WALAILAK UNIVERSITY:

WU SDG MOVE

Assist. Prof. Dr. AMONSAK SAWUSDEE
Director of the center for academic services
Walailak University, Thailand

Outline

- About SDGs
- How do universities support the SDGs?
- Sustainability @ Walailak University
- SDG & social engagement projects
- Case study: Blue crab restoration project
- WU World Rankings and Awards

About SDGs

Picture source:
UNESCO, 2017

- Before the UN Sustainable Development Goals (SDGs), **MDGs** (Millennium development goals) was globally committed as development goals (2000-2015)
- **MDGs** aimed to eradicate **poverty and improve human life** in poor or developing countries.
- The achievement of MDG : Reduction of **poor people** especially in developing countries, **but the several problems are still remained**
- (SDGs) were developed in 2015 and serve as the main guide for achieving the 2030 Agenda. **What kind of the World do you want to see in 2030?**
- 17 goals, 169 indicators, 223 unique target

SDGs in Thailand

SDG outcome is
“to leave no one behind”

SDG, in Thailand, is already included in 20-Year **National Strategy** and 13th **National Economic and Social Development Plan**.

Alignment of the SDGs with the 5 Ps Make a group of SDG

- The 5 Ps provide a framework for understanding the SDGs and how they are interconnected.
- No one P is more important than the others.
- All five Ps must be addressed in order to achieve sustainable development.

Protecting the environment.

- combating climate change
- reducing pollution
- conserving biodiversity both on land and under water species

Improving the lives of people around the world.

- Ending poverty
- Hunger
- Diseases
- Healthcare
- Quality education
- Gender equality.

Creating a more prosperous world for all.

- promoting economic growth
- reducing inequality
- creating decent jobs.

The SDGs recognize that peace is essential for sustainable development.

- preventing conflict
- building just and inclusive societies
- upholding human rights.

The SDGs can only be achieved through global partnerships.

- partnerships between governments, businesses, civil society, NGOs
- Local, Regional, National, International partnership

What do the SDGs mean, and what do they need?

- Sustainability
- Partnership
- Equity across the world
- Every community
- Sufficient resources
- Long term thinking

Professor Clare Pollock: Western Sydney University

"Yes, we do educate, yes, we do research.

But if we are not making an impact and making a difference then we are not fulfilling the goal of our existence.

It's something that our communities desperately need us to do.

It's something that our governments expect us to do.

It's something that our staff want us to do.

And it's something that our students demand us to do."

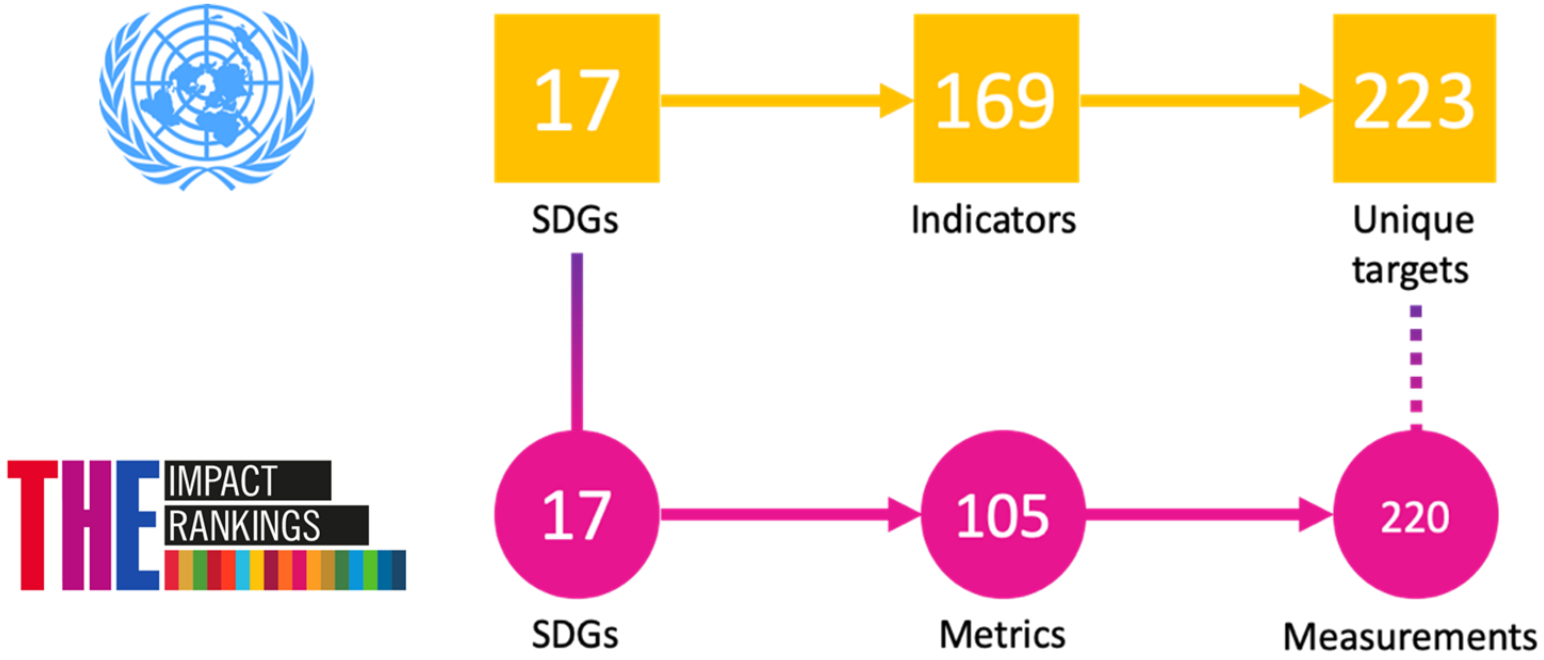
THE IMPACT RANKINGS

How do universities support the SDGs?

THE Rankings

TEACHING	RESEARCH	IMPACT & SUSTAINABILITY
Focus: student satisfaction, employer reputation, graduation rate + more **Participation rules:** country specific	**Focus:** research output, research quality, research collaboration, reputation + more **Participation rules:** 1,000+ publications over 5 years, teach undergraduates across a range of subjects	**Focus:** research, teaching, stewardship and outreach against the UN's 17 Sustainable Development Goals **Participation rules:** all undergraduate or postgraduate higher education institutions

FROM SDG TO METRICS



Think carefully about metrics

How do schools/universities contribute to the SDGs?

❖ Including the SDGs in teaching and learning processes

- Adding specific SDG in flexible curriculum
- Making connections B/w SDG and school events
- Mapping SDGs and study courses

Goal 3, Good Health and Well-Being

Health and sport subjects

Goal 7, Affordable and Clean Energy

Science topics on electricity, energy production and clean energy etc.

https://cas.wu.ac.th/sdgs/archives/16413

WALAILAK UNIVERSITY for Sustainable Development

Home | Sustainability at WU | Sustainability Agenda | Case Studies | Policy | Reports | WU GLOBAL

No.	COURSE CODE	COURSE	SDGs
		Thai Language	
1	THB60-11	Sustainable Tourism	14, 15
2	MKT62-315	Venture Growth Strategy for Sustainability	1
3	ARC59-353	Sustainable Architectural and Urban Design	11
4	OCC61-314	Sustainable Community Health Management	3
5	OCC62-315	Sustainable Occupational and Community Health Management	3

WU has incorporated the SDGs into every teaching curricula

How do universities support the SDGs?

"We believe that Incorporating the SDGs into **teaching curricula** and **activities** can help create a generation of responsible and engaged global citizens who are equipped to address global challenges"

How do universities support the SDGs?

❖ How Do SDGs Improve Educational Outcomes For Students?

- Promoting critical thinking and problem-solving skills

  Think critically about complex issues such as climate change, poverty, and inequality.

- Encouraging creativity and innovation

  Develop creativity and innovation skills that are essential for success in the modern workforce.

- Connecting classroom learning to real-world

  Provide an opportunity for students/schools and community to build strong partnerships.

How do schools/universities contribute to the SDGs?

AdvanceHE

Previously Higher Education Academy

การรับรองมาตรฐานวิชาชีพเพื่อการสอนและการสนับสนุนการเรียนรู้ที่มีคุณภาพของประเทศอังกฤษ

UKPSF Fellowships and Training

631 Fellows	75 Senior Fellows
1 Principal Fellow	707 Total

94.02%

SDG: Stewardship

❖ Setting infrastructure and activities based on SDG framework

- Increasing green spaces
- Promoting green energy
- Reducing inequality (gender/disability)
- Minimizing and managing waste
- Optimizing water used
- Protecting Biodiversity
- Publishing related policies
- Creating sustainability clubs

Green University @Walailak

SUSTAINABILITY @ WALAILAK

ACTIONS: INSIDE UNIVERSITY

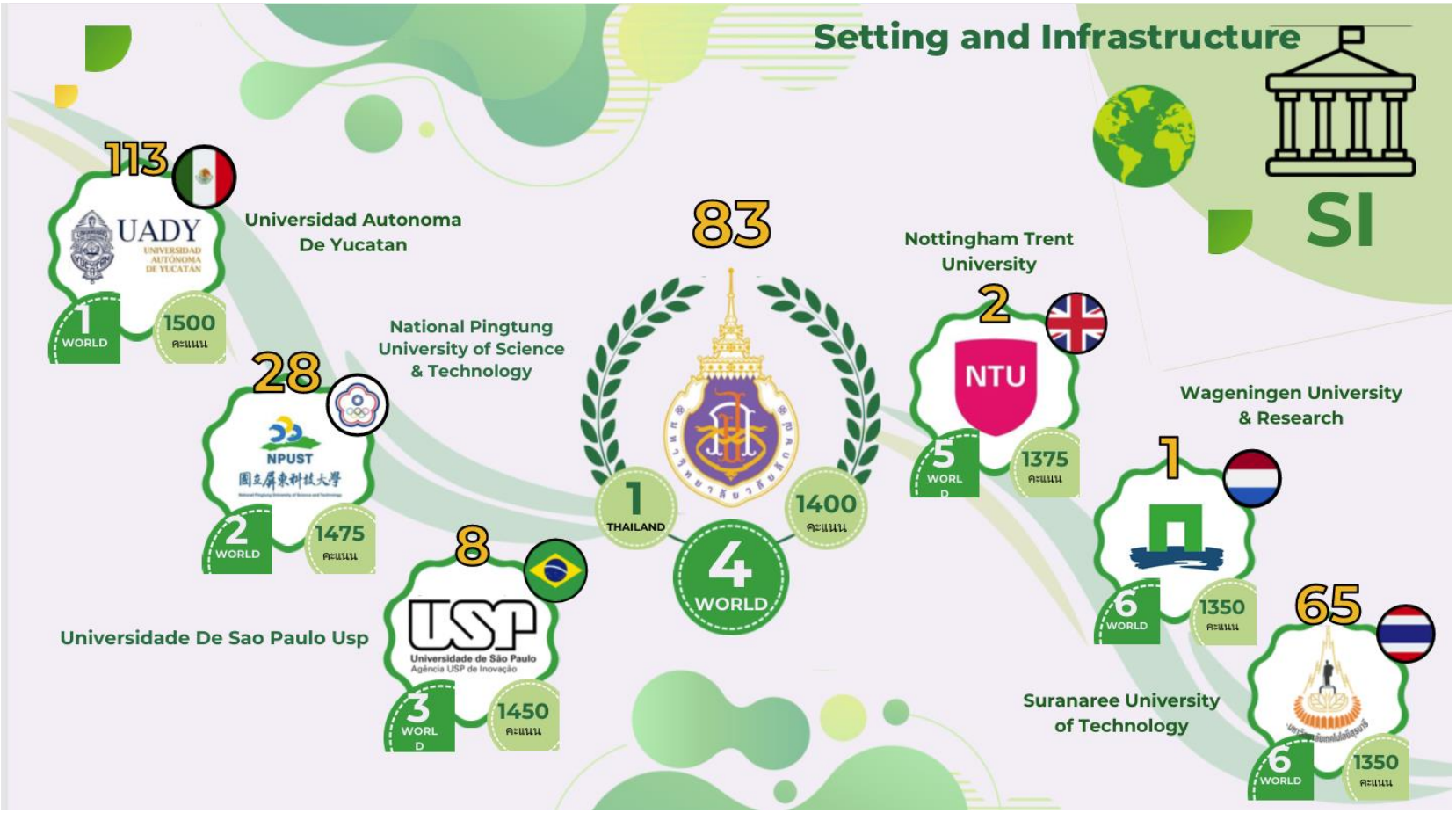
UI GreenMetric World University Rankings

- Setting and Infrastructure (EC)
- Energy and Climate Change (EC)
- Waste (WS)
- Water (WR)
- Transportation (TR)
- Education and Research (ED)

UI GREENMETRIC WORLD UNIVERSITY RANKINGS

SUSTAINABILITY @ WALAILAK

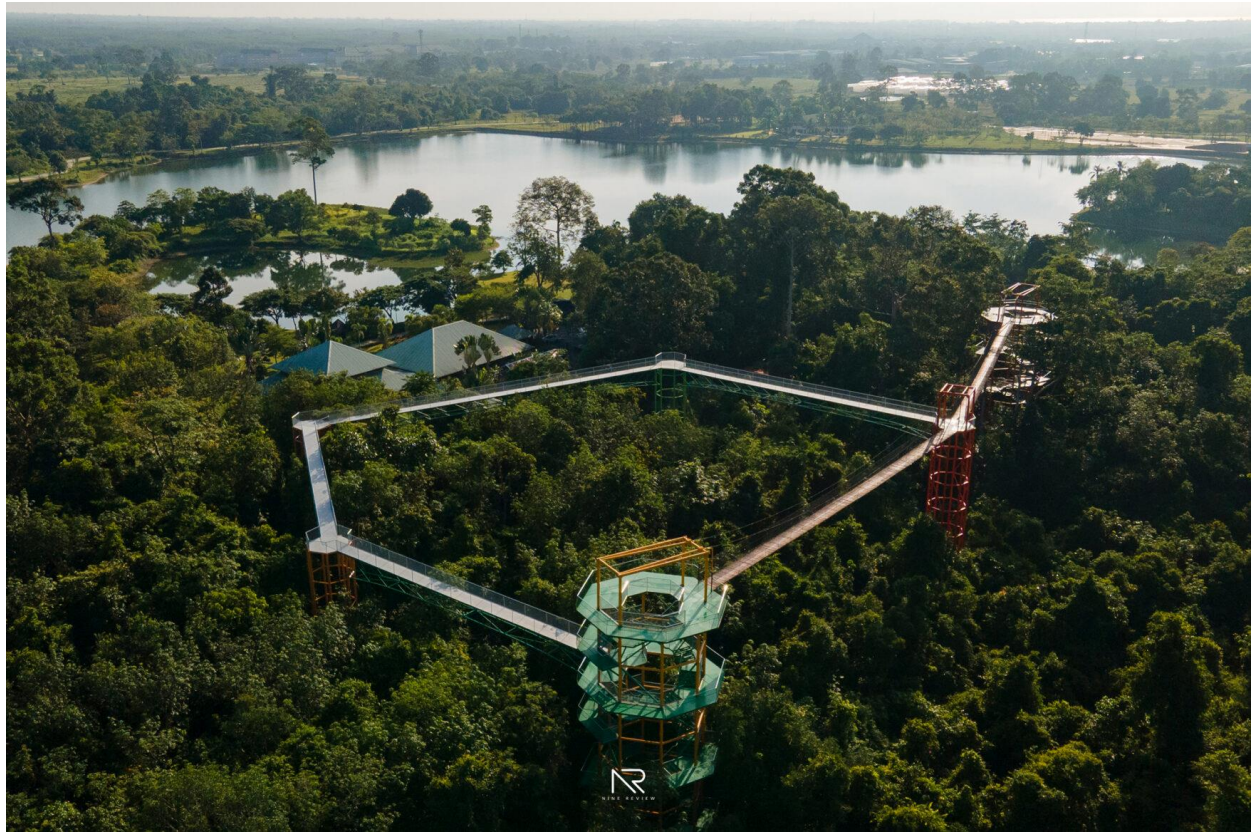
Setting and Infrastructure (SI)



SUSTAINABILITY @ WALAILAK

Setting and Infrastructure (SI)

- Increase green spaces and open access for public



Sky Tower@ Botanic Park

Cactus Dome

The Herb Garden

SUSTAINABILITY @ WALAILAK

- Biodiversity conservation *(Plant and animal species)*

https://botany.wu.ac.th/?page_id=33868

SUSTAINABILITY @ WALAILAK

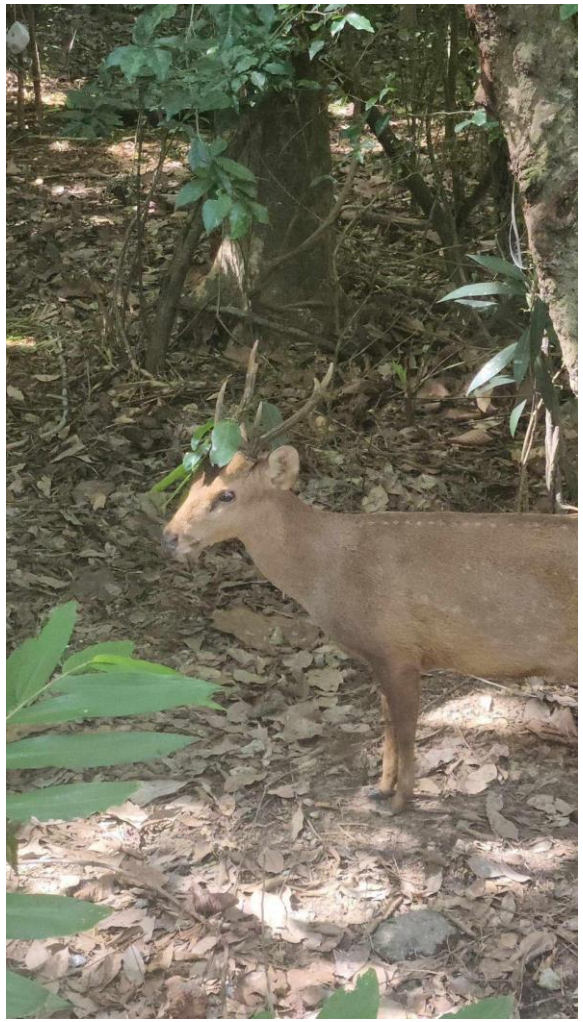
- Biodiversity conservation (*Plant and animal species*)

SUSTAINABILITY @ WALAILAK

- Biodiversity conservation (*Plant and animal species*)

SUSTAINABILITY @ WALAILAK

- Biodiversity conservation *(Plant and animal species)*



SUSTAINABILITY @ WALAILAK

- Biodiversity conservation (*Plant and animal species*)

https://anyflip.com/bookcase/trcmj

SUSTAINABILITY @ WALAILAK

- Provides Facilities for All: No One Left Behind

Reduced inequality

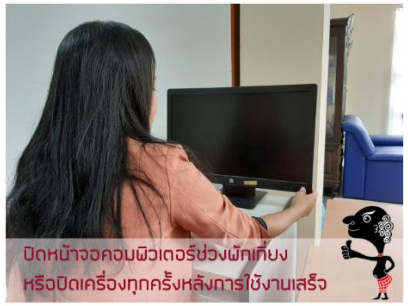
SUSTAINABILITY @ WALAILAK

- Promoting green energy

Solar energy

https://cas.wu.ac.th/sdgs/archives/19864

- Reducing energy consumption.
- Promoting activities aimed at minimizing energy use, reducing carbon emissions and CO_2 footprint.



SUSTAINABILITY @ WALAILAK

- Carbon footprint assessment

SUSTAINABILITY @ WALAILAK

Waste (WS):

- Incinerator “burning machine”, produced by WU’ staff, use to burn hazardous waste
- Generate energy from burning processes and can use for electric city and air-condition

SUSTAINABILITY @ WALAILAK

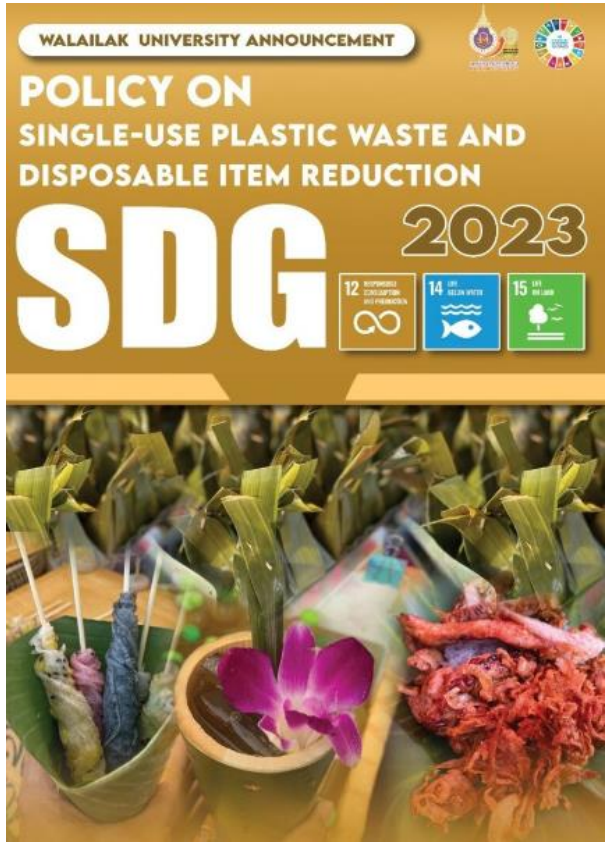
Waste (WS)

- organic or food waste use to feed animals

SUSTAINABILITY @ WALAILAK

Policy to reduce waste and plastic usage

https://cas.wu.ac.th/sdgs/archives/22280



Policy

Waste tracking system

The packaging of a product in the Bota Green Market which is made of natural resource with Thai style

Activities

SUSTAINABILITY @ WALAILAK

Water (WR)

Reservoir 1 (Pruk Sa Chon Reservoir)

Reservoir 2 (Mon Tara Reservoir)

Reservoir 3 (Chala Nu Sorn Reservoir)

Walailak University have ***three main reservoirs*** *that are utilized for consumption, agriculture both for using inside university and support local communities.* https://cas.wu.ac.th/sdgs/archives/18625

SUSTAINABILITY @ WALAILAK

Water treatment

https://cas.wu.ac.th/sdgs/archives/18655

Treatment system

Using treated wastewater for farming Nile tilapia

SUSTAINABILITY @ WALAILAK

Sensor technology

SUSTAINABILITY @ WALAILAK

Transportation (TR)

Electrical shuttle bus

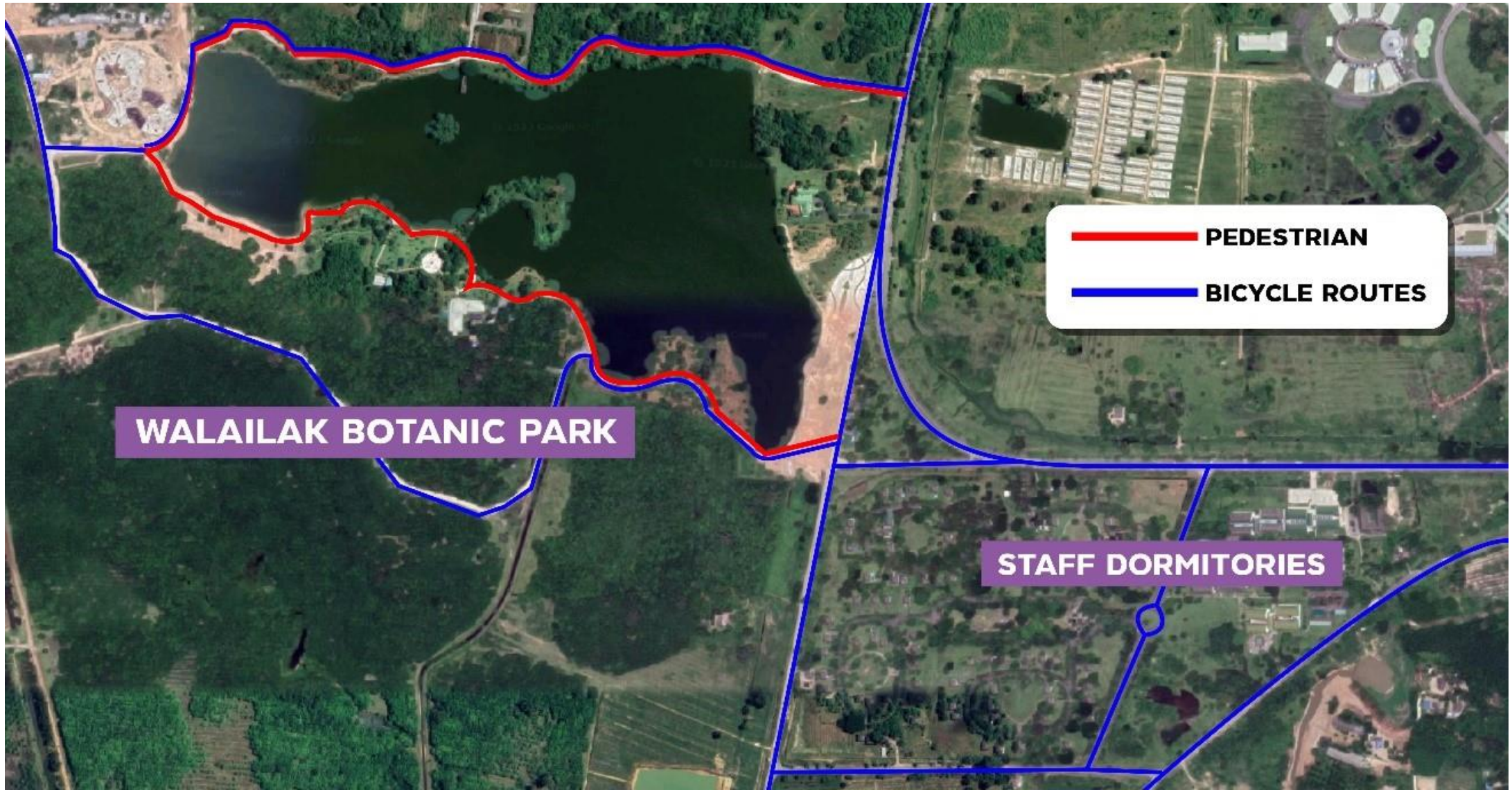
- Enhancing shuttle bus services
- Implementing a policy favoring electric motorcycles on campus

https://cas.wu.ac.th/sdgs/archives/20983

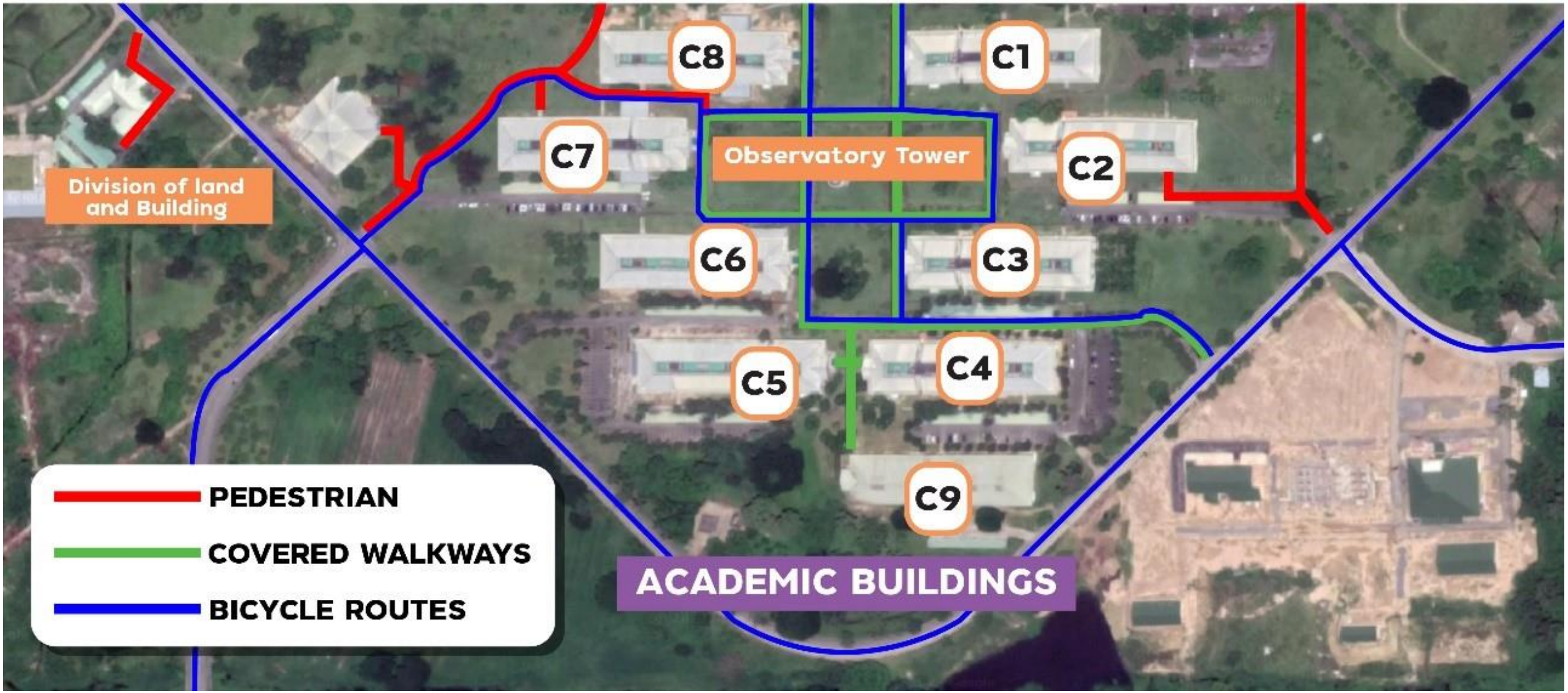
Colorful Covered Walk Ways

https://cas.wu.ac.th/sdgs/archives/21606

Establishing a walk and bike-friendly ways



Bicycle routes: Sight-seeing area



Bicycle routes: Academic area

Bicycle routes

SDG: Outreach

❖ Social engagement projects

Protecting the planet…. learning in real situation….increase awareness

SUSTAINABILITY @ WALAILAK

SOCIAL ENGAGEMENT AND OUTREACH PROJECTS

THE IMPACT RANKINGS

มหาวิทยาลัยวลัยลักษณ์
WALAILAK UNIVERSITY

8
SDGs-*Focus*

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

6 CLEAN WATER AND SANITATION

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

14 LIFE BELOW WATER

17 PARTNERSHIPS FOR THE GOALS

2 ZERO HUNGER

The Prioritization on Food Products **from Local, and Sustainable Sources**

Local Entrepreneur at ***Chor Pradu Food Center***

2 ZERO HUNGER

Healthy and Affordable Food Choices For All at All Food Outlets

Chor Pradu Food Center

Intervention: Free meal for Students and Staff

NO HUNGER AT WU

https://cas.wu.ac.th/sdgs/archives/12361

2 ZERO HUNGER

Technological transfer to community

Trichoderma harzianum

2 ZERO HUNGER

Free Access to WU Laboratory forLocal Farmers and Food Producers

Agricultural Innovative Demonstration and Development Center (Kla Dee)

Professional Chef.

3 GOOD HEALTH AND WELL-BEING

Smile & Smart Center: Mental Health Assistance for Students and Staff

3 GOOD HEALTH AND WELL-BEING

Elderly Care Project

bedridden patient

The Disadvantaged People in Community

Elderly People in Community

3 GOOD HEALTH AND WELL-BEING

Elderly people projects (KAMLAI MODEL)

Take care people in Southern Region

https://cas.wu.ac.th/sdgs/archives/12119

4 QUALITY EDUCATION

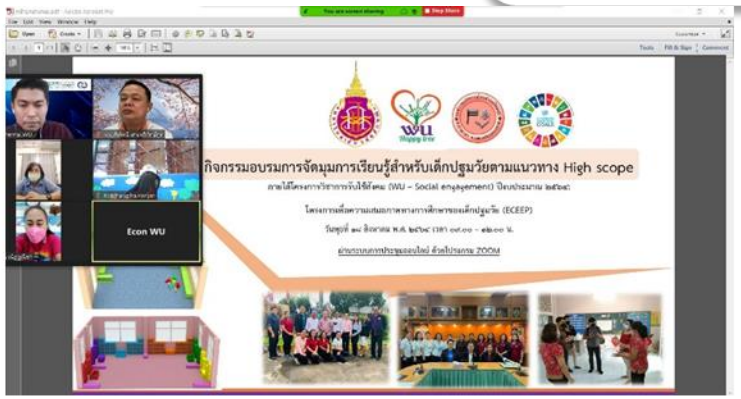
Sufficiency Economy Philosophy Curriculum Development Program

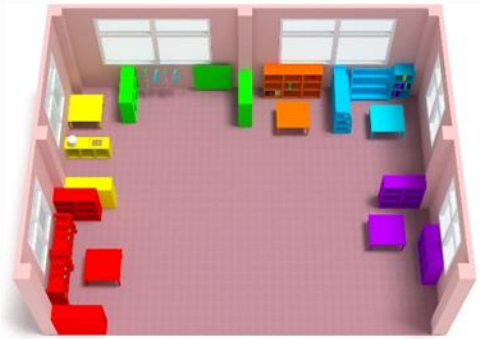
https://cas.wu.ac.th/sdgs/archives/11090

Sufficiency Economy Philosophy Curriculum Development Program

Best Practice Award

The Early Childhood Equity Education Project (ECEEP)



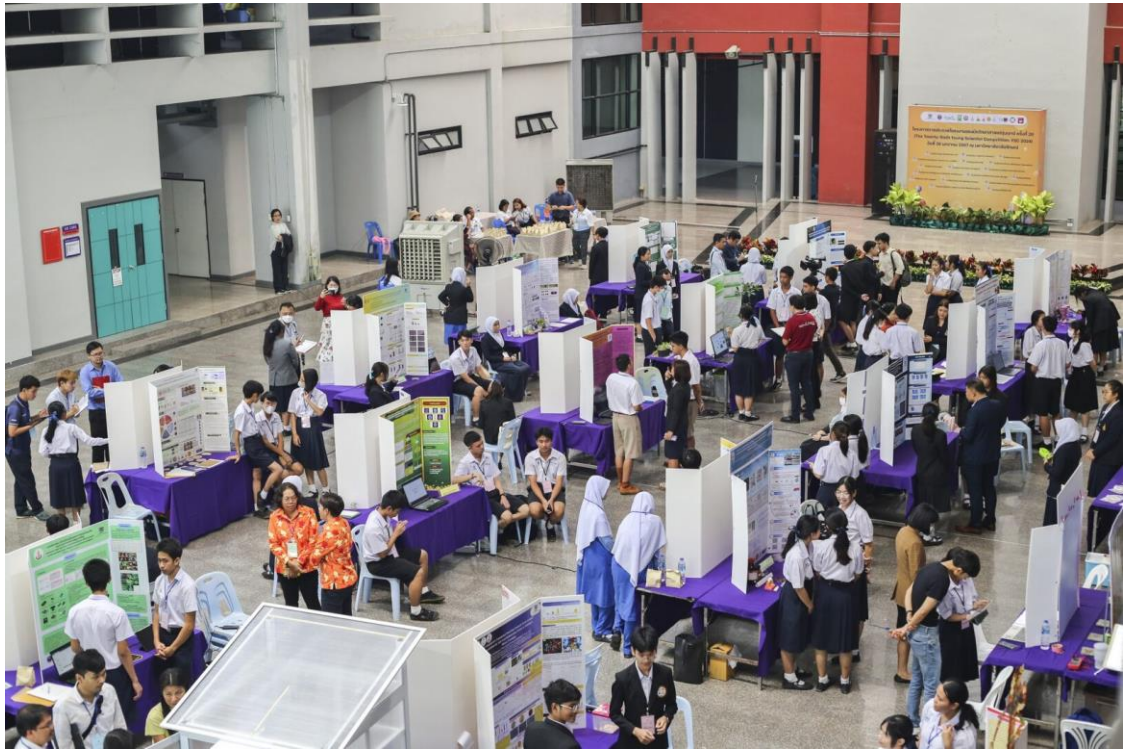


https://cas.wu.ac.th/sdgs/archives/11080

4 QUALITY EDUCATION

Young Scientist Competition (YSC)

Regional southern center



https://cas.wu.ac.th/sdgs/archives/10979

4 QUALITY EDUCATION

The Teacher Development Center: Improving English skills for high school teachers

6 CLEAN WATER AND SANITATION

Living Weirs: Sustainable Water Conservation in Local Community

https://cas.wu.ac.th/en/archives/26160

6 CLEAN WATER AND SANITATION

Educating farmers: Adaption from Climate change





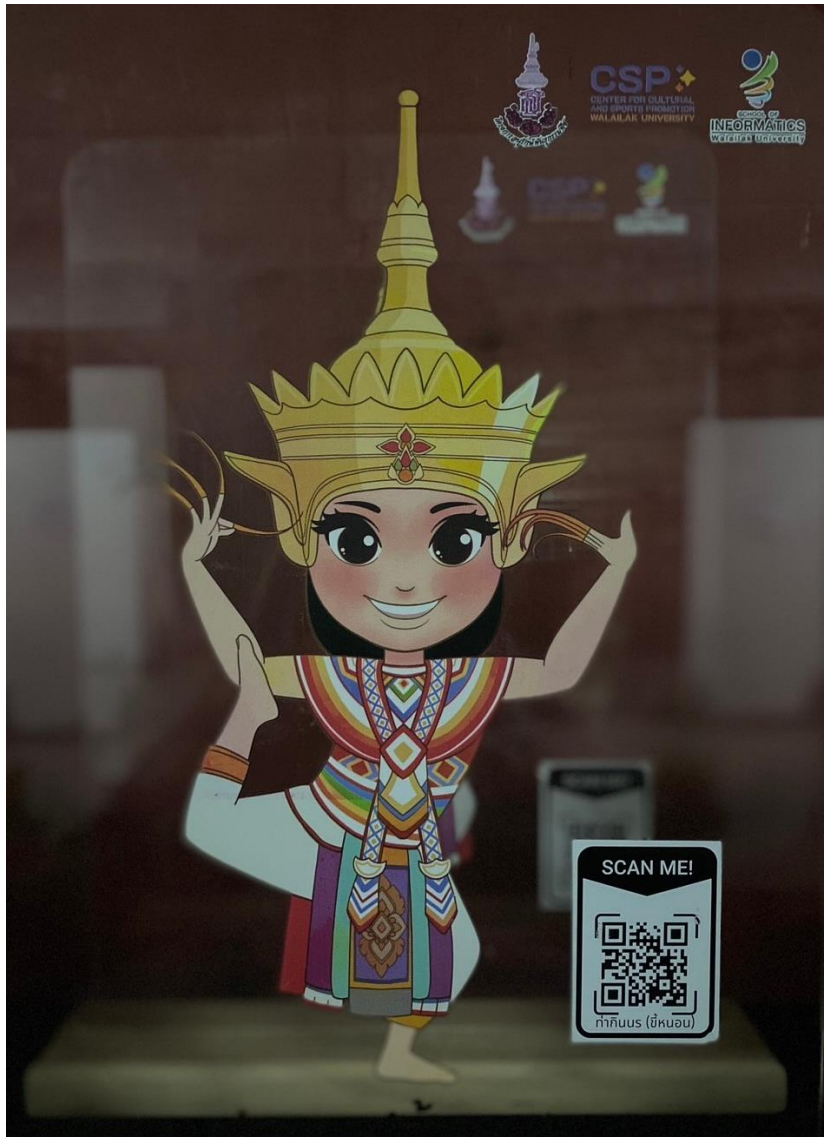

11 SUSTAINABLE CITIES AND COMMUNITIES

The Affordable Dormitories for WU Students

11 SUSTAINABLE CITIES AND COMMUNITIES

Nora dance and vocal courses

Free Online Nora Courses



https://kr56y.zappar.io/6365593991400150175/3.0.1/

14 LIFE BELOW WATER

Blue Swimming Crab Restoration

14 LIFE BELOW WATER

Monitoring the health of marine ecosystems using sensor

14 LIFE BELOW WATER

Reef cleaning and artificial habitat construction

Coral reef restoration

Artificial fish habitat installation

14 LIFE BELOW WATER

Promotion to not catch Small fishes

17 PARTNERSHIPS FOR THE GOALS

SDG Education for Displaced People: No One Left Behind

A group of fishery Burmese workers in Nakhon Si Thammarat participated in a health project for a basic health check-up

Goal 12: Responsible consumption and production

Achieving economic growth and sustainable development requires that we urgently reduce our ecological footprint by changing the way we produce and consume goods and resources. Agriculture is the biggest user of water worldwide, and irrigation now claims close to 70 percent of all freshwater for human use.

The efficient management of our shared natural resources, and the way we dispose of toxic waste and pollutants, are important targets to achieve this goal. Encouraging industries, businesses and consumers to recycle and reduce waste is equally important, as is supporting developing countries to move towards more sustainable patterns of consumption by 2030.

A large share of the world population is still consuming far too little to meet even their basic needs. Halving the per capita of global food waste at the retailer and consumer levels is also important for creating more efficient production and supply chains. This can help with food security, and shift us towards a more resource efficient economy.

Ads

16

SDG Booklet in English and Burmese

https://cas.wu.ac.th/sdgs/archives/12655

17 PARTNERSHIPS FOR THE GOALS

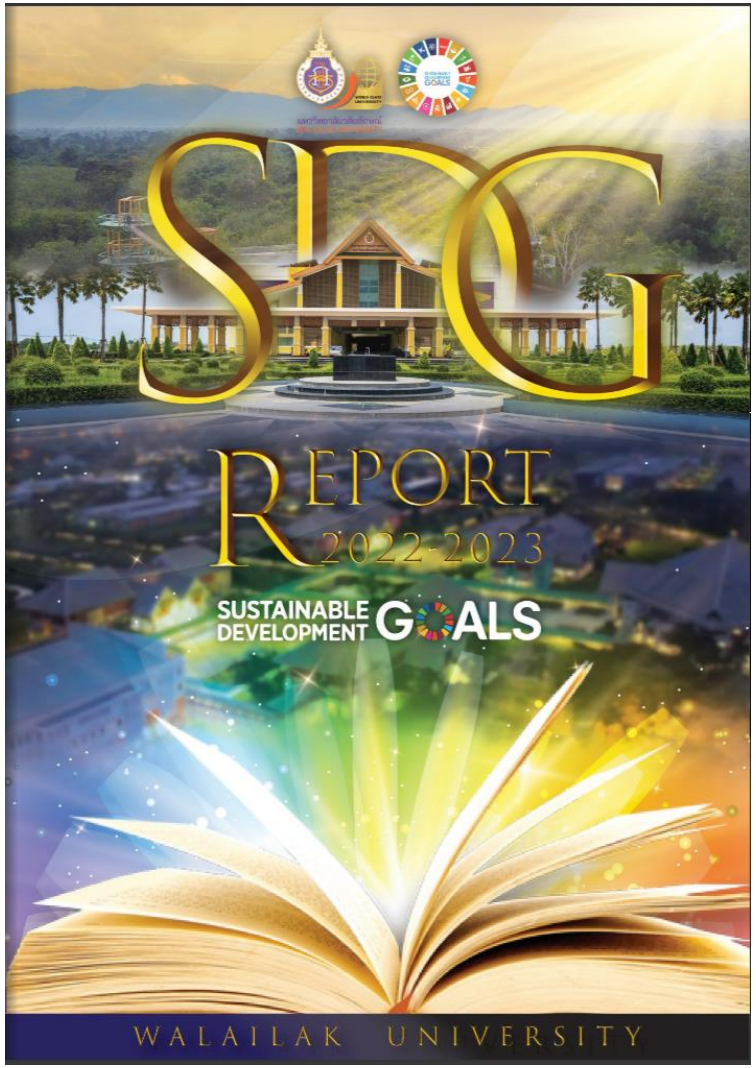
Research with International Collaboration: Dengue and Zika Prevention under the GLOBE Mosquito Project

https://cas.wu.ac.th/sdgs/archives/12579

17 PARTNERSHIPS FOR THE GOALS

SDG REPORT

https://cas.wu.ac.th/sdgs/reports



CASE STUDY: SOCIAL ENGAGEMENT PROJECTS

Blue crab restoration project

Focusing on protecting the natural resources and environment

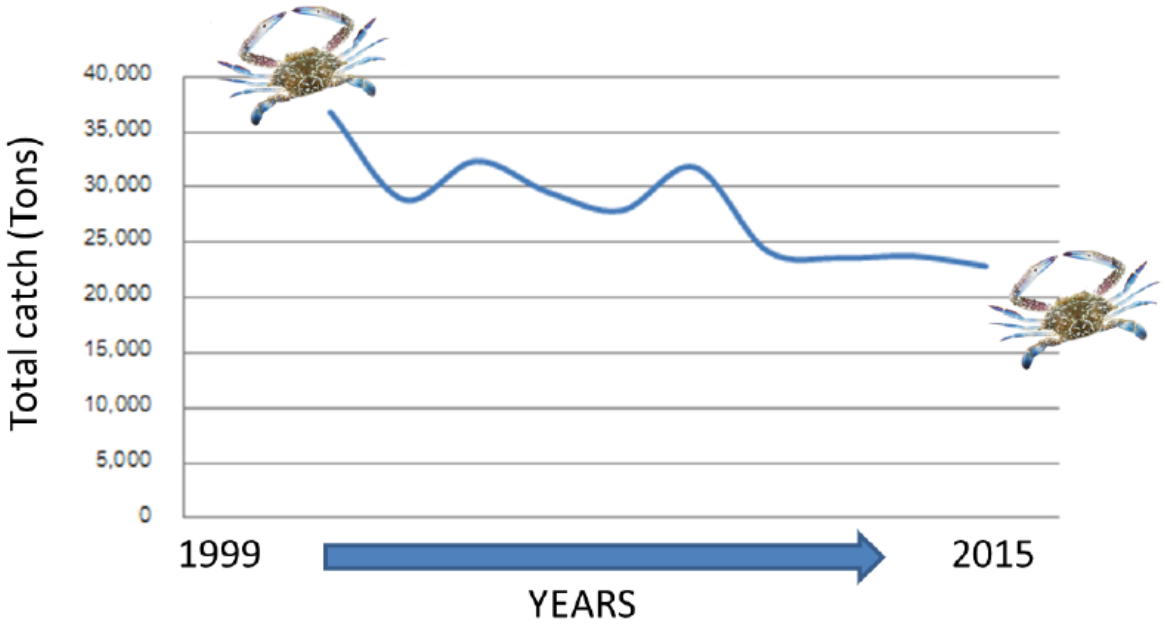
CASE STUDY: CRAB RESTORATION PROJECT

Scientific name*: Portunus pelagicus*, Linnaeus (1758)

Common name*:* Blue Swimming Crab

Thai name*: Pu Ma* ปูม้า

Problem and needs



The BSC stock have been continually decreased, No effective enhancement
Immature crabs were caught by fishermen
Industrial sector needs more production to export
C level Thai fishing standard was graded by international view

CASE STUDY: CRAB RESTORATION PROJECT

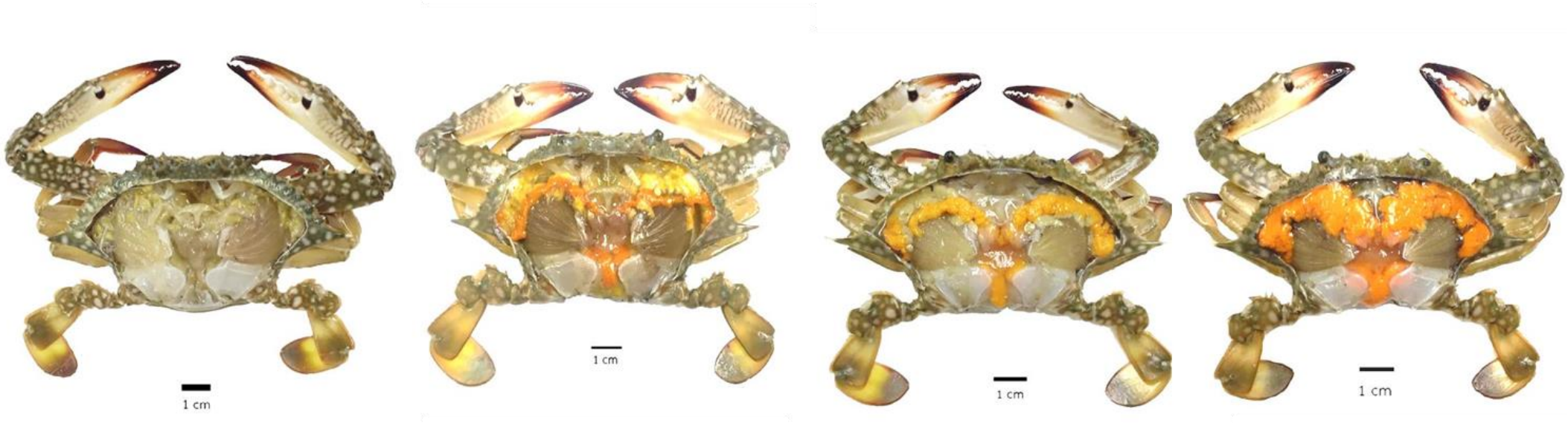
Reduction of catch size

30 years ago
OCW 14 cm.

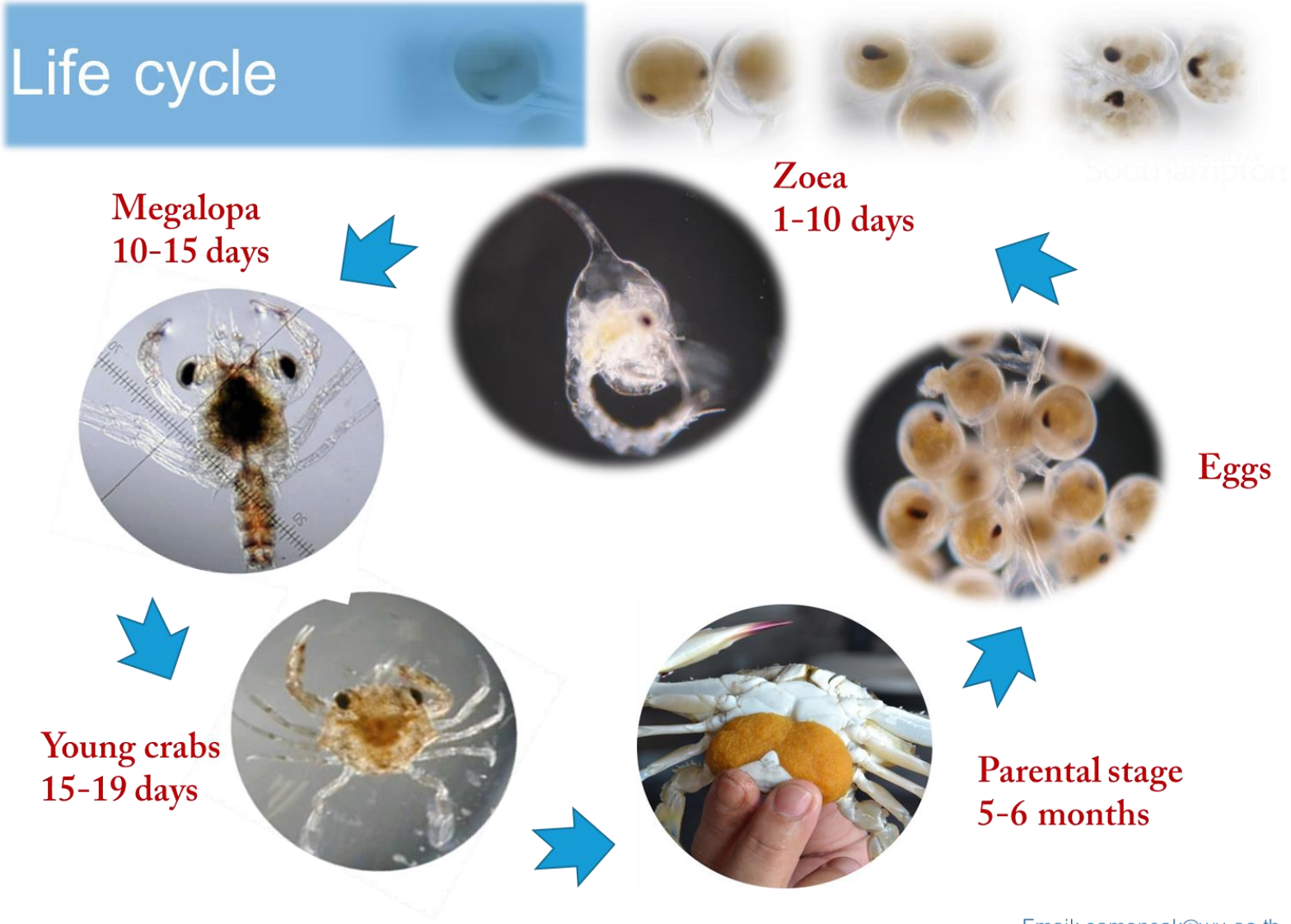
Today
OCW 9 cm.

CASE STUDY: BIOLOGY STUDY

Development of internal eggs



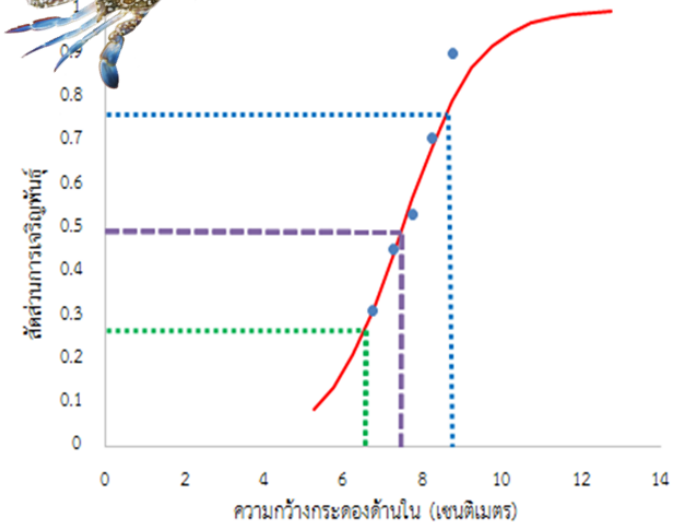
CASE STUDY: BIOLOGY STUDY

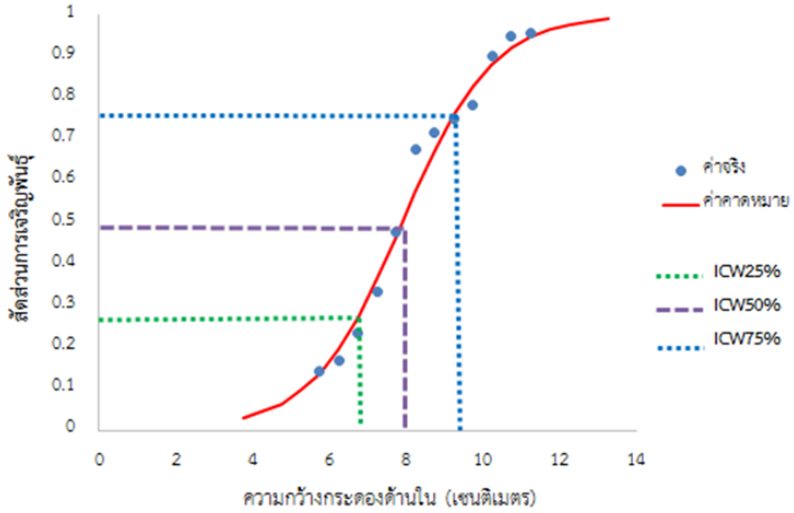


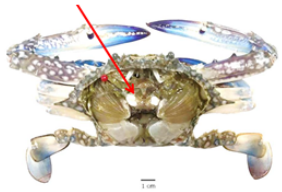
Email: samonsak@wu.ac.th

CASE STUDY: BIOLOGY STUDY

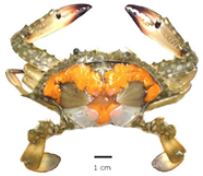
Size at maturity







9.5 cm ICW

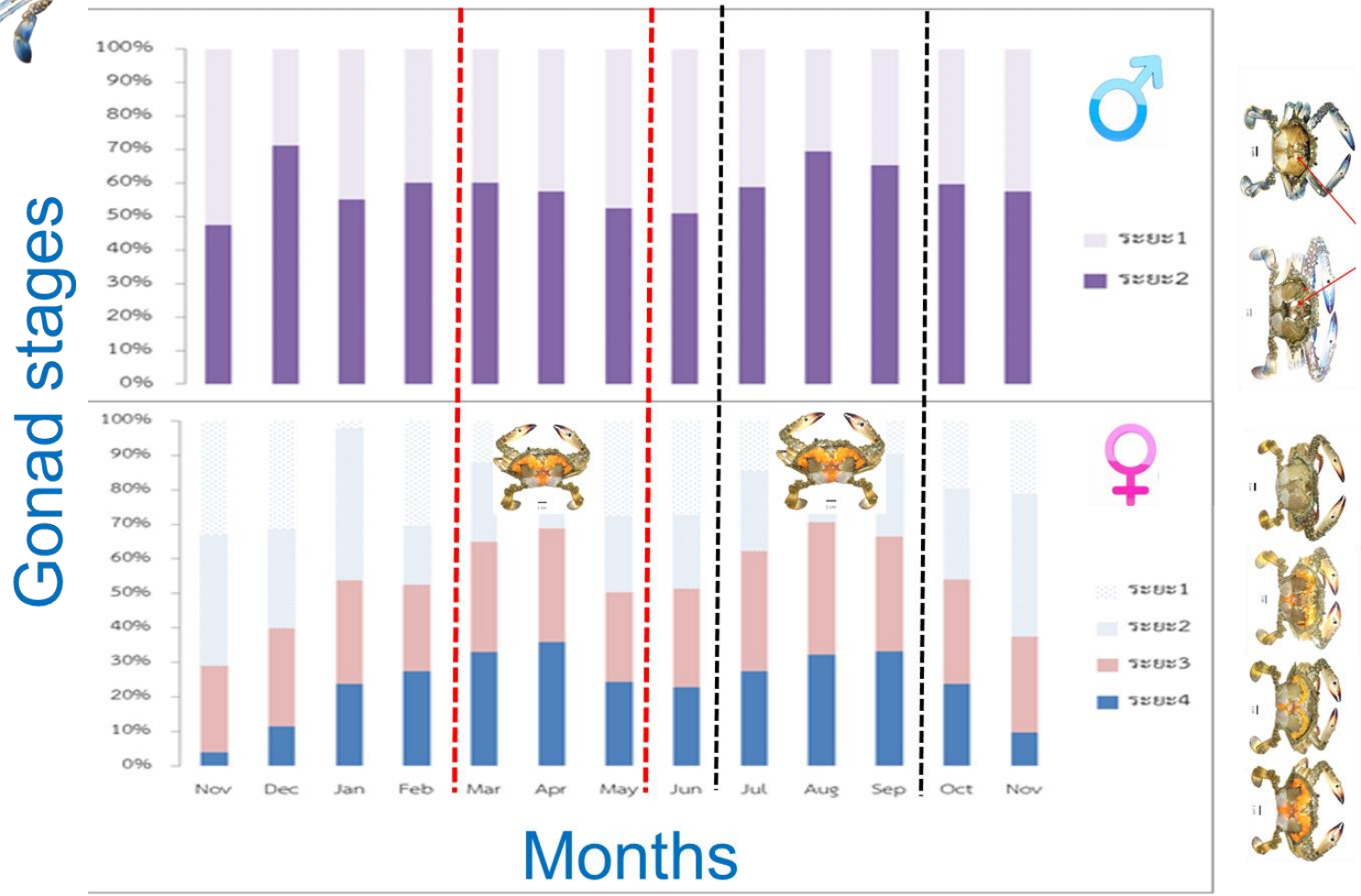


9.9 ICW

Optimum size to catch > 10 CM

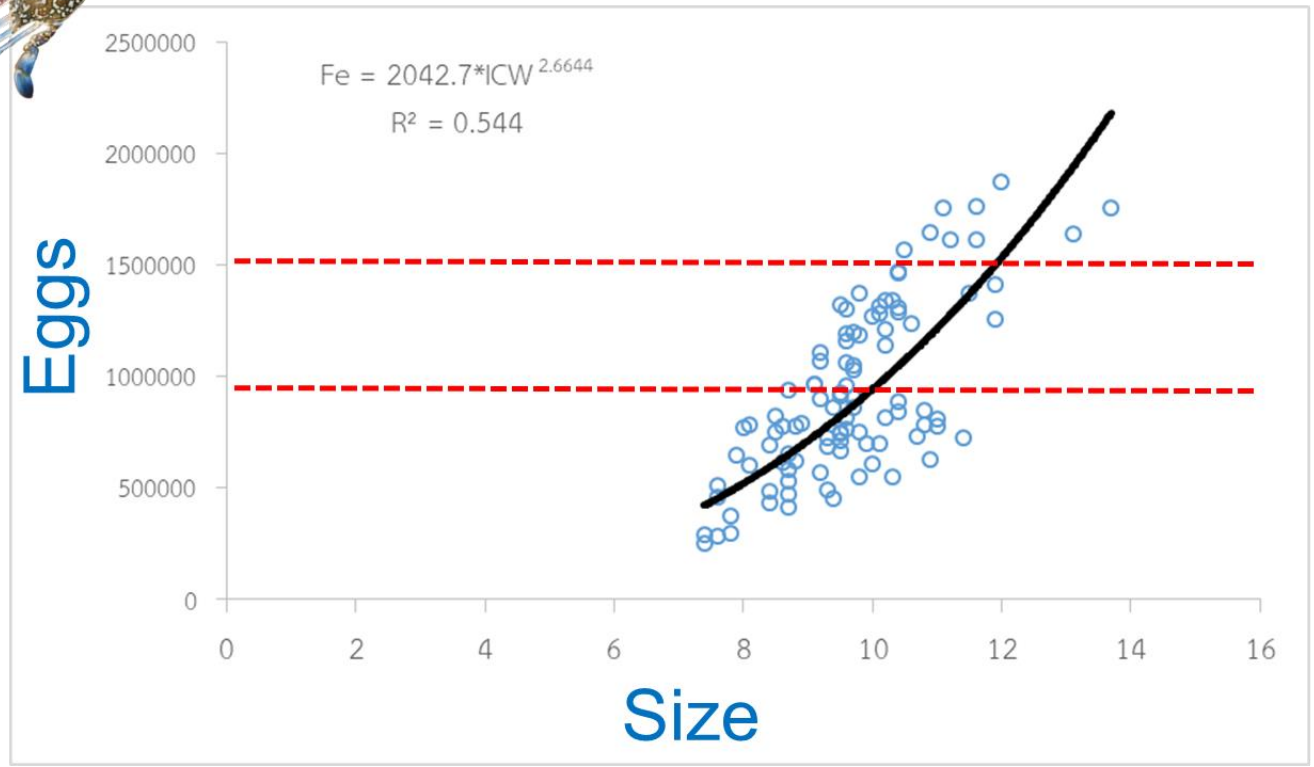
CASE STUDY: BIOLOGY STUDY

Spawning season



CASE STUDY: BIOLOGY STUDY

Fecundity

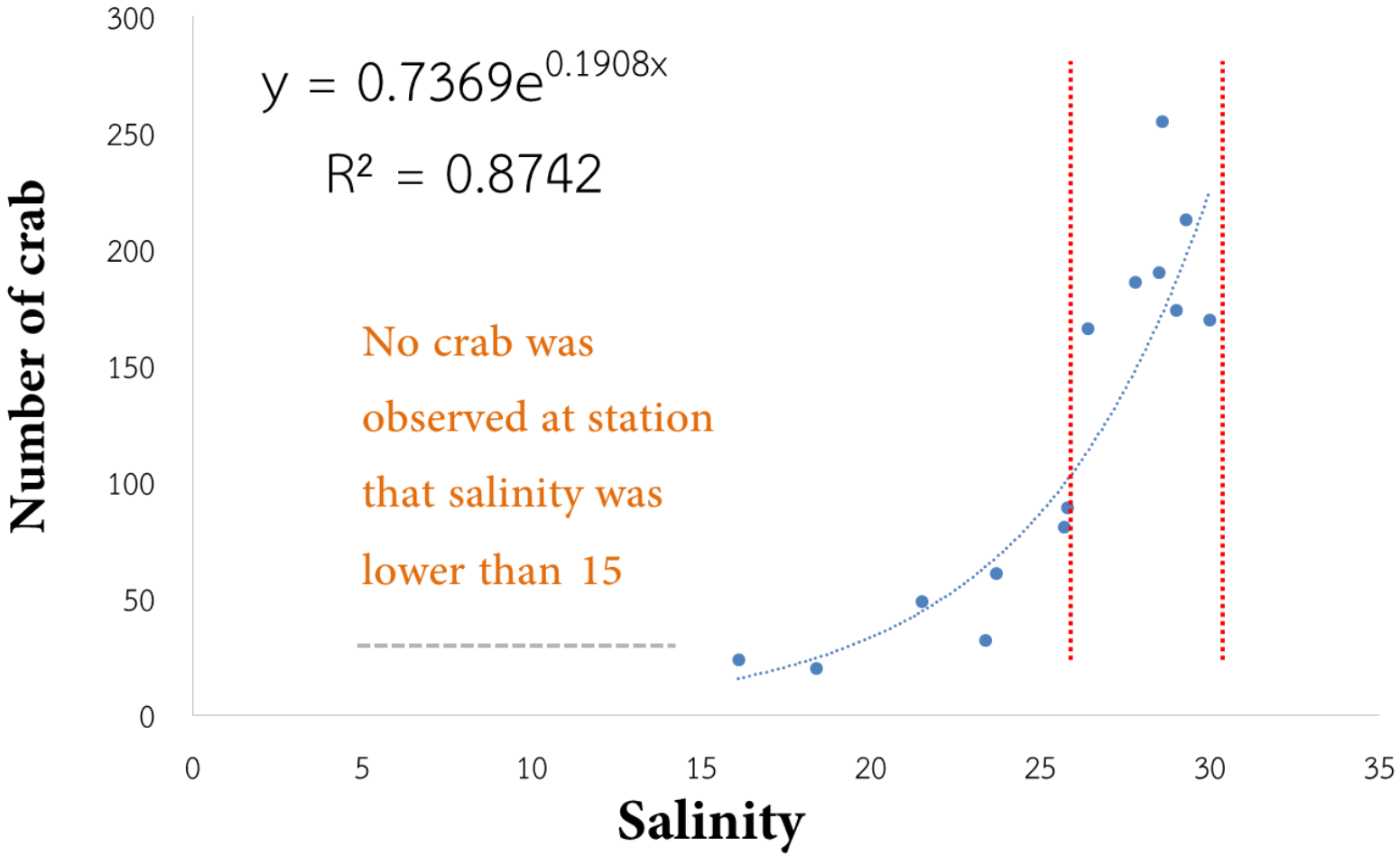


Range 254,612-1,872,023 eggs/ 1 matured female

Average 928,973±383,409 eggs / 1 matured female

CASE STUDY: BIOLOGY STUDY

Relationship B/w Salinity and number of crab



CASE STUDY: BIOLOGY STUDY

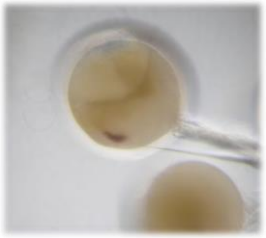
External egg development

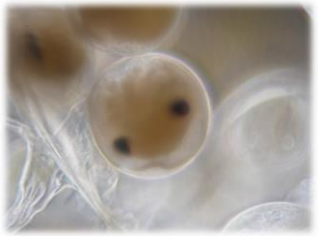
Yellow 4-7 Days

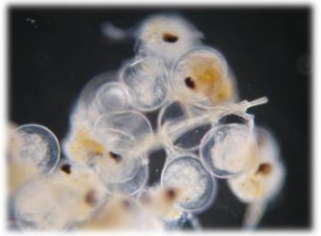
Brown 3-4 Days

Grey 2-3 Days

Black 1-2 Days



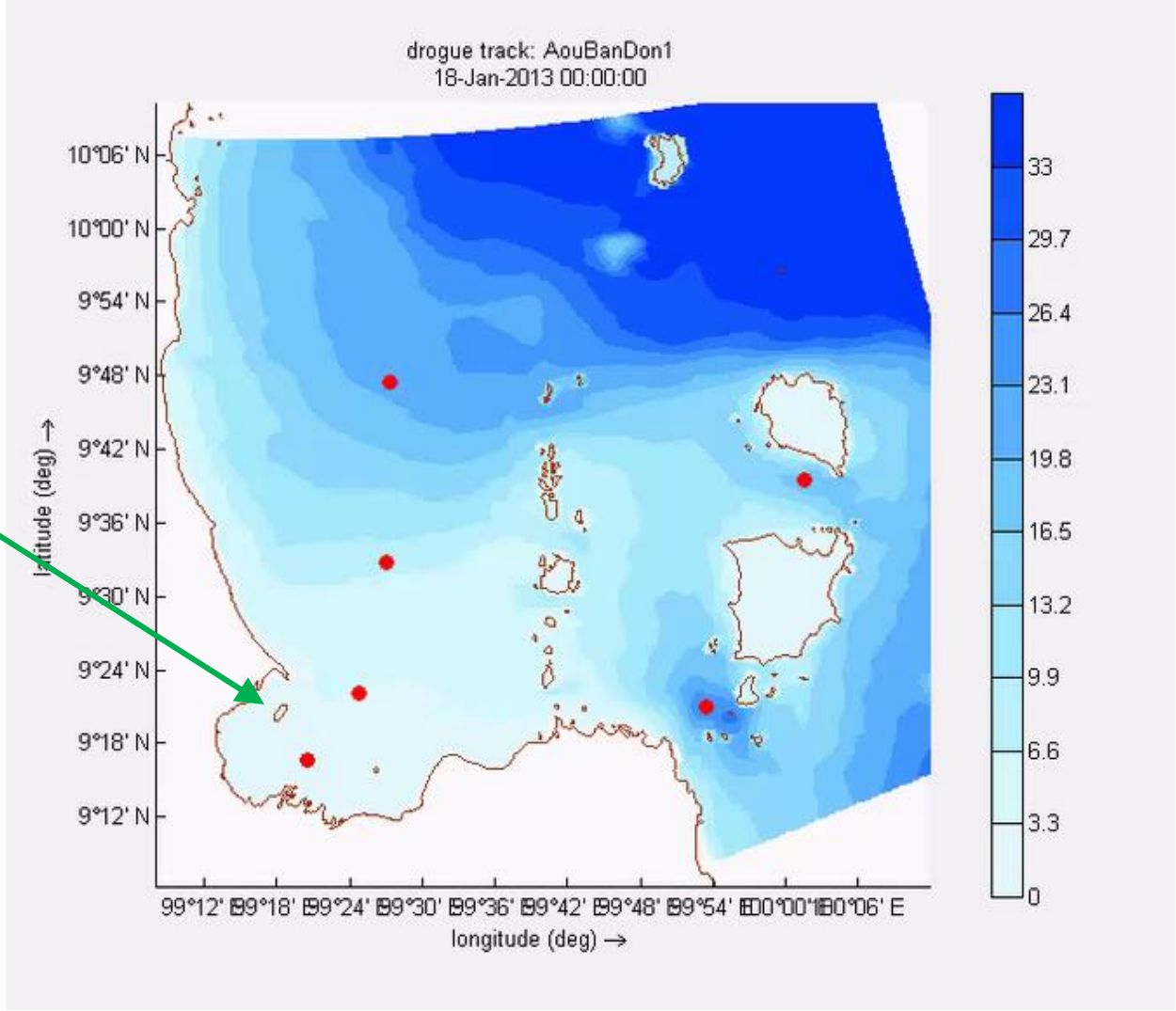




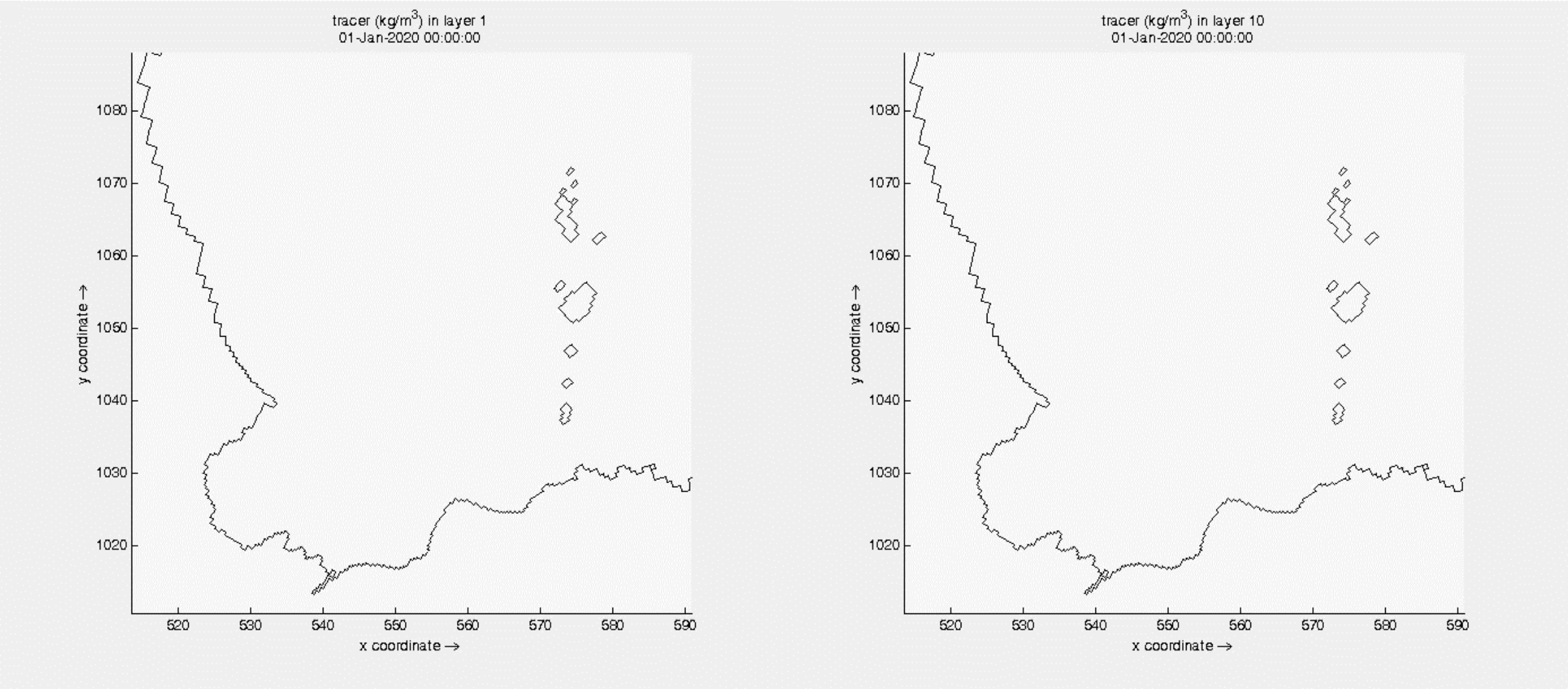
CASE STUDY: CRAB RESTORATION PROJECT

MODELING
Simulation on water movement in the Ban Don Bay

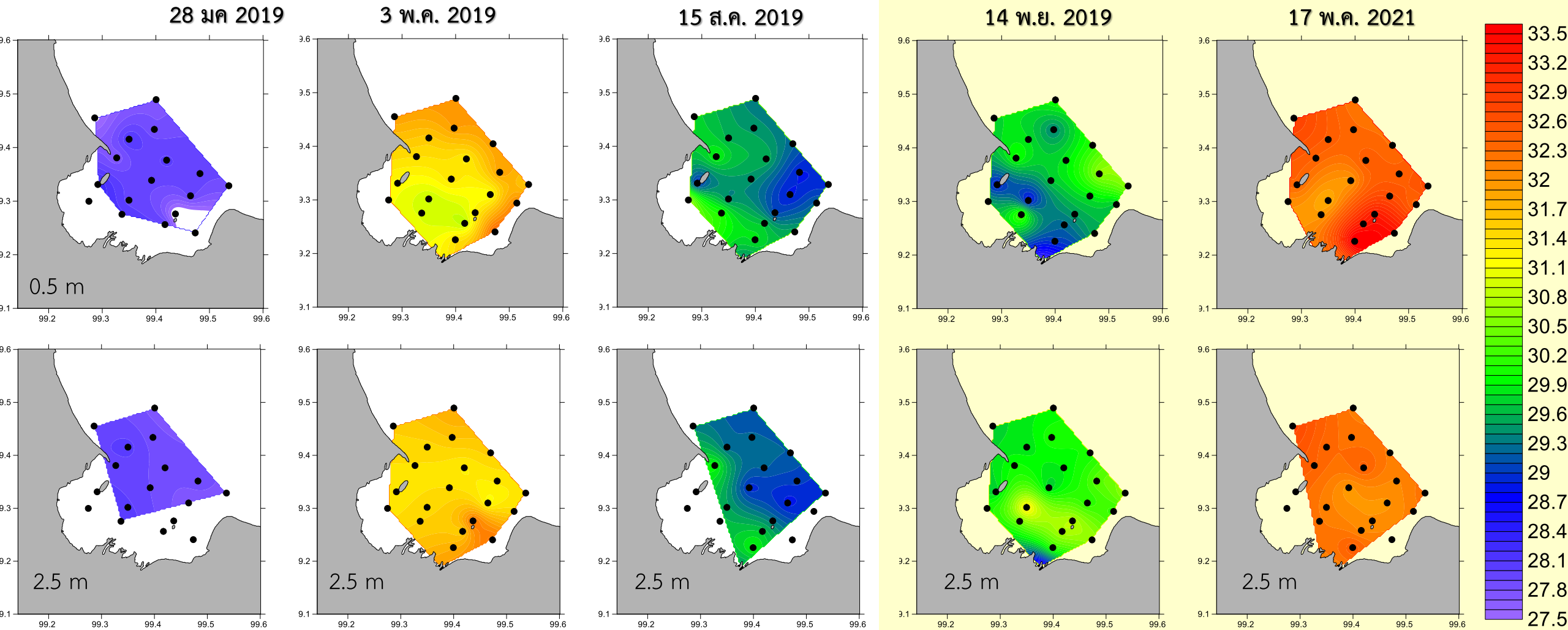
เกาะหัวเสร็จ



3-D Prediction: Crab larval movement follows water current

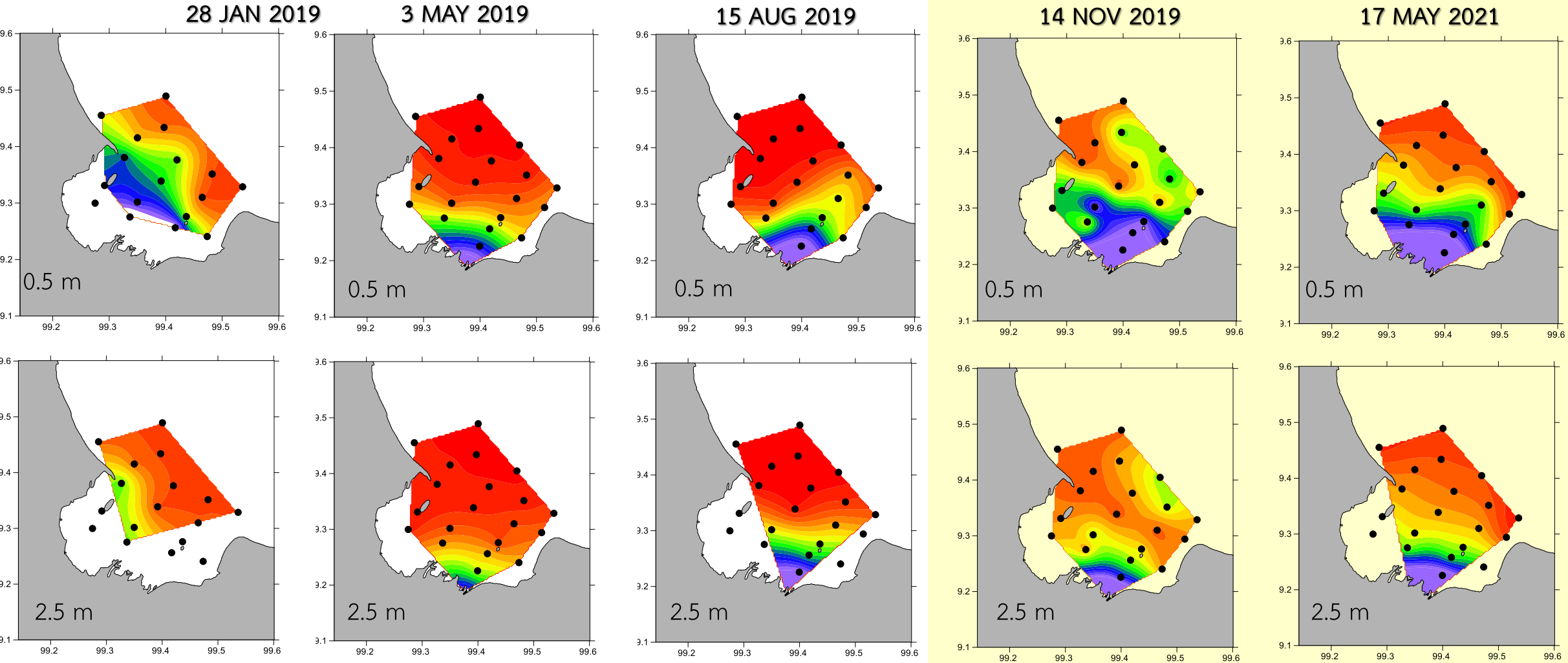


ข้อมูลเชิงพื้นที่รายฤดูกาล Water Temperature



มรสุมตะวันออกเฉียงเหนือ	เปลี่ยนมรสุมครั้งที่ 1	มรสุมตะวันตกเฉียงใต้	เปลี่ยนมรสุมครั้งที่ 2	เปลี่ยนมรสุมครั้งที่ 1 (ซ้ำ)
	NE>>SW		SW>>NE	NE>>SW

ข้อมูลเชิงพื้นที่รายฤดูกาล Salinity



มรสุมตะวันออกเฉียงเหนือ

เปลี่ยนมรสุมครั้งที่ 1

NE>>SW

มรสุมตะวันตกเฉียงใต้

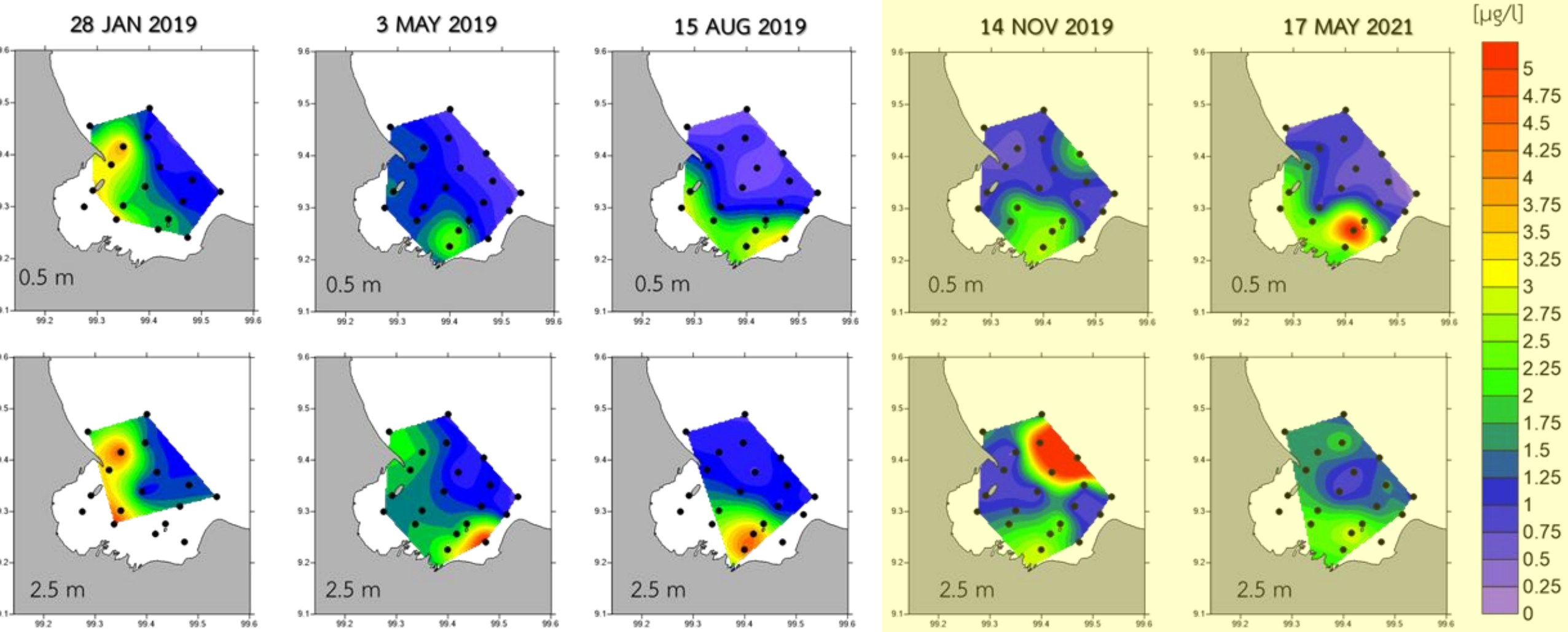
เปลี่ยนมรสุมครั้งที่ 2

SW>>NE

เปลี่ยนมรสุมครั้งที่ 1 (ซ้ำ)

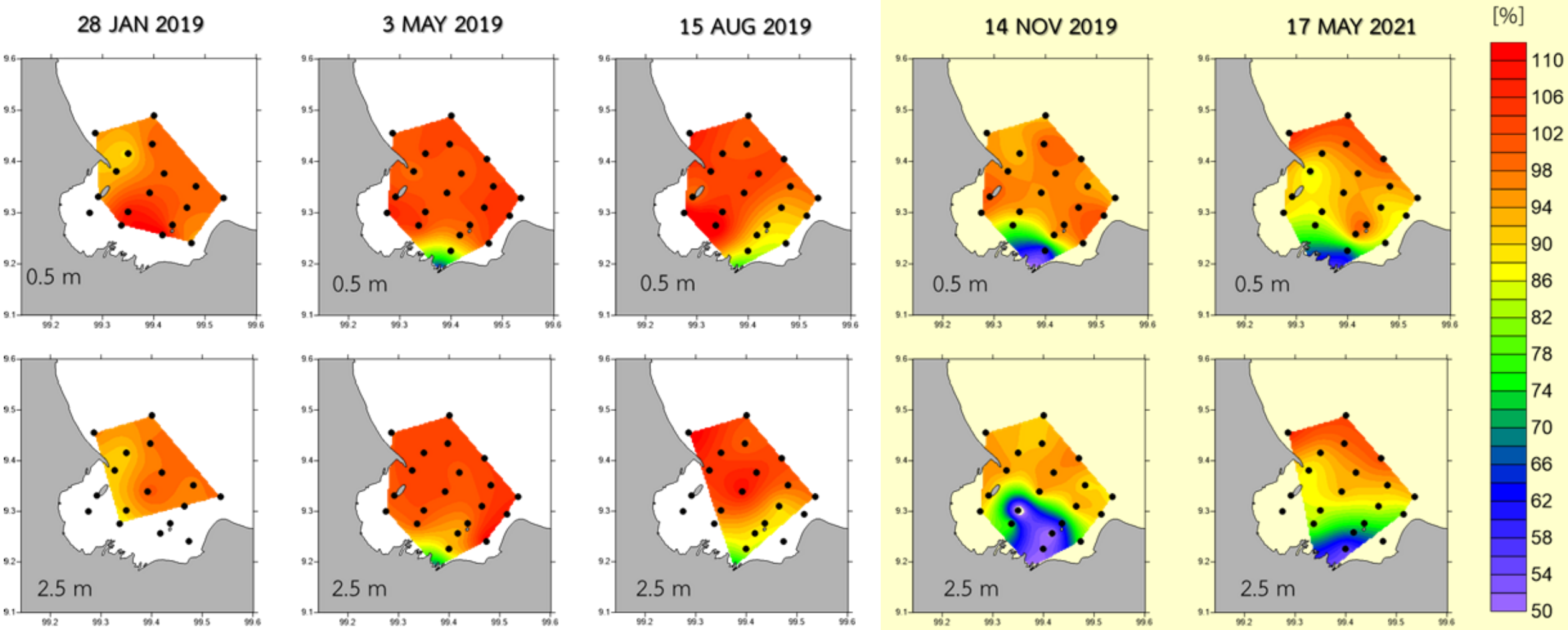
NE>>SW

ข้อมูลเชิงพื้นที่รายฤดูกาล Chlorophyll-a conc.



มรสุมตะวันออกเฉียงเหนือ	เปลี่ยนมรสุมครั้งที่ 1	มรสุมตะวันตกเฉียงใต้	เปลี่ยนมรสุมครั้งที่ 2	เปลี่ยนมรสุมครั้งที่ 1 (ซ้ำ)
	NE>>SW		SW>>NE	NE>>SW

ข้อมูลเชิงพื้นที่รายฤดูกาล Dissolved oxygen



มรสุมตะวันออกเฉียงเหนือ

เปลี่ยนมรสุมครั้งที่ 1

NE>>SW

มรสุมตะวันตกเฉียงใต้

เปลี่ยนมรสุมครั้งที่ 2

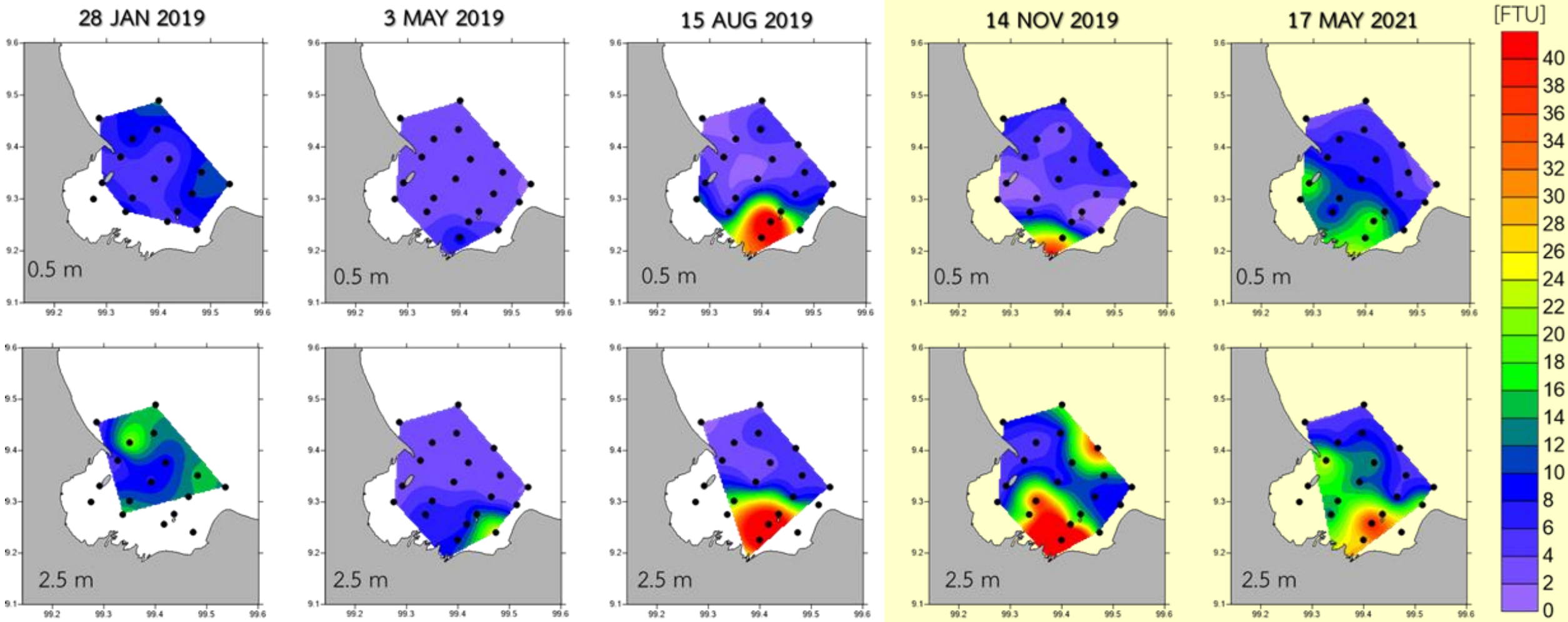
SW>>NE

เปลี่ยนมรสุมครั้งที่ 1 (ซ้ำ)

NE>>SW

ข้อมูลเชิงพื้นที่รายฤดูกาล Turbidity

ระยะที่ 2



มรสุมตะวันออกเฉียงเหนือ	เปลี่ยนมรสุมครั้งที่ 1	มรสุมตะวันตกเฉียงใต้	เปลี่ยนมรสุมครั้งที่ 2	เปลี่ยนมรสุมครั้งที่ 1 (ซ้ำ)
	NE>>SW		SW>>NE	NE>>SW

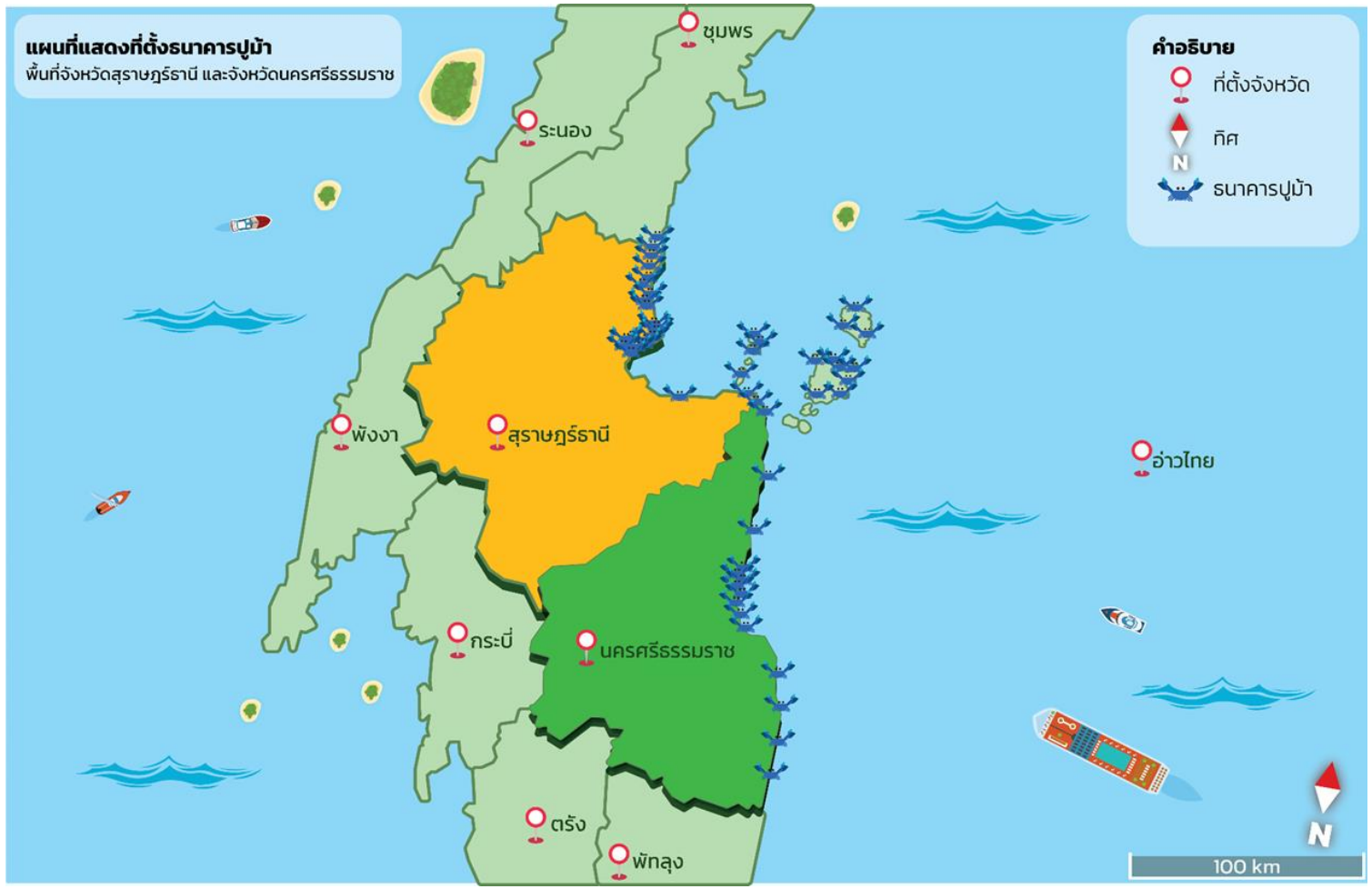
EDUCATE FISHERMEN

EDUCATE FISHERMEN

CRAB BANK INSTALLATION

CRAB BANK INSTALLATION

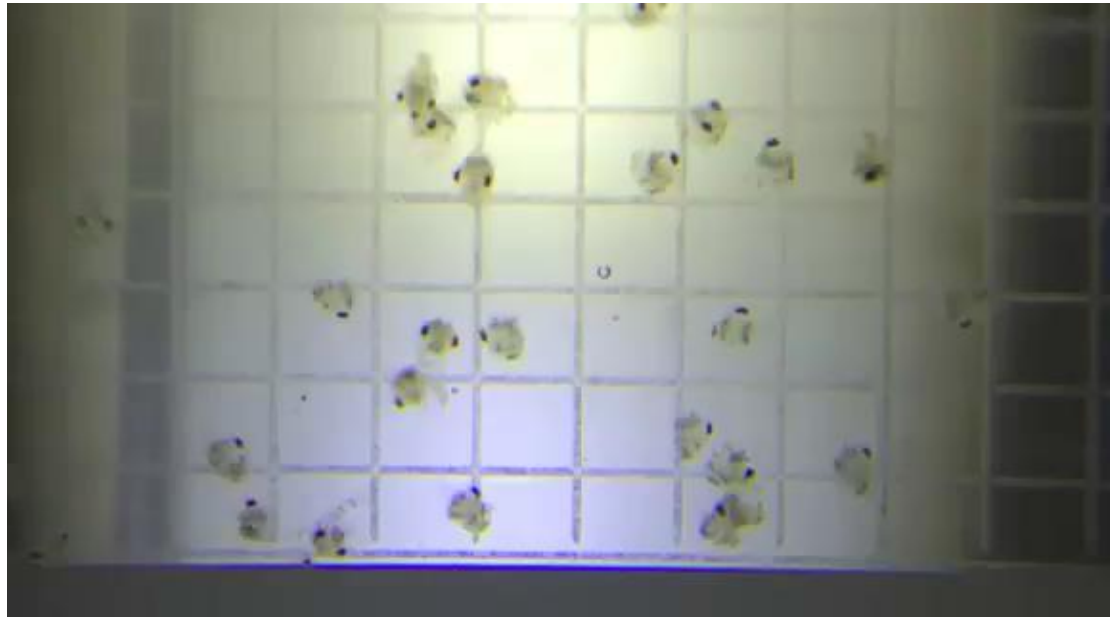
84 Crab bank station



RELEASING BABY CRAB TO THE SEA

WORKSHOP: HATCHING AND CULTURING

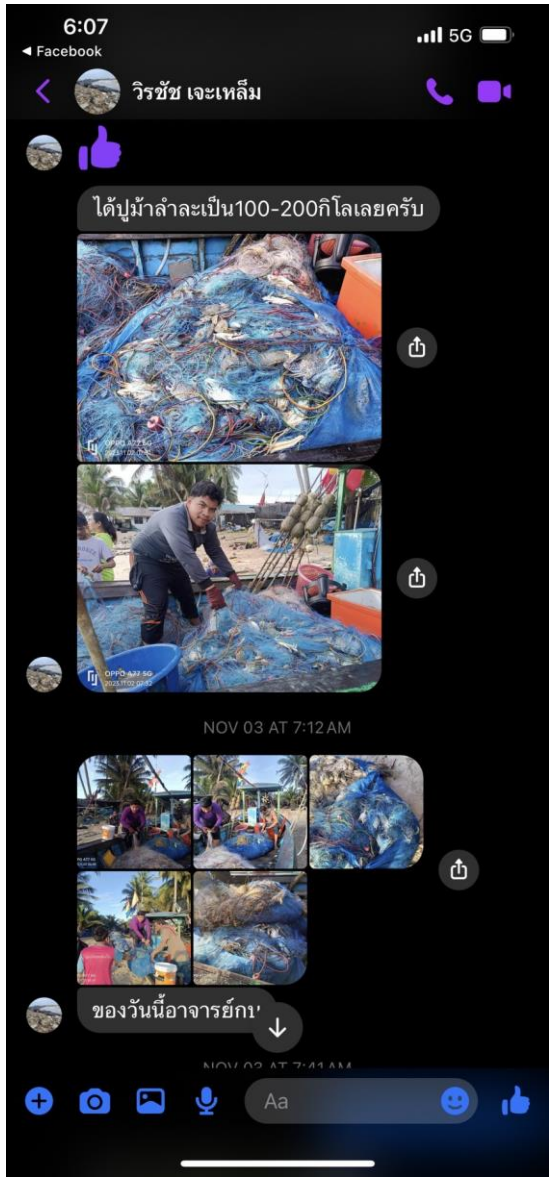
CASE STUDY: ZOEA AND BABY CRAB



OUTCOME OF THE PROJECT

OUTCOME OF THE PROJECT

OUTCOME OF THE PROJECT



วิรชัช เจะเหล็ม is feeling happy with **Woon Teerawat Choosrinual** and **10 others** at **สมาคมประมงพื้นบ้านหัวไทร จ.นครศรีธรรมราช.**

Nov 2 · Amphoe Hua Sai ·

อัพเดตสถานะการวันนี้ของอาชีพชาวประมงพื้นบ้านของชุมชนบ้านเกาะเพชรเรือทุกๆมีแต่รอยยิ้มได้ปูม้าลำละไม่ต่ำกว่า100กิโลบางเรือลำเอาอวนปูมาไม่หมดเพราะปูม้ามากเกินปดกันไม่หมดต้องปล่อยอวนไว้ในทะเลอีกค่อยไปเก็บพรุ่งนี้อีก1วันครับ(รอยยิ้มของชาวประมง)

วิรชัช เจะเหล็ม is feeling happy with **Woon Teerawat Choosrinual** and **10 others** at **สมาคมประมงพื้นบ้านหัวไทร จ.นครศรีธรรมราช.**

Nov 3 · Amphoe Hua Sai ·

ตัวชี้วัดของการทำงานอนุรักษ์แบบต่อเนื่องสิ่งได้ตามมาคือภาพความสุขและรอยยิ้มของอาชีพชาวประมง

ธนาคารปูม้า

OUTCOME OF THE PROJECT

Catch and Benefit

Ban Hadsomboon

Number of boats 73 boats

Small scale fishery: boat length 6-13 meters

	Duration	Catch	
2018	2-3 days	8 kg.	11,200,000 ฿ /community 160,000 ฿ /year/boat
2019	1-2 days	15 kg.	24,637,500 ฿ /community 337,500 ฿ /year/boat

Income improvement ≈ 13,000,000 ฿/community

14 LIFE BELOW WATER

Using Sensor

Monitoring the health of aquatic ecos

Coral reef restoration

Artificial fish habitat installation

14 LIFE BELOW WATER

Sustainable fishery:

Education and action

OUTCOME OF THE PROJECT


TFFA
C A A
MOAC


COFFEE

OUTCOME OF THE PROJECT

14 LIFE BELOW WATER

OUTCOME OF THE PROJECT

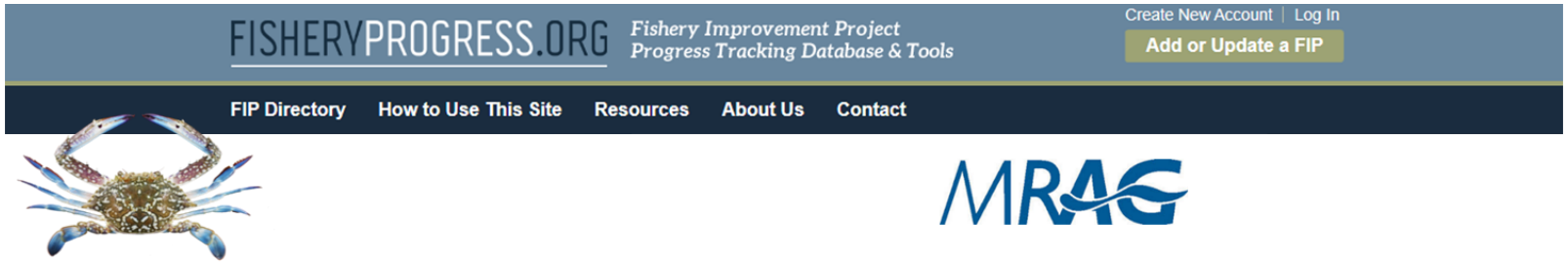
THE BEST SDG COMMUNITY

ชุมชนบ้านหาดสมบูรณ์

ชุมชนต้นแบบ SDG

THE BEST AGRI INNOVATION FOR ECOMNOMIC

OUTCOME OF THE PROJECT



MRAG

2017 | 2018 2019 2020 2021 2022 → PRESENT

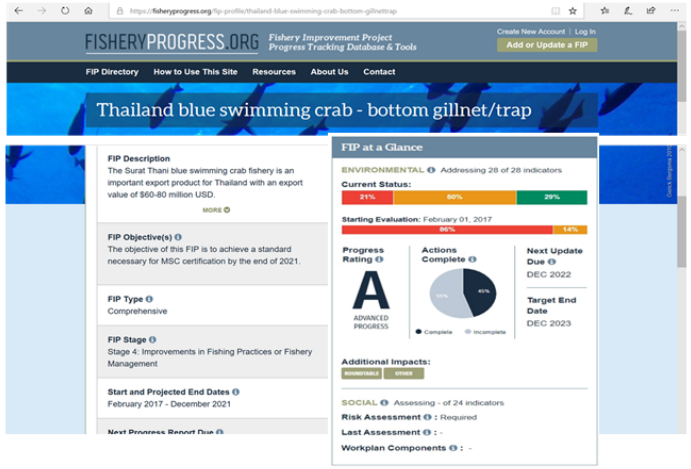
C A A A A A A

START RESEARCH PROJECT

(Advance Progress)

Supporting crab export

1300 million ฿



ภาคีเครือข่าย (ตัวอย่าง) โครงการธนาคารปูม้า

- AIC จังหวัด
- สำนักงานเกษตรและสหกรณ์จังหวัด
- ศูนย์บริการวิชาการ มหาวิทยาลัยวลัยลักษณ์
- สำนักงานประมงจังหวัด
- สำนักงานประมงอำเภอ
- สำนักงานการท่องเที่ยวและกีฬา
- สมาคมธุรกิจการท่องเที่ยวจังหวัด
- กรมทรัพยากรทางทะเลและชายฝั่ง
- หอการค้าจังหวัด
- สมาคมอาหารแช่เยือกแข็งไทย
- เมืองไทยประกันชีวิต
- สมาคมรักษ์ทะเลไทย
- สมาคมสมาพันธ์ประมงพื้นบ้านแห่งประเทศไทย
- องค์การบริหารส่วนจังหวัด
- องค์การบริหารส่วนตำบล
- ชุมชนประมงชายฝั่ง 84 ชุมชน ตลอดแนวชายฝั่ง

กระบวนการและขั้นตอนการดำเนินโครงการ

ธนาคารปูม้า

Upstream



Midstream

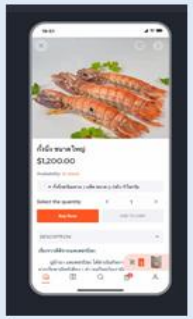

Holistic management

Multidisciplinary integration

Research Utilization

BCG/SDG

Downstream

Lay Khon เลคอน

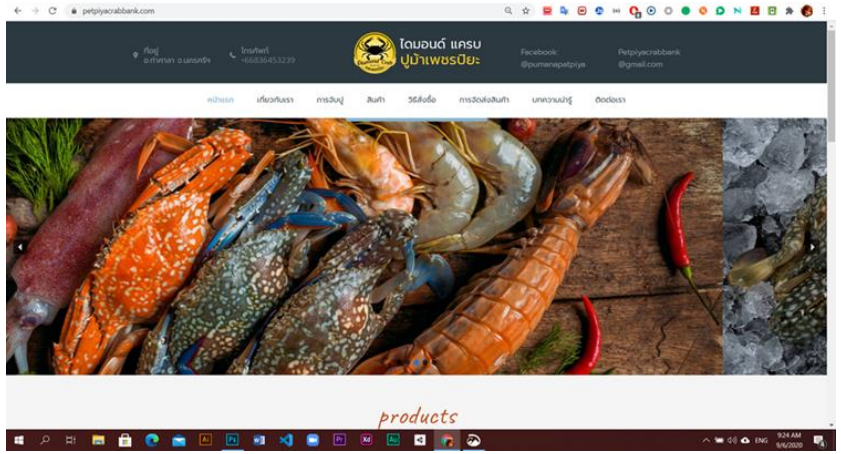
แนวทางการสร้างมูลค่าเพิ่ม

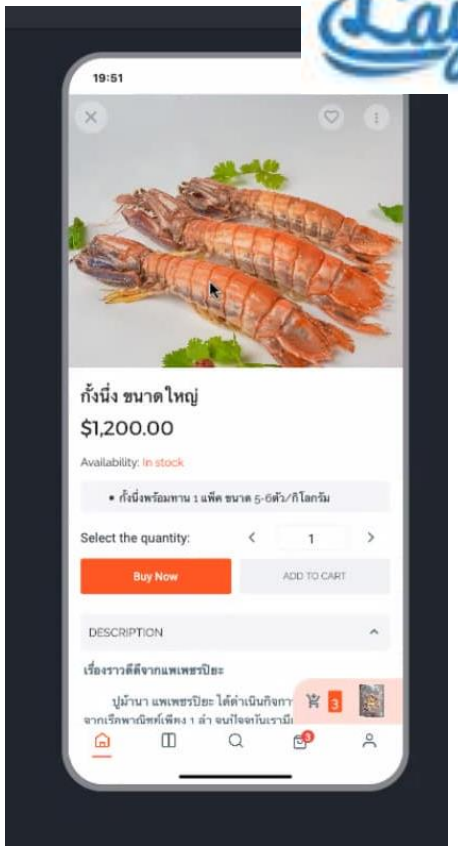
การต่อยอดเมนูอาหารอัตลักษณ์

แนวทางการสร้างมูลค่าเพิ่ม

ธนาคารปูม้า

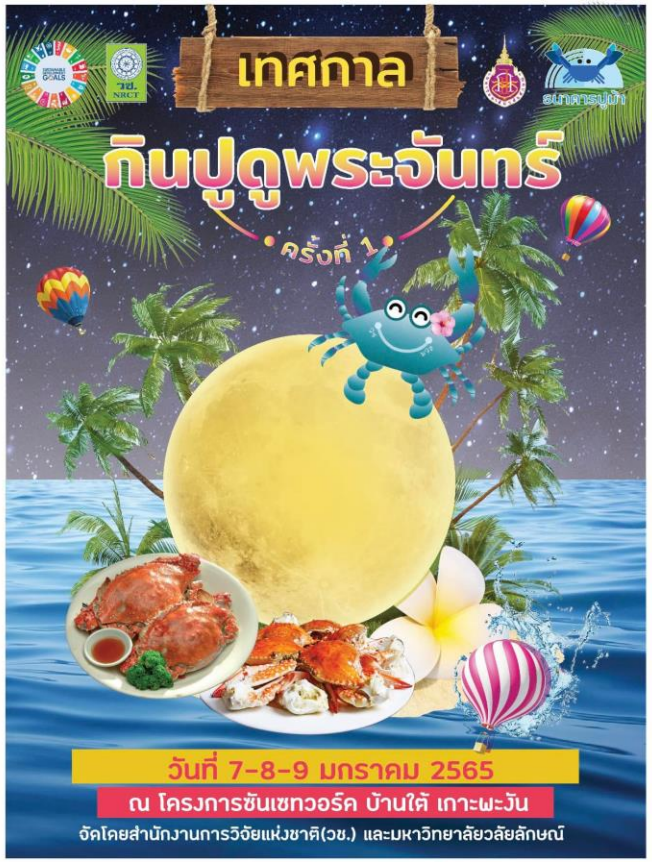
การต่อยอด ตลาดออนไลน์ ร้านอาหารชุมชนต้นแบบ





แนวทางการสร้างมูลค่าเพิ่ม

เทศกาลกินปูม้า สร้างการรับรู้ และกระตุ้นเศรษฐกิจ



เทศกาลกินปูม้า สร้างการรับรู้ และกระตุ้นเศรษฐกิจ

ธนาคารปูม้า

งาน Fun Food Fest 2022

เชื่อมโยงกิจกรรมอนุรักษ์พื้นที่ชายฝั่ง

ประชุมหารือแนวทางการบริหารจัดการทรัพยากรชายฝั่งเพื่อความยั่งยืนร่วมกับภาคีความร่วมมือในพื้นที่
(อบจ. และหน่วยงานที่เกี่ยวข้อง)

การประกาศพื้นที่ แหล่งหลบภัยสัตว์น้ำ Fisheries Refugia

พื้นที่เกาะหัวเสร็จ

สันดอนทะเลขนาดใหญ่

จังหวัดสุราษฎร์ธานี

สื่อความรู้

ธนาคารปูม้า

PeerJ

Catch composition and risk assessment of two fishing gears used in small-scale fisheries of Bandon Bay, the Gulf of Thailand

Tuantong Jutagate[1] and Amonsak Sawusdee[2]

TROPICAL LIFE SCIENCES RESEARCH

Home | Author | Review

Corresponding Author Dashboard

Manuscripts with Decisions

ACTION	STATUS	ID	TITLE	SUBMITTED	DECISIONED

BIODIVERSITAS
Volume 21, Number 9, September 2020
Pages: 4260-4268

ISSN: 1412-033X
E-ISSN: 2085-4722
DOI: 10.13057/biodiv/d210943

Population genetic structure of Blue Swimming Crab (*Portunus pelagicus*) in the Gulf of Thailand

VERAKIAT SUPMEE[1,*], AMONSAK SAWUSDEE[2], PRADIT SANGTHONG[3], JUTHAMAS SUPPARAN[4]

วารสารวิทยาศาสตร์และเทคโนโลยี มหาวิทยาลัยอุบลราชธานี ปีที่ 21 ฉบับที่ 1 มกราคม-เมษายน 2562

ชีววิทยาและการประมงปูม้าในประเทศไทย

Biology and Fisheries of Blue Swimming Crab in Thailand

การประชุมทางวิชาการของมหาวิทยาลัยเกษตรศาสตร์ ครั้งที่ 60 สาขาประมง

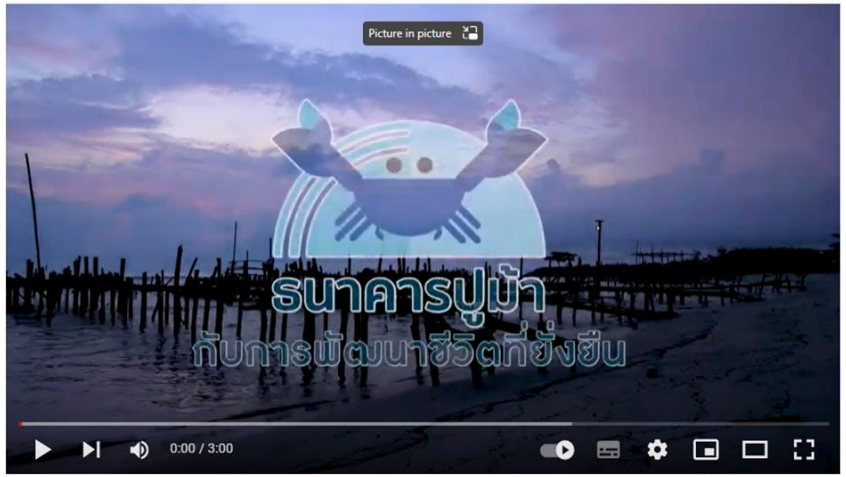
สภาพทางอุทกพลศาสตร์และการคาดการณ์การกระจายตัวอ่อนปูม้า (*Portunus pelagicus*) ในบริเวณอ่าวบ้านดอน จังหวัดสุราษฎร์ธานี

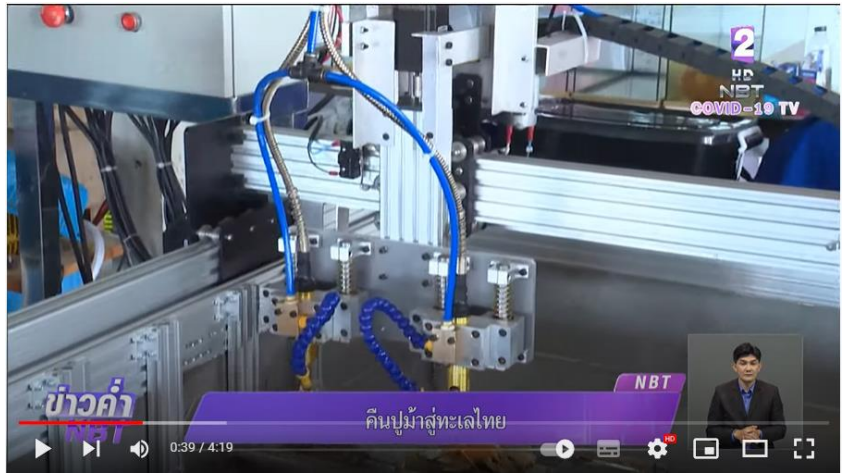
Hydrodynamics and Prediction of the Blue Swimming Crab (*Portunus pelagicus*) Larval Dispersal in Bandon Bay, Surat Thani Province

กฤตภาส สุชาโต[a*], ธนัสพงษ์ โภควนิช[a], สมชาย ชนวัฒนา[b], อมรศักดิ์ สวัสดี[c]

กระบวนการและขั้นตอนการดำเนินโครงการ

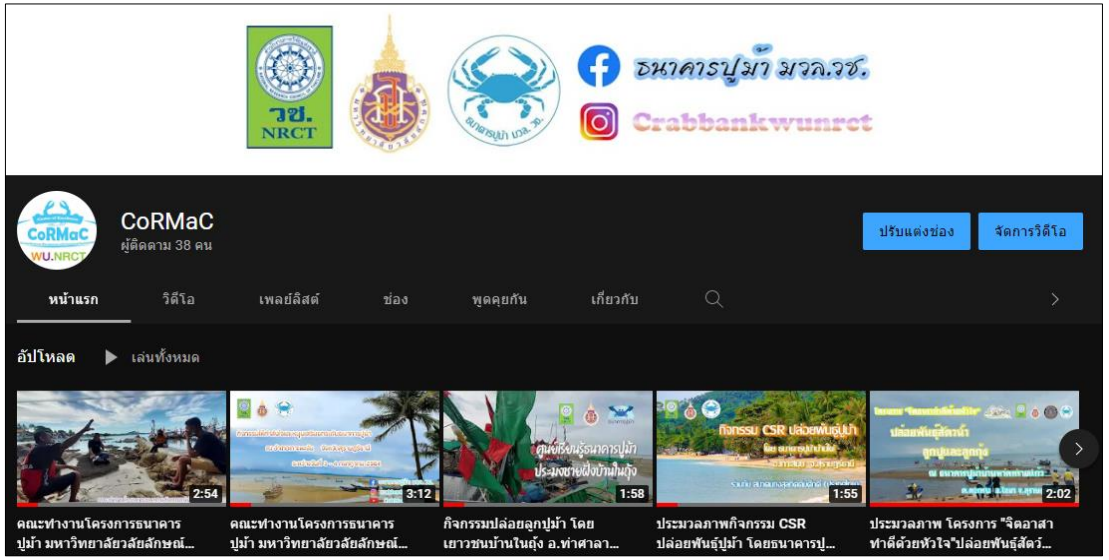
สื่อความรู้แบบออนไลน์

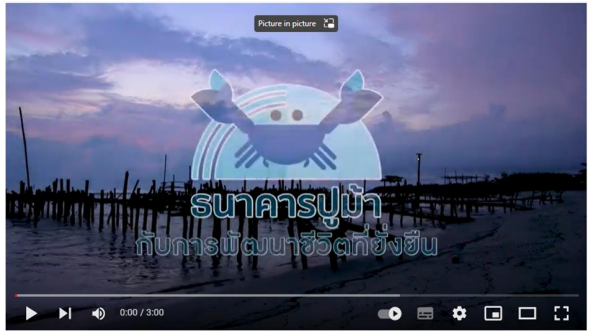




สื่อความรู้แบบออนไลน์

ธนาคารปูม้า





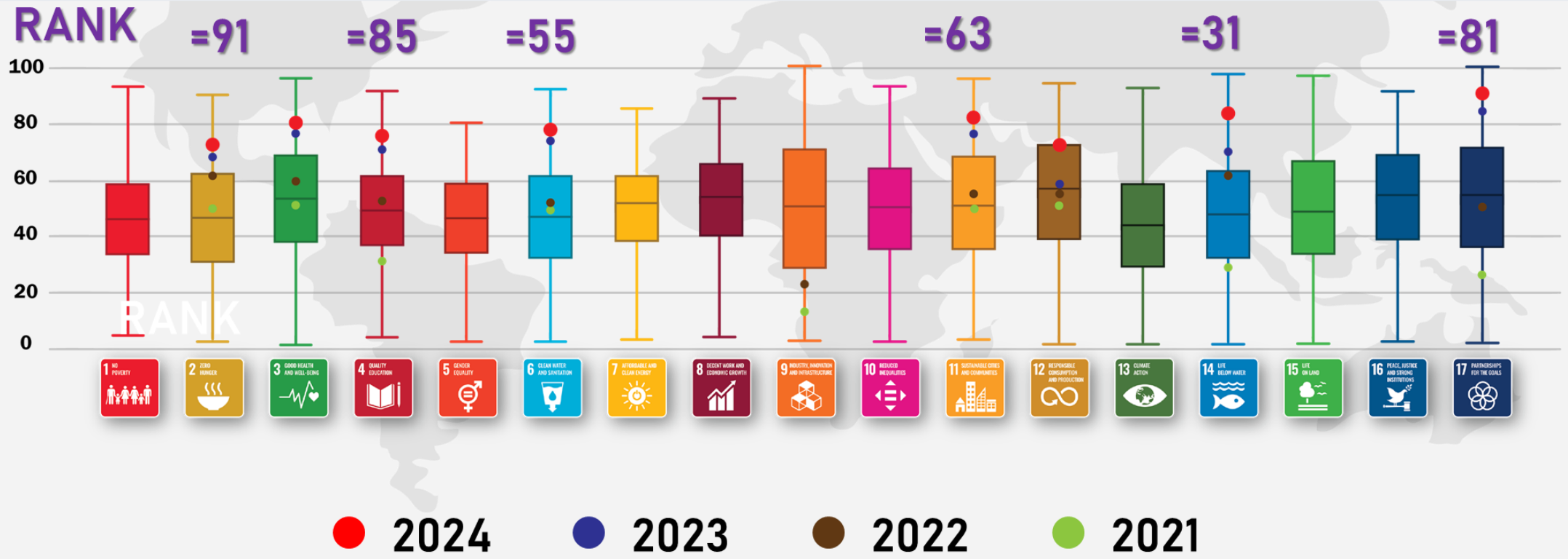
OUTCOME OF THE PROJECT

THE OUTSTANDING AWARD FOR SOCIAL CONTRIBUTION

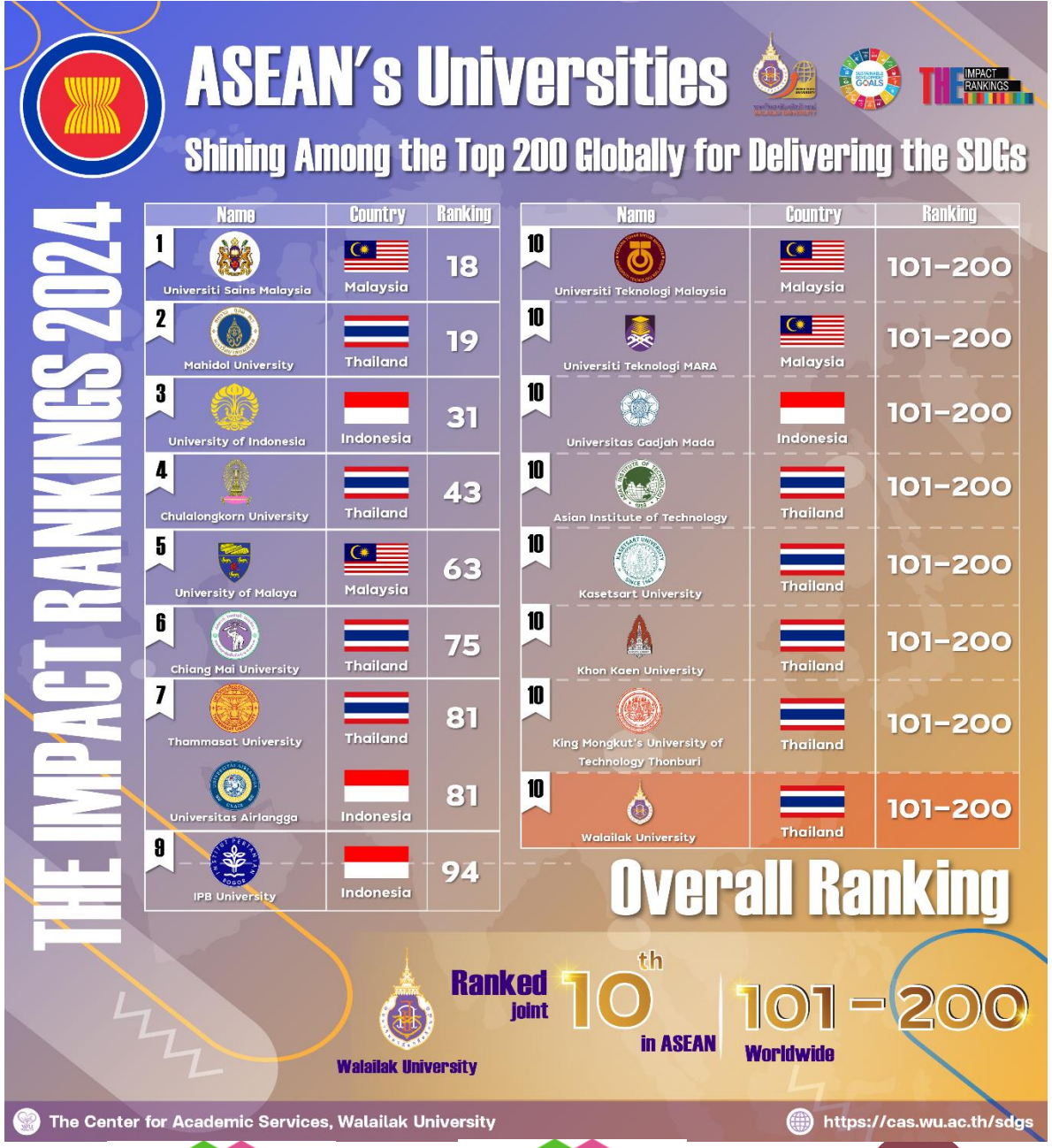
THE IMPACT RANKINGS 2024

THE Impact Rankings 2024

OVERALL SCORE	OVERALL RANK	SDG PARTICIPATED
84.6 out of 100	101–200 out of 1963 institutions	8 out of 17 Sustainable Development Goals




Thailand's Universities Shining Among
the Top 100 Globally for Delivering the SDGs
THE IMPACT RANKINGS 2024
Overall Ranking
Walailak University
Ranked joint 5th in Thailand
101 – 200
Worldwide
The Center for Academic Services, Walailak University
https://cas.wu.ac.th/sdgs


ASEAN's Universities
Shining Among the Top 200 Globally for Delivering the SDGs
THE IMPACT RANKINGS 2024
Name | Country | Ranking
1 Universiti Sains Malaysia | Malaysia | 18
2 Mahidol University | Thailand | 19
3 University of Indonesia | Indonesia | 31
4 Chulalongkorn University | Thailand | 43
5 University of Malaya | Malaysia | 63
6 Chiang Mai University | Thailand | 75
7 Thammasat University | Thailand | 81
Universitas Airlangga | Indonesia | 81
9 IPB University | Indonesia | 94
10 Universiti Teknologi Malaysia | Malaysia | 101–200
10 Universiti Teknologi MARA | Malaysia | 101–200
10 Universitas Gadjah Mada | Indonesia | 101–200
10 Asian Institute of Technology | Thailand | 101–200
10 Kasetsart University | Thailand | 101–200
10 Khon Kaen University | Thailand | 101–200
10 King Mongkut's University of Technology Thonburi | Thailand | 101–200
10 Walailak University | Thailand | 101–200
Overall Ranking
Walailak University
Ranked joint 10th in ASEAN
101 – 200
Worldwide
The Center for Academic Services, Walailak University
https://cas.wu.ac.th/sdgs

ASEAN's Universities Shining Among the Top 100 for Individual SDGs

THE IMPACT RANKINGS 2024

RANK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 NO POVERTY															
2 ZERO HUNGER															
3 GOOD HEALTH AND WELL-BEING															
4 QUALITY EDUCATION															
5 GENDER EQUALITY															
6 CLEAN WATER AND SANITATION															
7 AFFORDABLE AND CLEAN ENERGY															
8 DECENT WORK AND ECONOMIC GROWTH															

2 ZERO HUNGER

4 QUALITY EDUCATION

6 CLEAN WATER AND SANITATION

ASEAN's Universities Shining Among the Top 100 for Individual SDGs

THE IMPACT RANKINGS 2024

RANK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE															
10 REDUCED INEQUALITIES															
11 SUSTAINABLE CITIES AND COMMUNITIES					SUNWAY UNIVERSITY										
12 RESPONSIBLE CONSUMPTION AND PRODUCTION															
13 CLIMATE ACTION															
14 LIFE BELOW WATER															
15 LIFE ON LAND															
16 PEACE, JUSTICE AND STRONG INSTITUTIONS															
17 PARTNERSHIPS FOR THE GOALS						UTAR		U-MAP				SUNWAY UNIVERSITY			

11 SUSTAINABLE CITIES AND COMMUNITIES

14 LIFE BELOW WATER

17 PARTNERSHIPS FOR THE GOALS

มหาวิทยาลัยวลัยลักษณ์
WALAILAK UNIVERSITY

Times Higher Education
Impact Rankings 2024

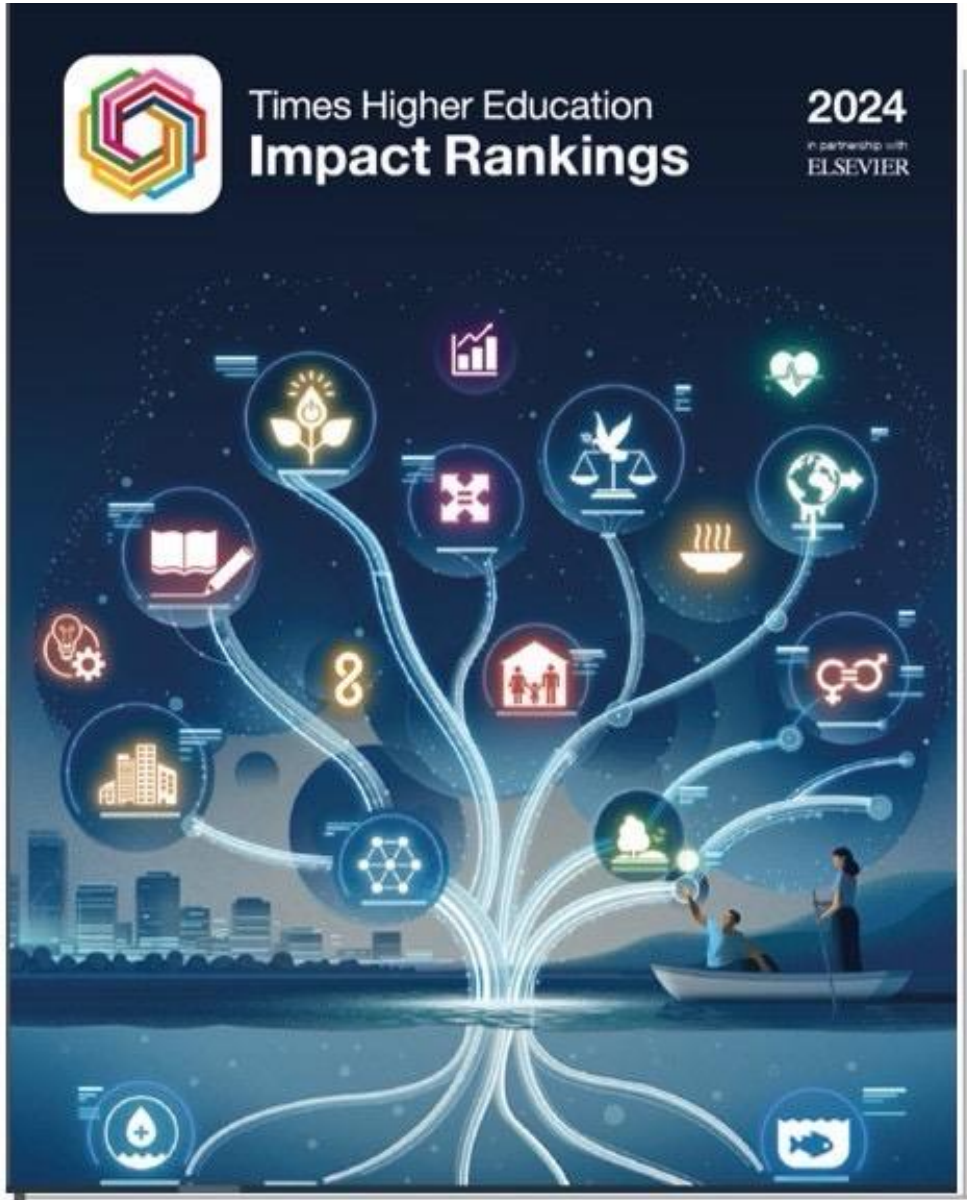
มหาวิทยาลัยวลัยลักษณ์ ได้รับการจัดอันดับ TOP 5 ของโลก

จากการสรุป Top university 1-10 ของโลก
ใน 4 ด้าน ของ Impact Rankings

ด้านนโยบายและแนวทางในการปฏิบัติภายในมหาวิทยาลัย (Stewardship)	อันดับ 3 ของโลก
ด้านการบริการวิชาการเชื่อมโยงกับสังคมในระดับต่างๆ (Outreach)	อันดับ 4 ของโลก

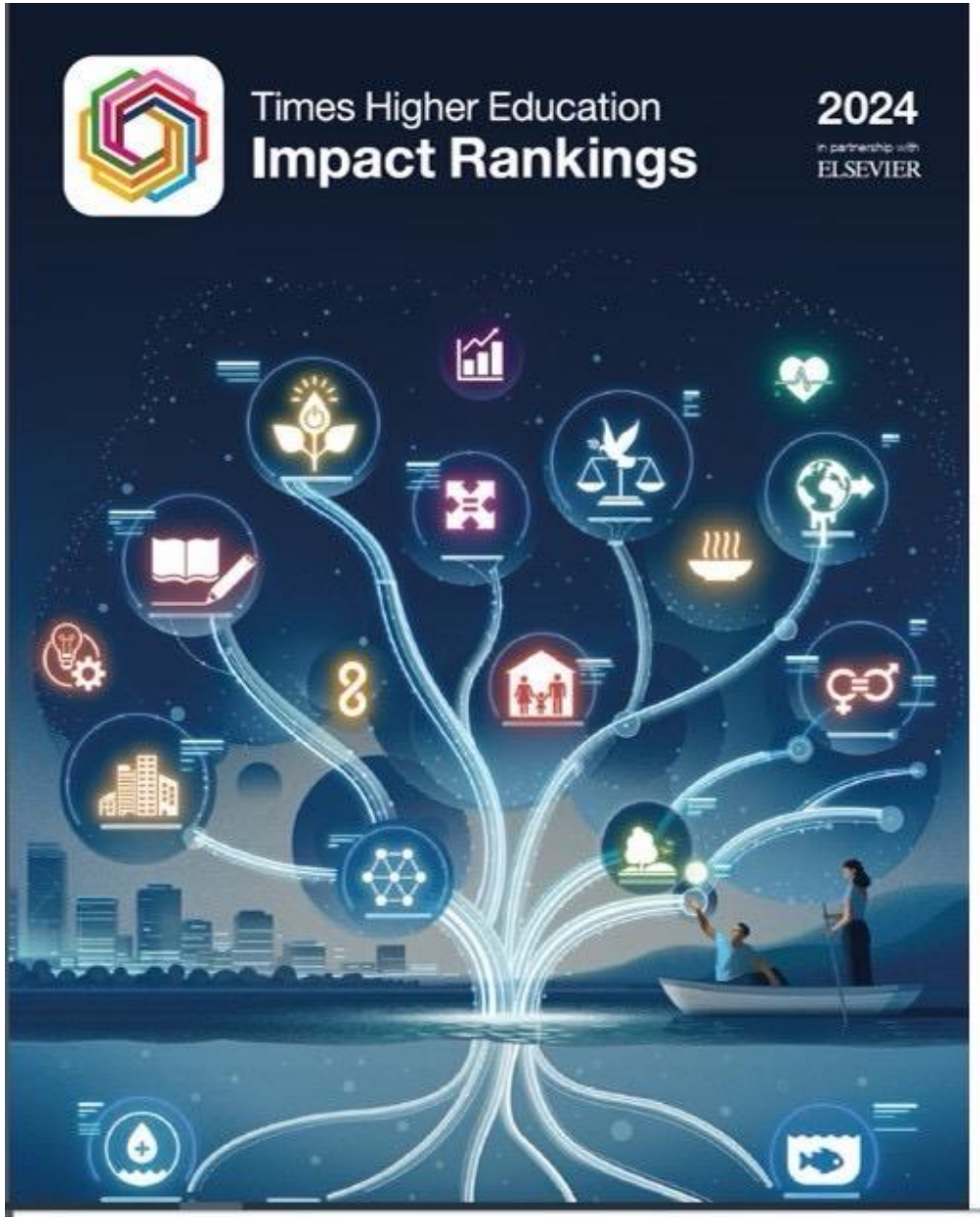
www.wu.ac.th Walailak University Walailak_U

ที่มา: รายงาน THE *Impact Rankings 2024*, 20 มิถุนายน 2567, หน้า 16-18



TOP UNIVERSITIES FOR STEWARDSHIP

Institution	Country/region	Stewardship score
Afe Babalola University	Nigeria	98.2
RMIT University	Australia	96.1
Walailak University	Thailand	95.6
University of Exeter	United Kingdom	95.1
University of Tasmania	Australia	95.0
University of Technology Sydney	Australia	95.0
Batterjee Medical College	Saudi Arabia	94.8
Western Sydney University	Australia	94.4
Swansea University	United Kingdom	94.2
Northumbria University	United Kingdom	94.1



TOP UNIVERSITIES FOR OUTREACH

Institution	Country/region	Stewardship score
Afe Babalola University	Nigeria	98.0
University of Minnesota	United States	97.0
Arizona State University (Tempe)	United States	96.2
Walailak University	Thailand	95.8
KIIT University	India	95.0
Ulster University	United Kingdom	95.0
University of Exeter	United Kingdom	94.7
University of Manchester	United Kingdom	94.6
Chinese University of Hong Kong	Hong Kong	94.6
University of Auckland	New Zealand	94.5

3G AWARDS 2024

Changes from 2022

In addition we have made a change to the overall score.

We now calculate this in two stages

1. We calculate a 2023 score in the same way as we have always done (17 + A + B + C)
2. We average this with the 2022 overall score

Why have we changed the overall score?

By making the overall score the average of two years we are smoothing the rate of change.

This significantly reduces volatility for participants.

We are moving to putting more focus on individual SDG performance

THE IMPACT RANKINGS

Calculating the overall score

When we calculate the overall score, we assign the following proportions:

- SDG 17: 22%
- Top three SDGs: each 26%

17	A	B	C
22%	26%	26%	26% =100%

- ✓ Universities could submit to as many SDGs as they wished
- ✓ Bibliometrics will always represent the same proportion of overall score, regardless of SDGs chosen

THANK YOU

Assist. Prof. Dr. AMONSAK SAWUSDEE
Director of the center for academic services
Walailak University, Thailand