. Office of the National Water Resources actively took part in the integrated water management with aims for application, research, and development of information technology from the national hydroinformatics. It was also to use the hydroinformatics technology for spatial water resources management and apply the royal guidance of King Rama IX for the maximum efficiency of water resources management, including knowledge exchange and personnel potential enhancement. The results were potentially applied for further benefits and preparations for the impacts caused by climate change. These were also set for accomplishments on network building in terms of community-level water resources management as a foundation of local development and a role model for other communities to adapt them as their own operational guidelines to enhance the quality of life among local people.



Source: <https://www.cmu.ac.th/th/article/946f49ce-d6b9-4b4e-9f62-b76237b696d5>





The Project of Water Budget Potential Enhancement for Educational Support, HecCMU, Lamphun Province

The Project of Water Budget Potential Enhancement for Educational Support, Chiang Mai University “Hariphunchai” Centre, Lamphun Province (Hec CMU), was effectively carried out by Chiang Mai University to ensure the sufficient amount of water for consumption among students, personnel, officers and agencies.

Source: <https://cmu.ac.th/th/article/fec53467-d0f9-421e-8b18-57f67668b7bb>



Go Green Together for Communities: “Building Check Dams for Forest Moisture Restoration”

The Volunteer and Public Service Club, Faculty of Agriculture Student Union, Chiang Mai University, enthusiastically participated in the Project of Go Green Together for Communities: “Building Check Dams for Forest Moisture Restoration” at Community Forest of Ban Pa Puai, as organized by Sribuaban Subdistrict Municipality, Mueang Lamphun District, Lamphun Province.



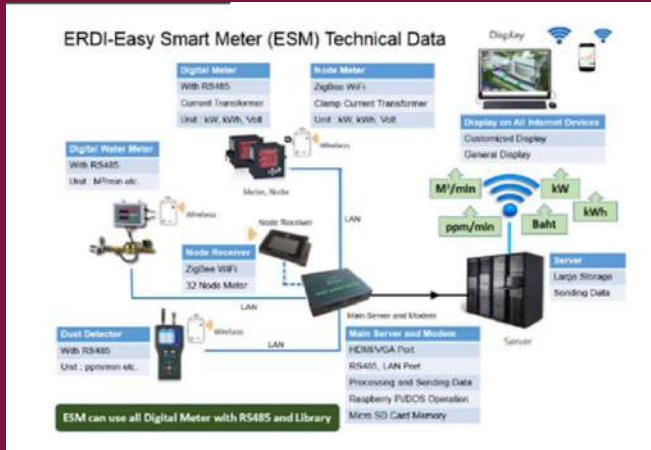
Source: https://www.agri.cmu.ac.th/2017/webs/info_activity_detail/23045



7 AFFORDABLE AND CLEAN ENERGY



Increase Accessibility to Sustainable Energy



SMART WATER METERS

โครงการการติดตั้งระบบมิเตอร์น้ำอัจฉริยะ (Smart Water Meter) เพื่อการบริหารจัดการน้ำอย่างมีประสิทธิภาพ มหาวิทยาลัยเชียงใหม่

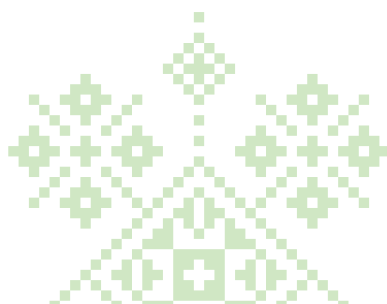


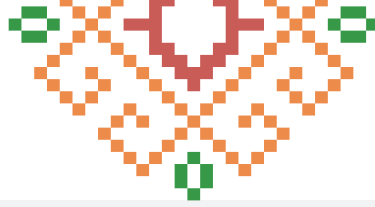
ต้นแบบระบบตรวจติดตามการบริหารจัดการน้ำ ในพื้นที่มหาวิทยาลัยเชียงใหม่ เพื่อให้เกิดการบริหารจัดการน้ำของแต่ละส่วนงานอย่างมีประสิทธิภาพมากขึ้น และสอดคล้องกับระบบการบริหารจัดการภายในมหาวิทยาลัย (Smart Management Center) ตามยุทธศาสตร์เชิงรุกสิ่งแวดล้อมและพลังงานของมหาวิทยาลัยเชียงใหม่

- จัดการ Peak load ได้ดียิ่งขึ้น
- รู้จุดรั่วไหลของพลังงานได้ทันที
- ประหยัดค่าไฟสายกระแสเอช

ERDI-Easy Smart Meter

Provide Knowledge and Promote Sustainable Use of Energy





CMU Installs the Smart Electricity and Water Networking System for Clean and Eco-friendly Energy

Chiang Mai University begins to install the Smart Meter which aims to replace the former analog meter to enhance the efficiency of electricity network management, along with an installation of the Smart Water Meter to perform water management more effectively, within the university. It is hoped to deal with the energy and public utilities in an effective manner, reduce the use of electricity, cut down carbon footprints, and minimize the use of water supply concretely. All efforts actually support the model city of Chiang Mai University towards excellence of environmental innovation and energy. In fact, these are pursued in compliance with the university development as CMU Smart City – Clean Energy and a model that can be shown to the public in a visible manner.

Source: <https://www.cmu.ac.th/th/article/56c9f031-a476-4d6e-b64e-15cab62a92f5>

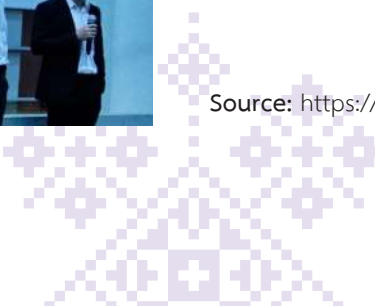


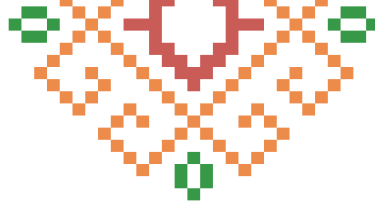
Collaboration between Department of Mechanical Engineering and CMU ETE to Run the Skybelt under Erasmus Framework for Upgrading Education in Renewable Energy



The Department of Mechanical Engineering and the Energy Technology for Environment Research Center (ETE), Faculty of Engineering, Chiang Mai University, has operated the Skybelt Project under the Erasmus Framework supported by the European Union (EU), placing a focus on the doctoral and master education in renewable energy (RE). On the campus, a total of 10 courses are accordingly offered at bachelor's and master's degree levels, in addition to the data system and feedbacks obtained from those entrepreneurs of the university system and relevant industries. Laboratory equipment supports given to Chiang Mai University include PEM Fuelcell, PV Cell training and Air source heat pump.

Source: <https://eng.cmu.ac.th/?p=29503>





City Gas Grid, Tao Ngoi Model, Sustainable Development of Energy and Environment for Communities

The Promotion and Demonstration Project of Biomethane Gas Utilization through City Gas Grid for LPG Replacement in the Model Community, initiated by Energy Research and Development Institute-Nakornping, Chiang Mai University, and Doi Kham Food Products Company Limited as operated in the community areas near the company and the Third Royal Factory (Tao Ngoi), has made local villagers realize the importance and benefits of Compressed Biomethane Gas (CBG). The project also continues through an establishment of the Na Ngoi - Pone Pla Lo Biomethane Community Enterprise to concretely manage the CBG Funds and alternative energy by itself in a sustainable way. These can help reduce the expenses during an unstable economy and ensure villagers with clean and eco-friendly energy. Tao Ngoi Model, viewed as alternative energy for communities, is to utilize the biogas from wastewater for CBG production to replace Liquid Petroleum Gas (LPG) used in the communities and cut down the LPG expenses. It eventually leads to energy sufficiency, community sustainability, and less dependence on the LPG imported from foreign countries.

Source: <https://erdi.cmu.ac.th/?p=3962>

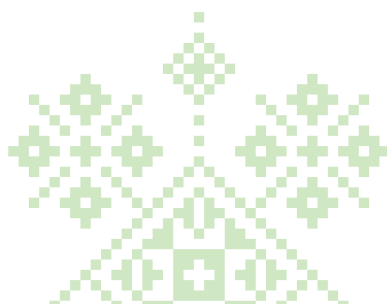


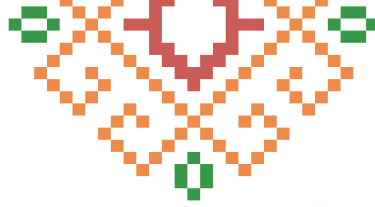


Promote Sustainable Economic Growth



Generate Income to Communities,
Give Business Learning Opportunities to Students,
Promote Careers for the Elderly





“Kad Mua, Consolidation Efforts, Chom Chaeng, Happiness” under Concepts of U2T for BCG1

The Science and Technology Research Institute, Chiang Mai University, in association with Chom Chaeng Subdistrict Municipality, Khee Lek Subdistrict, Mae Taeng District, Chiang Mai Province, jointly organized “Kad Mua (Miscellaneous Market), Consolidation Efforts, Chom Chaeng, Happiness” to integratively improve the local economy and society. At this event, University to Tambol (U2T) exhibition booths, demonstration of controlled-release vermicompost, food markets, temple and community activities, community products, local vegetables and food, gifts and survenirs were also included.

This event successfully enabled the community to obtain the vermicomposts and leaf-made containers from the U2T teams. Meanwhile, agricultural produce and community products were widely known and could generate income for the community members, in addition to local tourism promotion to tourists and the general public.



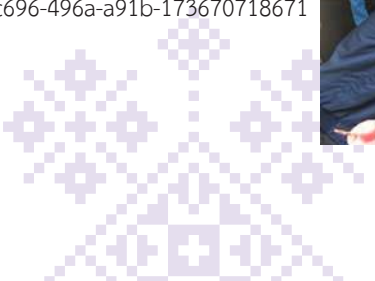
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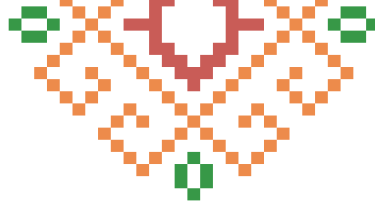
CMU Pushes Gen Z towards New Era CEO

Chiang Mai University and Department of International Trade Promotion, Ministry of Commerce, executed the Memorandum of Understanding (MOU) for Academic Cooperation under the Project of “From Gen Z to be CEO” deemed as the project that offered a business learning opportunity to students, whether business management for modern production systems, logistics, domestic and international marketing approaches, including 5G technology applications to develop a new era CEO and serve as a key mechanism for the country’s development. Indeed, it was regarded as “New Era Entrepreneur” to keep up with modern businesses through an integration of knowledge and innovations.

This project is hoped to produce new entrepreneurs with full potential as a crucial mechanism to push forward and strengthen the economy at domestic and international levels, including generating income and benefits to themselves and their families in the approaching years.

Source: <https://cmu.ac.th/th/article/8d5cc4cd-c696-496a-a91b-173670718671>





Khon Thai MEDEE Festival 2022: Visiting, Viewing & Shopping

The CMU Lifelong Education held “Khon Thai MEDEE Festival 2022: Visiting, Viewing & Shopping” under the Project of Multi-generation Entrepreneur Development Educational Ecosystem (MEDEE), a new learning platform from folk wisdom towards multi-generation entrepreneur development. This project has prioritized the importance of preparations for Thai society towards the aging society to obtain an opportunity to seek knowledge and develop essential life skills while moving forward the economy and acting as a force for the society. This event featured Paslop dance, goods sales, survenirs from 17 provinces, delicious food from well-selected shops, folk song music contest by 9 music bands of CMU students at Sangkeet Playground (Angkaew), Chiang Mai University.



Source: <https://cmu.ac.th/th/article/d60cd9c5-f162-408c-adf4-48b868ab74d1>

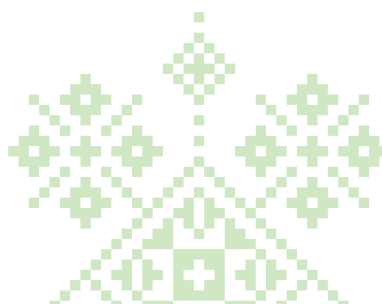


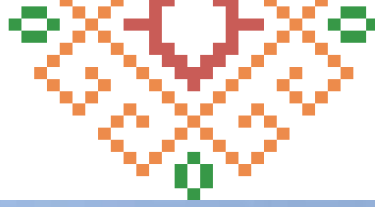


Develop Sustainable Industries and Innovation



Adhere to the Development of Infrastructures to Promote Well Being for the Society





CMU Civil Engineering Establishes CMU RailCFC to Push Forward Thai Railway to the World

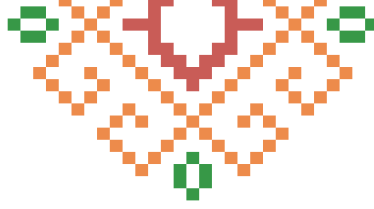
The Faculty of Engineering, Chiang Mai University, established Chiang Mai University Advanced Railway Civil and Foundation Engineering Center (CMU RailCFC), led by Associate Professor Dr. Peerapong Chitsangiam, Head of the Center. This center was initiated with the support of Chiang Mai University executives, who realized the importance of substructure technology for the railway, targeting at the world-class level for railway track foundation structure. It was also set up to mainly develop the railway engineering research and serve as a core testing center for Thailand regarding track ballast, sub-ballast, and subsoil while providing support to collaborative study programs and joint international research to produce personnel in response to the country's railway demands, apart from the main center for training program development to both governmental and private sectors.

In addition, CMU RailCFC has set out a clear vision on the future technology like a wireless sensor that will play a key role for the railway. Accordingly, a smart rock detector is embedded in the railway as if it was subgraded rock to examine the deterioration of a train and precisely process the data to report the responsible center in a real-time manner. These efforts are to reduce the damage caused by “delay” or “suspension” and “no running” of the train, with no budget loss for restoring the damaged train, time saving, and increased efficiency for transportation.



Source: <https://www.cmu.ac.th/th/article/ac9e98a9-f64e-4d13-9019-091cafe86875>





CMU Joins with ETDA towards “Digital University”

Chiang Mai University and Electronic Transactions Development Agency (ETDA), Ministry of Digital Economy and Society, signed the MOU on joint cooperation for digital transformation to support the organizational operation based on the CMU’s 13th Development Plan, truly committed to the entire transformation in order to improve work efficiency and catch up with modern education. Additionally, it was aimed to drive and promote CMU operations towards digital technology application for the overall university administration, while enhancing the new capacity of an organization to achieve the goals in a short term. In fact, it was considered organizational transformation towards a smart office and a digitally modeled organization.



Source: <https://cmu.ac.th/th/article/4a25b003-0a8c-423e-b8db-cd2185e107ea>

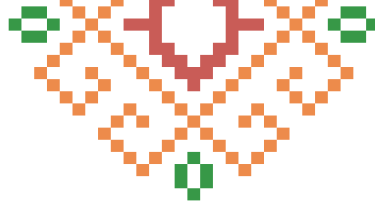


CMU and Soil Testing Siam Jointly Develops the Railway Foundation Technology

President of Chiang Mai University, Dean of Faculty of Engineering, and Soil Testing Siam Co., Ltd. collaboratively executed the Memorandum of Understanding (MOU) for Academic Cooperation with the purpose of developing the technology for research studies and essential testings in civil engineering related to the railway, particularly for the railway foundation that would put a positive impact on the future development of the country.

Source: <https://www.cmu.ac.th/th/article/a38aa60b-2e8f-45d1-8521-77e63acad461>





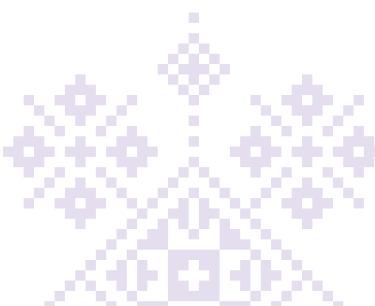
CMU HPC ERAWAN, High Performance Computing for Research

The Information Technology Service Center (ITSC), Chiang Mai University, and the Project of High-Performance Computing Development for Climate Change and People's Illness Data Analysis arranged the lecture on CMU HPC ERAWAN: High-Performance Computing for Research.

This project received the support from the Program Management Unit for Competitiveness (PMUC) to develop the HPC platform, provide services for climate change data management, occurrence of natural disaster and health impacts, and promote the research by using advanced analytics techniques to solve the problems caused by climate change. It was additionally to develop the personnel with HPC skills and create business innovations as well as public management for sustainable solutions. In fact, High Performance Computing or HPC rests on the concurrent processing of many computers, including the application of Graphic Processing Unit (GPU) for complex mathematical calculations to acquire quick and precise outputs.



Source: <https://www.cmu.ac.th/th/article/bba777e0-1fa0-4334-835c-382c0aaafb07>





พลัง
ของ
"นักศึกษา
พิเศษ"
และ
แรงบันดาลใจ
จากรั้วสีม่วง

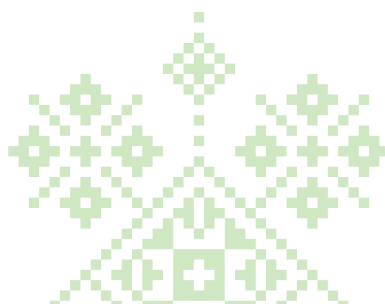


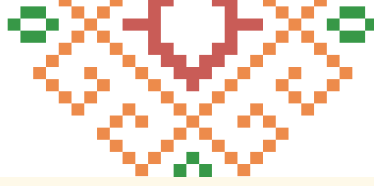
<https://cmu.to/IX4tm>

4 CMU
5 10 SDGs



Provide Housing Services to Patients' Relatives in Need, Enhance Career Skills for the Disability, Promote Educational Opportunities for Graduates to Develop the Locality



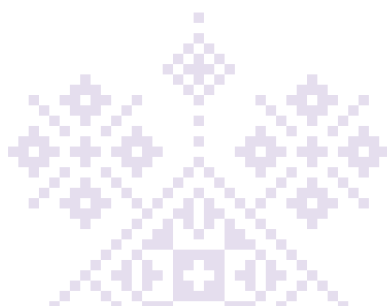


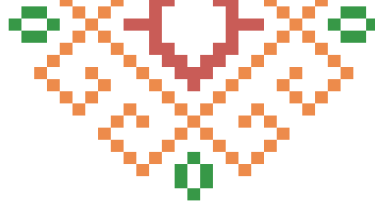
Housing Services for Patients' Relatives in Need by Maharaj Nakorn Chiang Mai Hospital

The Faculty of Medicine, Chiang Mai University, provides housing services to patients' relatives in need regarding the housing expenses to accommodate patients having difficulty finding the residence during their medical treatment at Maharaj Nakorn Chiang Mai Hospital. This service starts from 25 January 2022 onwards.

Located 300 meters away from the Hospital, the Suan Dok Patients' Relative Building, with 200 beds, offers full amenities and housing services with bedding sets, along with water supply and electricity as well as separated clean bathrooms, including a resting room, library, dining room, and coin-operated washing machine.

Source: <https://www.cmu.ac.th/th/article/73bb111c-a470-46e9-95cc-6c49db75fa17>

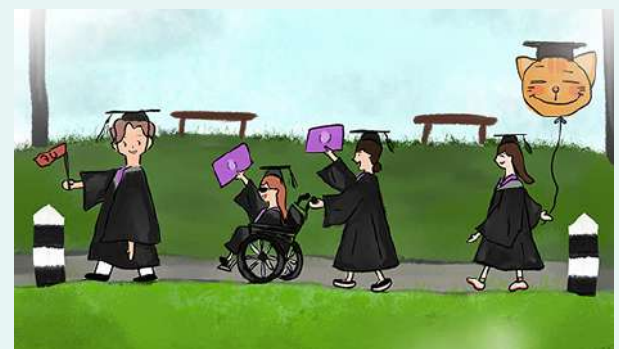




Power of “Students with Special Needs” and Inspiration from CMU

The Disability Support Service of Chiang Mai University or DSS CMU under the Student Development Division, Office of the University, has launched the university admission project for students with special needs since 2005, whereby most of them are those with hearing impairment. A current number is a total of 44 special needs students whereas 78 students have completed the study programs and pursued their dream careers. These students include those with hearing impairment (deafness, hearing loss), visual impairment (blindness, low vision), physical and mobility disability, autism and learning disability. All these students enroll in the study programs in 12 different faculties.

A participatory management in education enables students with special needs to develop their own potential. Meanwhile, this practice encourages people to learn about no separation for any difference or impairment. It is therefore deemed to promote educational equality collaboratively undertaken by all related parties, led by DSS CMU as a key agency for assistance and facilitation towards special needs students. Both academic and living skills are continuously trained throughout their study periods, in addition to arrangement of environmental settings to best facilitate their living.



Source: <https://cmu.ac.th/th/article/90708adf-4c34-443f-9d15-bc660040acc1>

CMU Pushes Forward Educational Opportunities and Produces Graduates to Serve their Locality

The Faculty of Associated Medical Sciences, Chiang Mai University, has continuously operated the Royal Initiative Project since 2013 by visiting and developing local communities in Omkoi District of Chiang Mai Province. According to the collected information, a lot of students there cannot continue to study at a university level, particularly for the medical field. As a result, a special project to accept those students is initiated on the condition prescribed by the Faculty of Associated Medical Sciences that they have to return and develop their locality after graduation. This project, in fact, corresponds to the university’s objectives in respect of social responsibility as contained in its vision, “A leading university with social accountability and sustainable development”. The project additionally brings benefits to the locality and the whole country.



Source: <https://cmu.ac.th/th/article/299ccc0c-2625-43b9-b156-c7a5f335c7fd>



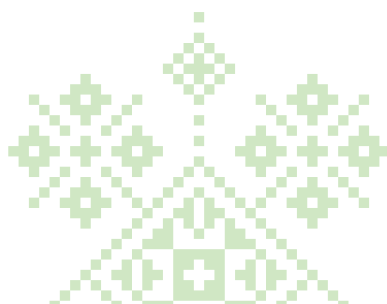
11 SUSTAINABLE CITIES AND COMMUNITIES

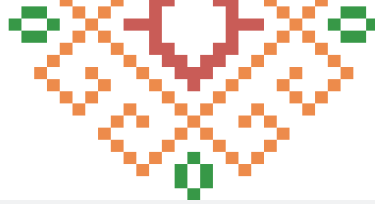


Create Cities and Safe Settlements



Conserve Lanna Lifestyles,
Move Forward by Technology





CMU Develops “MooVe” Mobile Application, a Digital Platform for Lampang Public Transportation

Led by Lampang Provincial Land Transport Office, Lampang Municipality, Lampang Chamber of Commerce, and Young Entrepreneur Chamber of Commerce (YEC), the digital platform development for public transportation is undertaken to boost the local economy in Lampang City, along with “MooVe” Mobile Application created by Science and Technology Park, Chiang Mai University (STeP). This digital platform is specifically arranged for the public transportation system and big data management, consisting of three main systems e.g. a driver system, a passenger system, and a back-office system for administrators, systematically linked to the real-time transportation service. It is believed to improve public accessibility and effective management of public transportation system in Lampang Province, apart from accessible data for further analysis and improvement. In the first period, a total of 14 pilot service spots are available at main places in Lampang. This project is hopefully expected for population diversity and convenient transportation to better access the public transportation and public health services while boosting a circular economy in the locality, amounting to 210 million baht.



Source: <https://www.cmu.ac.th/th/article/8e2c3282-d63e-426a-8848-afd00d07092e>

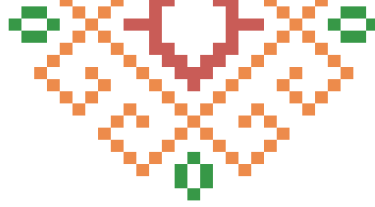
CMU and Power Next initiate Electric Motorcycle Projects and Networked Battery Swapping Stations on Campus

Chiang Mai University and Power Next Company Limited signed the Memorandum of Understanding (MOU) on Project of Electric Motorcycles and Battery Swapping Station Networks within the University, led by Smart Campus Management Center as a core agency for building cooperation and strong mechanism for related implementations to achieve the set-out goals. With the scope of this collaboration, the research studies and innovations will be promoted for CMU students, lecturers and personnel to study electric motorcycles, batteries, and battery swapping stations, including service and network management systems, energy platforms, trainings and actual operations. This project expectedly aims to reduce CO₂ emissions, the situation of global warming, use of oil energy, fine particle pollution (PM 2.5), noise pollution, and traffic accidents. It eventually leads Chiang Mai University to be a green university leader in the upcoming years.



Source: <https://www.cmu.ac.th/th/article/44602bc2-b5ca-4e56-9b72-6bbe430960bb>





Local Wisdom of Lanna House Building and Craftsmanship Knowledge Transfer for Conservation of Lanna Traditional Houses

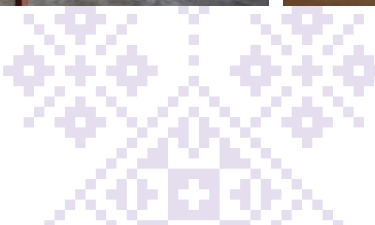
The Center for the Promotion of Arts and Culture, Chiang Mai University, featured an exhibition of local wisdom and the buildings of Lanna houses as a continuing activity from the Lanna Traditional House Museum, financially supported by Ambassadors Fund for Cultural Preservation (AFCP). The event consisted of 3 exhibition zones below.

Zone 1. Lanna Houses and Way of Life: this zone narrated the usage space of the house corresponding to Lanna's way of life.

Zone 2. Local Wisdom and the Building of Lanna Houses: this section displayed essential building tools divided into 5 respective categories e.g. planing, cutting, wood chipping, holding, and measuring equipment.

Zone 3: Understanding Woods – The Usages of Woods: this part described several types of hard woods frequently used by Lanna people for a house construction e.g. teak wood, rosewood, iron wood, shoreawood, and sal wood, along with tips to identify each particular type of woods by an odor.

Source: <https://www.cmu.ac.th/th/article/acd7b470-2aa4-4532-a2e5-f67d0bc4da2c>

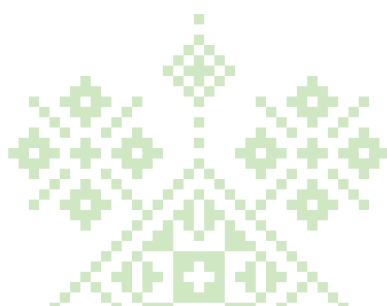


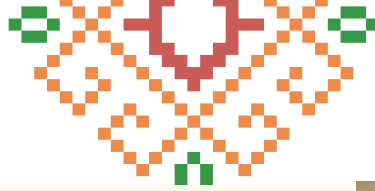


Establish Sustainable Pattern of Production and Consumption



Tackle the Problems, Increase the Values,
Continue the Development





CMU and CM PAO Launch Model Roads Made from Plastic Waste for Community Benefits

Chiang Mai University has performed the integrated solid waste management with zero waste by using leftover plastics from the model waste segregation plant as a mixture in asphalt concrete for road construction and repairs within the university. According to the research conducted by the Faculty of Engineering, Chiang Mai University, it is possible to build the model roads from plastic waste. This typical road made from used plastics is also approved by the Energy Research and Development Institute-Nakornping, Chiang Mai University (ERDI-CMU) in terms of its strength and safety standards without environmental impacts as required by the Department of Highways and the Department of Rural Roads.

Chiang Mai Provincial Administrative Organization (Chiang Mai PAO) placed importance on knowledge of utilizing plastic waste as asphalt concrete surface materials, modeled by Chiang Mai University. Chiang Mai PAO therefore expected to use its plastic waste more effectively and create the values to those plastics. The MOU signing ceremony with Chiang Mai University regarding “Project of Plastic Utilization Development for Asphalt Concrete Roads from Plastic Waste” was accordingly organized.



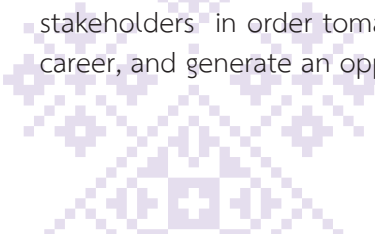
Source: <https://www.cmu.ac.th/th/article/4b8f5d27-8485-4f42-87a6-de0a3507f210>

CMU Reduces the Haze Problem through Development of Rice Straw Pulp from Leftovers

With collaboration among the Faculty of Agroindustry, Faculty of Engineering, Northern Science and Technology Park, School of Public Policy, and Lanna Rice Research Center, Chiang Mai University, the Project of “Rice Straw Value Creation through Innovative Production from Rice Straw Pulp and Lightweight Building Materials for Sustainable Reduction of Environmental Pollution in Northern Region” is operated to effectively deal with the haze problem with impacts on the quality of living among the northern people. Such cooperation can develop rice straw leftovers into rice straw pulp for other benefits e.g. a container having similar properties as a bagasse container, natural fiber paper, food thickening agent, and wound dressing film. In addition, it reduces the use of plastics causing microplastic contamination in the environment whereas rice straw processing can increase an income for farmers. Indeed, the research innovation is transferred to farmers and officers from Office of Farmers Council in 8 upper north provinces (Chiang Mai, Chiang Rai, Lamphun, Lampang, Phrae, Nan, Phayao and Mae Hong Son). Following implementations are monitored by researchers, farmers and private sector to develop it into the public policy for communities and stakeholders in order to maximize the use of rice straw, create a new career, and generate an opportunity to the entrepreneurs.



Source: <https://www.cmu.ac.th/th/article/5517c20e-aae8-462d-9be4-2789e85184e5>





Special Lecture on “Proper Waste Management by BCG Economic Model”

The Faculty of Agriculture, Chiang Mai University, conducted a special lecture on “Proper Waste Management by BCG Economic Model”. Specialists and experts provided knowledge of suitable waste management and separation for recycling process with the purpose of promoting proper waste segregation and effective recycling activities. This event also targeted at raising awareness of waste disposal to students and personnel within the Faculty of Agriculture to utilize resources for the utmost benefits and the environment based on the Policy of Biocircular & Green Economic Model.

Source: https://www.agri.cmu.ac.th/2017/webs/info_activity_detail/22887



Research Institute for Health Sciences Educates Debsirin School Students Regarding Awareness of Food Safety

The Environment and Health Research Unit, Research Institute for Health Sciences, paid a visit to Debsirin School, San Pa Tong District, Chiang Mai Province, to disseminate knowledge of development guidelines on building food safety sources in school to a total of 300 students through various activities with the following objectives:

1. To raise awareness of using agricultural chemicals safely.
2. To prevent the chemical hazards.
3. To fully promote food safety sources under the Principle of Sufficiency Economy in school and community engagements.

Besides, an expansion was made to sources of food safety for the elderly in San Pa Tong and Omkoi Districts of Chiang Mai Province.



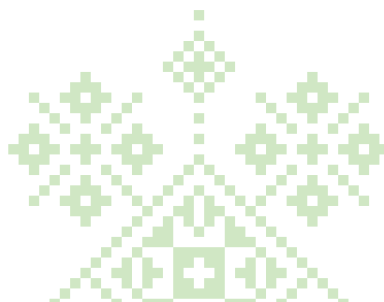
Source: <https://www.cmu.ac.th/th/article/dc59c5f8-9ddb-4b68-8dfa-b25d6d4dd31c>

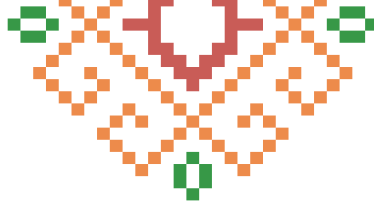


Perform Immediate Actions to Stop Global Warming



Promote Awareness Towards Innovations to Handle the Local Haze Problems



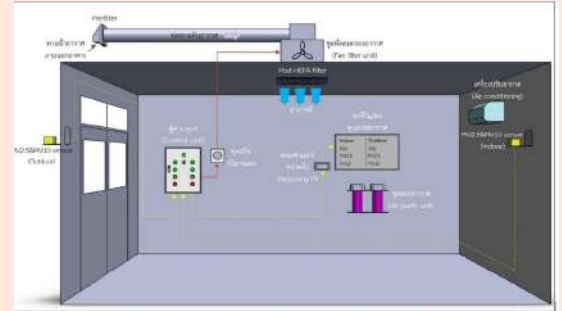
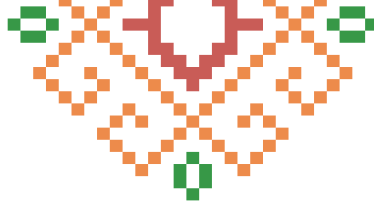


Workshop for Using Applications to Report PM 2.5 in Chiang Mai

The Faculty of Social Sciences, Chiang Mai University, held the workshop for using applications to report the situation of PM 2.5 in Chiang Mai Province, known as the Fire Management Decision Support System or FireD. The use of the FireD Application was demonstrated by Head of the Research Project, with the purpose of providing academic data to the decision makers to “approve/disapprove” some fire-dependent activities of land utilization during the wildfire surveillance. The concept of “essential fire” was then applied for proper timing as it greatly put an impact on the air quality. This system actually contained important data e.g. haze forecasts, meteorological data, hotspot data, and ventilation rates. It was hoped that this system would serve as an alternative for tackling the haze problem in the areas of Chiang Mai Province and the whole Northern Region.

Source: <https://www.cmu.ac.th/th/article/c91da432-7935-4380-9bb0-dd0433cbacb3>





Smart Dust Detector for PM 2.5 Alert

The Faculty of Engineering, Chiang Mai University, released the Project of “PM 2.5 Problem Management in Upper Northern Communities through the Digital Network of Smart Dust Detector” to deal with the haze problem, using the digital technology innovation, and prevent local people from excessive PM 2.5 hazards. These efforts help realize the public to prevent themselves against the possible diseases caused by the haze pollution. The dust detectors were then installed at a total of 80 pilot communities in Ban Hong District of Lamphun Province.

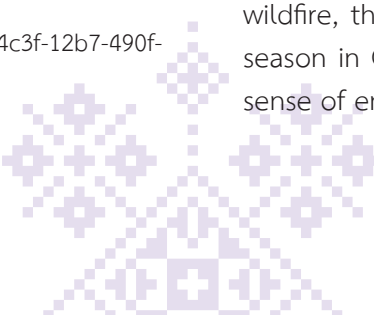
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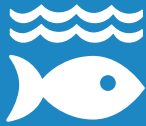
Preparations of Forest Fire Lines and Haze Prevention in the Dry Season

Chiang Mai University in collaboration with USAC Foundation (Thailand), Rotary Club of Chiang mai, and Khun Khan National Park, jointly arranged an activity of forest fire lines at Khun Khan National Park, Samoeng District, Chiang Mai Province. More than 100 volunteers actively prepared forest fire lines to prevent the spread of wildfire within the area of the national park. These volunteers included CMU students, students under the University Studies Abroad Consortium (USAC) Chiang Mai from the United States, youth volunteers, and officers. To achieve the goals, they helped clean dry leaves around the forest fire lines and turn them into compost for agricultural benefits. This activity offered an opportunity to everyone to form a part of the community against the wildfire, the main cause of haze pollution in the dry season in Chiang Mai. It was additionally to develop a sense of environmental conservation.

Source: <https://www.cmu.ac.th/th/article/4bcc4c3f-12b7-490f-b2cb-9c4f0efdda23>



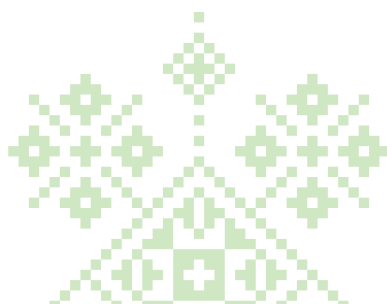
14 LIFE BELOW WATER

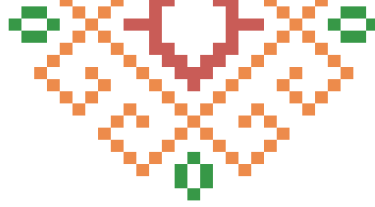


Preserve and Utilize Marine Resources Sustainably



Conserve, Protect Leatherback Turtles,
and Maintain Ecosystems for Dugongs





Conservation for Leatherback Turtles through Genetic Structure

Professor Dr. Korakot Nganvongpanit, Dean of Faculty of Veterinary Medicine, Chiang Mai University, conducted the study of population genetic structure of leatherback turtles from egg laying by using a total of 149 tissue samples of dead turtle babies from 14 nests from 5 beaches during 2018-2020 for the research studies. The results of genetic comparison disclosed that eggs from 14 nests all belonged to only three mother turtles. According to the findings, eggs from those 14 nests featured three different types, ensuring that leatherback turtles' eggs found in 20 holes belonged to only three mother turtles. As a matter of fact, a fewer number of eggs would lead to less diversity, eventually making them endangered.

The problem of leatherback turtle population raises the concern and it is therefore necessary to raise awareness of conserving these rare marine animals.

Source: <https://cmu.to/s14DC>

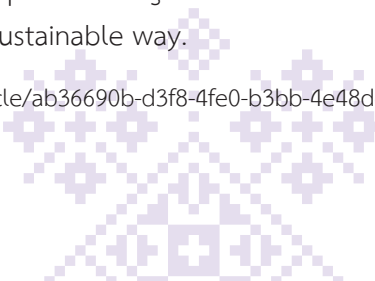


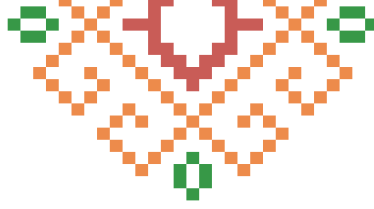
Indicator of natural restoration: an increase of leatherback turtles

The Research Center of Veterinary Bioscience in association with the Marine and Coastal Resources Research Center (Upper Andaman Sea), Department of Marine and Coastal Resources, Ministry of Natural Resources and Environment, conducted the research study of population genetic structure among leatherback turtles based on their egg laying behaviors. In the study, a total of 149 tissue samples of dead turtle babies from 14 nests from 5 beaches during 2018-2020 were collected.

The study results imply a positive signal that marine nature is in the process of natural restoration and outline the management approaches to support learning and conservation while balancing marine natural resources in a sustainable way.

Source: <https://www.cmu.ac.th/th/article/ab36690b-d3f8-4fe0-b3bb-4e48de3e9cf5>



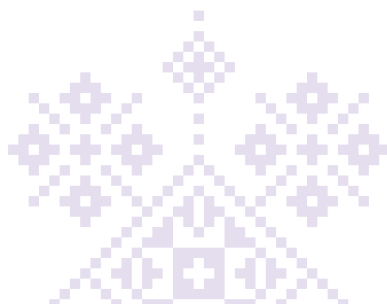


Planning for Dugong Research Studies

The Faculty of Veterinary Medicine, Chiang Mai University, in conjunction with Department of Marine Science and Environment, Faculty of Science and Fisheries Technology, discussed and planned the dugong-related research guidelines with the village headman of Village No.4, Koh Libong Subdistrict, Kantang District, Trang Province. The goal was to take care of dugongs living near Libong Island, an area found with the largest dugong population in Thailand, requiring the further plans to conserve all the dugongs.



Source: <https://www.cmu.ac.th/th/article/d1222ec0-72bd-4b43-8884-dccb36355171>



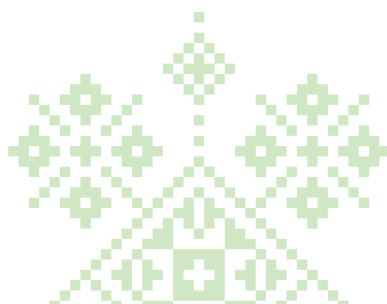
15 LIFE ON LAND

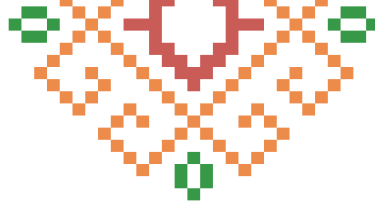


Foster the Sustainable Use of Terrestrial Ecosystems



Adjust Ecosystems, Preserve Plant Varieties, and Promote Sustainable Forest Plantation





Research and Development of Lanna Rice Varieties

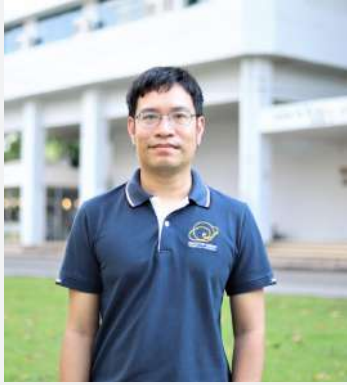
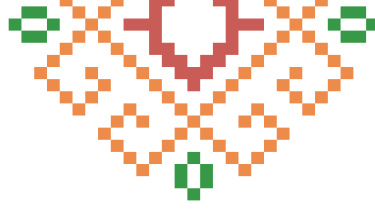
The Lanna Rice Research Center, Chiang Mai University, has developed a total of 10 distinctive rice varieties with high nutritional values, no high requirements for production, cost-saving production, and potential for further value-added products. Other leftover materials from rice plantation e.g. rice straw, rice bran, and rice husk can be processed into other useful products such as a food container. Furthermore, a typical rice plantation process is promoted among farmers in the Northeastern and Northern Regions and more than 100 rai of land plots serve as a pilot plantation. It is conducted to clearly point out that these traditional rice varieties can be planted and maintain the stability of other essences, while increasing their values through development into high-value products, reducing agricultural costs, and boosting income for farmers. It is also viewed as a guideline for further implementation in other provinces.

Source: <https://www.cmu.ac.th/th/article/941bd696-91e1-4d8b-a4e4-a2556b441d68>

10 พันธุ์ข้าวพื้นเมือง คุณภาพพิเศษสูง

ข้าวนาข้าวเจ้าหอม Wetland rice พันธุ์เก่าบ้านช. 107 (KJ CMU 107) สารแทนนินสูง Non-glutinous fragrant - high gamma oryzanol		ข้าวนาข้าวเหนียว Wetland rice พันธุ์เก่าอวยะหีด (KDK) สารแทนนินสูง Glutinous - high gamma oryzanol
ข้าวไร่ข้าวเหนียว Upland rice พันธุ์เบ็ญจ 1 เม. (PES 1 CMU) สารแอนโทไซยานินสูง Glutinous - high anthocyanin		ข้าวไร่ข้าวเหนียว Upland rice พันธุ์เก่าจอม เม. (KH CMU) ธาตุเหล็กสูง Glutinous - high iron
ข้าวไร่ข้าวเหนียว Upland rice พันธุ์เก่าป่า 1 (KAK 1 CMU) สารต้านอนุมูลอิสระสูง Glutinous - high antioxidant capacity		ข้าวไร่ข้าวเจ้า Upland rice พันธุ์เบ็ญจ 3 เม. (BB 3 CMU) วิตามินบีสูง Glutinous - high vitamin E
ข้าวไร่ข้าวเจ้า Upland rice พันธุ์เบ็ญจ 4 เม. (BB 4 CMU) ธาตุสังกะสีสูง Non-glutinous - high zinc		ข้าวไร่ข้าวเจ้า Upland rice พันธุ์เสง 5 เม. (Sang 5 CMU) สารฟีนอลสูง Glutinous - high phenol
ข้าวไร่ข้าวเจ้า Upland rice พันธุ์เบ็ญจ 5 เม. (BIK 5 CMU) ธาตุเหล็กสูง Glutinous - high iron		ข้าวไร่ข้าวเจ้า Upland rice





Discovery of New Plant of the World by CMU Science Researchers

A researcher team for the Department of Biology, Faculty of Science, Chiang Mai University, discovered a new plant of the world in the Annonaceae family called “Lueang-Piyarat”. This research was a part of the Research Project of Taxonomy and Evolution of Rare and Unknown Plants in the Annonaceae Family in Thailand for conservation and sustainable utilization with the support from the Thailand Science Research and Innovation (TSRI), National Science, Research and Innovation Fund.



Source: <https://cmu.ac.th/th/article/7afb130d-273b-40c3-9286-954baac78a58>

Reforestation Activity in Honor of Her Majesty the Queen

The International College of Digital and Innovation, CMU, along with a number of 60 lecturers, personnel and students: 33 Thais and 27 foreigners, jointly planted a total of 130 Wild Himalayan Cherry trees and vetiver grasses on the auspicious occasion of the 90th Birthday Anniversary of Her Majesty Queen Sirikit, The Queen Mother, in honor of the royal grace and kindness of Her Majesty. Additionally, it was to provoke conscious awareness and social accountability among Thai and foreign students to realize the importance of environmental protection, particularly for Thailand’s forest resources.

Source: <https://cmu.ac.th/th/article/afcb6faa-19b7-4b8a-93e4-1834b144ff54>





Promote Peace and Equal Access to Justices

คณะรัฐศาสตร์และรัฐประศาสนศาสตร์ มหาวิทยาลัยเชียงใหม่
ขอเชิญนักศึกษาเข้าร่วมโครงการอบรมเชิงปฏิบัติการในหัวข้อ

“การเสวนาเยาวชนส่งเสริม การมีส่วนร่วมกับพรรคการเมือง”

Youth Dialogue Promoting Responsive Engagement with Parties



CMU NO GIFT POLICY

ปลูกจิตสำนึกและ
สร้างวัฒนธรรมสุจริตในองค์กร



ผู้บริหาร ข้าราชการ
พนักงานมหาวิทยาลัย
และผู้ปฏิบัติงานใน
มหาวิทยาลัยเชียงใหม่

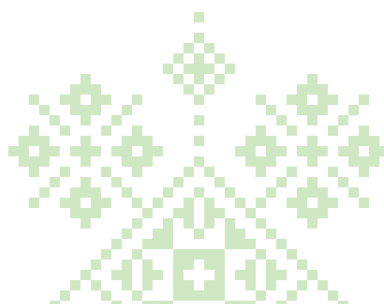
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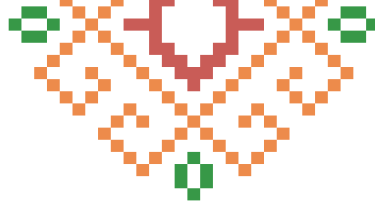
ของขวัญและของกำนัล
ทุกชนิด !!

จากการปฏิบัติหน้าที่
ในทุกเทศกาลและทุกโอกาส



Promote Good Society with Accountability
and Transparency at All Levels





คณะรัฐศาสตร์และรัฐประศาสนศาสตร์ มหาวิทยาลัยเชียงใหม่
ขอเชิญนักศึกษาเข้าร่วมโครงการอบรมเชิงปฏิบัติการในหัวข้อ

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Youth Dialogue Promoting Responsive Engagement with Parties



- สร้างการรับรู้และความเข้าใจเกี่ยวกับเมืองเชียงใหม่
- แลกเปลี่ยนมุมมองกับนักการเมืองผู้มีประสบการณ์ในพื้นที่

**ร่วมเป็นภาคีเครือข่าย
ขับเคลื่อนเมืองเชียงใหม่ไปพร้อมกัน**

ระยะเวลาจัดโครงการ จำนวน 3 วัน
วันที่ 1 วันพุธที่ 6 กรกฎาคม 2565 เวลา 08.30 - 16.30 น.
วันที่ 2 วันพุธที่ 20 กรกฎาคม 2565 เวลา 08.30 - 16.30 น.
วันที่ 3 วันพุธที่ 17 สิงหาคม 2565 เวลา 08.30 - 12.00 น.
สถานที่ : ณ ห้อง PSB1310 ชั้น 3 อาคารคณะรัฐศาสตร์ฯ มหาวิทยาลัยเชียงใหม่

สอบถามเพิ่มเติมได้ที่
POLICCMU

ด่วน! รับจำนวนจำกัด
เพียง 30 คน เท่านั้น
(ตั้งแต่วันที่ - 30 มิ.ย. 65)



รายละเอียดเพิ่มเติมและลงทะเบียนเข้าร่วมโครงการ

Youth Dialogue Promoting Responsive Engagement with Parties

The Faculty of Political Science and Public Administration, Chiang Mai University, organized the Workshop of Youth Dialogue Promoting Responsive Engagement with Parties with the purpose of providing an opportunity and experience for joint dialogues between the youths and political parties regarding the development of Chiang Mai City to promote effective political engagement.

Held at PSB 1310 Room, 3rd Floor, the Faculty’s Building, Chiang Mai University, this activity was well attended by participants to exchange ideas with experienced politicians to tackle the problems in the areas of Chiang Mai City. Additionally, they exchanged information and listened to other representatives of the civil society regarding the participatory solutions for the city’s environmental challenges.

Source: <https://cmu.to/s16ydrpw>

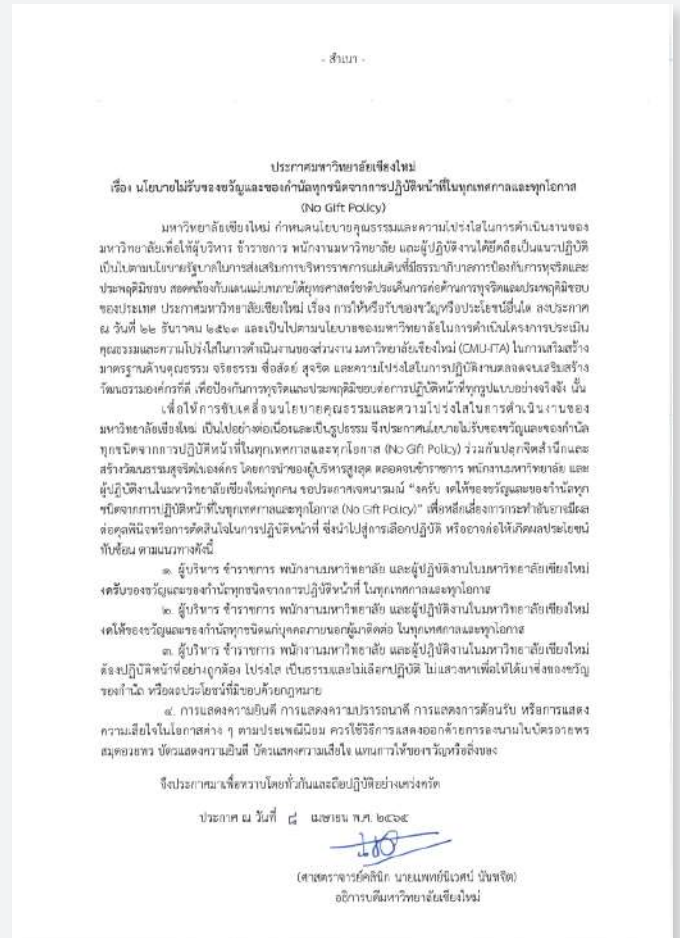
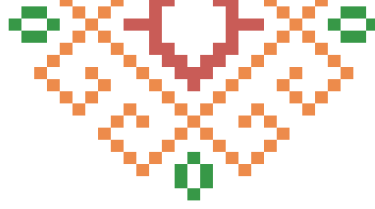


Global Citizenship Forum 2022

The Faculty of Political Science and Public Administration, Chiang Mai University, hosted the Global Citizenship Forum 2022 at its main conference room to present the study findings of global citizenship, including its definitions and measurements. Moreover, it was to exchange the ideas with the networks of changing social contexts and importance of global citizenship to positively transform the society in various dimensions, including the global, local and educational aspects, and the preparations of students as global citizens.

Source: <https://www.cmu.ac.th/th/article/bb33a0a6-fbe9-4fc9-b57a-cdc1797215c3>

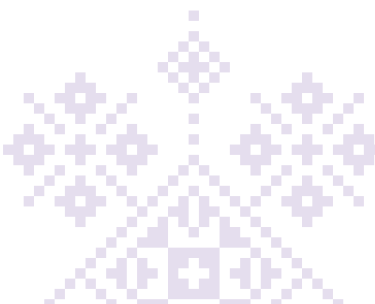




Announcement of 'CMU No Gift Policy'

Chiang Mai University issued the University Announcement of “No Gift Policy” to avoid actions that would put an effect on the discretion or decision for duty performance, resulting in discriminations or conflicts of interest. It was also to promote the standards of virtues, ethics, honesty, and transparency for all performances to prevent an act of corruption and undue performances of duty in a serious manner. Strict compliance was required for all levels of executives, public servants, university personnel, and employees within the university.

Source: <https://www.cmu.ac.th/th/article/c352b263-61c5-4539-a14a-15fe9f3e3a63>



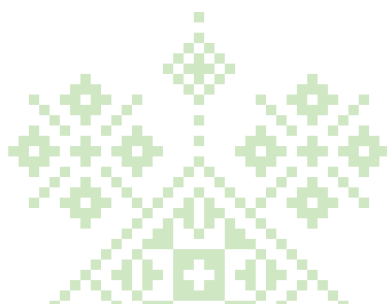
17 PARTNERSHIPS FOR THE GOALS

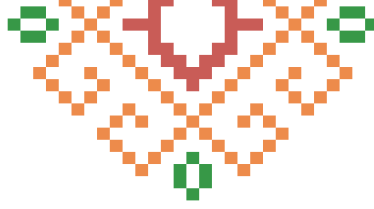


Build International Collaboration Towards Sustainable Development



Build Cooperation in All Sectors for Sustainable Development





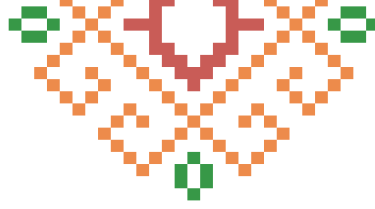
CMU and Mae Moh EGAT Collaboratively Develop the Project of Mae Moh Smart and Livable City Project Towards Climate Change Net Zero

Chiang Mai University and the Electricity Generating Authority of Thailand (EGAT), Mae Moh Power Plant, executed the Memorandum of Understanding (MOU) on the Project of “Mae Moh Smart and Livable City Towards Climate Change Net Zero” at Mung Ngan Loet Room, Office of Public Relations, Mae Moh Power Plant, Electricity Generating Authority of Thailand (EGAT), Lampang Province.

Indeed, Chiang Mai University will apply the knowledge of technology and innovation to develop the energy and environmental database in the areas of Mae Moh District and Lampang Province into a big data system in the form of an online platform. The maps of energy and environmental risks in all dimensions, city development approaches and measures in dealing with the energy and environmental problems towards a net zero city are also created to enable local agencies with data management and city development in an effective way. These efforts are expected to promote the public understanding and awareness of disaster alert, prevention, and response. As a result, it can benefit related governmental and private agencies, and stakeholders to use the data for city development planning and policy making properly.

Source: <https://cmu.ac.th/th/article/aa0888fd-fe1c-4a71-bf0b-432cc486e4f5>





MOU for Academic Cooperation between Faculty of Public Health, CMU, and College of Management, Chang Gung University

The Faculty of Public Health, Chiang Mai University, signed the MOU for Academic Cooperation with College of Management, Chang Gung University with aims to emphasize the academic collaboration in various dimensions. These included education, academic activities, and research studies, apart from academic linkages, study visits, and cultural exchange programs.

Collaborative tasks between the two universities at an international level for the highest quality were also outlined.

Source: <https://cmu.ac.th/th/article/30b7132a-456b-4314-ac26-c8d9c75c2095>

PHCMU
คณะสาธารณสุขศาสตร์ มหาวิทยาลัยเชียงใหม่

CHANG GUNG UNIVERSITY
長庚大學

MOU for Academic Cooperation

พิธีลงนามความร่วมมือด้านวิชาการ (Memorandum of Understanding for Academic Cooperation) ระหว่างคณะสาธารณสุขศาสตร์ มหาวิทยาลัยเชียงใหม่ และ College of Management, Chang Gung University โดย ศาสตราจารย์เกียรติคุณ นายแพทย์สุวัฒน์ จริยาเลิศศักดิ์ คณบดีคณะสาธารณสุขศาสตร์ มหาวิทยาลัยเชียงใหม่ พร้อมคณาจารย์ประจำคณะ และ Professor Dah-Chuan Gong, Dean, College of Management, Chang Gung University

วัตถุประสงค์ของการลงนามความร่วมมือครั้งนี้เพื่อเป็นการเน้นย้ำความสำคัญถึงความร่วมมือทางด้านวิชาการระหว่าง คณะสาธารณสุขศาสตร์ มหาวิทยาลัยเชียงใหม่ และ College of Management, Chang Gung University อันได้แก่ ความร่วมมือเรื่องการศึกษา กิจกรรมทางวิชาการ และงานวิจัย และทั้งยังสนับสนุนการเชื่อมโยงทางวิชาการ การศึกษาฐาน และแลกเปลี่ยนเรียนรู้วัฒนธรรมอันดีด้วย นอกจากนี้คณะสาธารณสุขศาสตร์ มหาวิทยาลัยเชียงใหม่ และ College of Management, Chang Gung University ได้ตกลง กำหนดภารกิจร่วมกันในการส่งเสริมการศึกษาระหว่างมหาวิทยาลัยในระดับนานาชาติอย่างมีคุณภาพสูงสุด การลงนามความร่วมมือทางด้านการศึกษาดังนี้ได้ลงนาม ในวันที่ 11 มกราคม 2565 เวลา 15.00 น. และ มีผล ตั้งแต่ 11 มกราคม 2565 ถึง 31 มกราคม 2570

The Faculty of Public Health, Chiang Mai University, Thailand (PH-CMU) and College of Management, Chang Gung University, Taiwan (CoM-CGU) held a Memorandum of Understanding (MoU) signing ceremony for academic cooperation on 11th January 2022, 15:00 via virtual online platform.

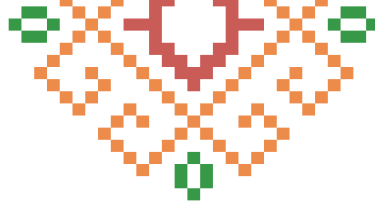
The meeting was co-chaired by Emeritus Professor Suwat Chariya-ertsak, MD, Dr. PH, Dean, Faculty of Public Health, Chiang Mai University and Professor Dah-Chuan Gong, Dean, College of Management, Chang Gung University.

The objectives of The MoU signing ceremony are to emphasize the academic cooperation between PH-CMU and CoM-CGU, wishing to promote co-operation in education, academic activity and in academic research. The general purpose of this MoU is to establish specific educational relations and co-operation between the participating institutions in order to promote academic linkages, study visit and to enrich the understanding of different cultures.

The institutions share the common mission to provide international education of the highest quality and are committed to continuous improvement.

The MoU signed is based on the legal agreement signed on 11th January 2022 and effective January, 15th 2022 through January, 31st 2027, is between PH-CMU and CoM-CGU.





CMU and Government Sector Move Forward the Development of Mae Kha River as “River of Culture”

Chiang Mai University, led by a working team of Academic Center for Water Management, Faculty of Engineering, in conjunction with Chiang Mai Provincial Administration and People’s Network, collaboratively pushed forward the development and restoration of Mae Kha Canal corresponding to the Mae Kha Canal Master Plan No.1-2 and the Quick Win Plan for a fast-paced achievement of Mae Kha Canal. These four main activities were 1) managing water budget resources to flow into the canal sufficiently in all seasons to obtain good quality of water for aquatic ecosystem conservation, 2) improving a beautiful canal landscape particularly in the city area while finding the main spot as a landmark in each particular zone, 3) conducting a survey and designing the additional wastewater collection and treatment system to receive the construction budget, and 4) finding the space and residency to people residing or encroaching on the canal area as they were required to move to other areas through the screening process by related agencies. Besides, activities to raise awareness and engagement for Mae Kha Canal restoration among local people, youth, communities, volunteers, and organizations, both public and private, to revive Mae Kha Canal as the river of culture, tradition, and Lanna lifestyle and a spot for tourism activities and historical studies under the slogan of “Beautiful Canal, Clear Water, Good Flow, and Happy Community”.

With the endless efforts devoted by Chiang Mai University and all related sectors, the canal water is currently clean and clear when compared to the past years. Canal encroachment is eventually resolved whereas the communities are clean and liveable. Likewise, local people have better quality of living and a canal landscape is beautifully vivid for a retreat. Power driven from all parties effectively brings the improvement and enhancement of life quality and environmental settings for local residents along the Mae Kha Canal, in addition to economic sustainability for Chiang Mai.



Source: <https://cmu.ac.th/th/article/84ed387e-f32c-4705-bca3-b0e56325bb97>







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