



The Project for Enhancing Science-based Integrated Collaborations towards Sustainable Development of the Mekong Delta Region (SDMD) under Climate Change

2022 April-2027 March (5 years)



Can Tho University / Center of Mekong Delta

Mekong Delta

Can Tho University



Vietnam

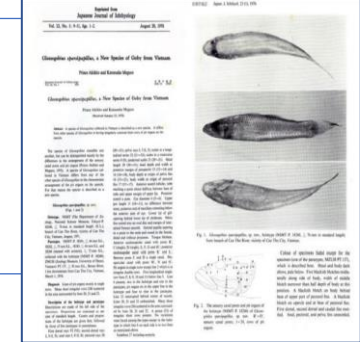
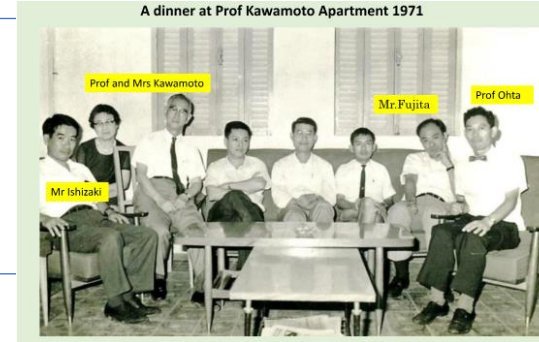


Mekong River

Relationship between Can Tho University (CTU) and JICA

1970s

JICA started dispatching experts to CTU



1980s



1993-95 : JICA's Grant Aid Project to construct new College of Agriculture Building

1990s

2000s

2015-2022 : JICA's Yen Loan Project
2016-2021 : JICA's TC-1

2010s

2019 : JICA President Award was sent to CTU

2020s

2022-2027 : JICA's Technical Cooperation TC-2



Yen Loan + TC-I (2015 - 2021)

- Educational staff 35 people (Ph.D.), Staff 9 people (MSc)
- Newly establishment of 3 Master Programs
- 36 x Joint Researches
- Construction of research laboratory facilities



Research Laboratory Complex



Net Houses



Hatcheries

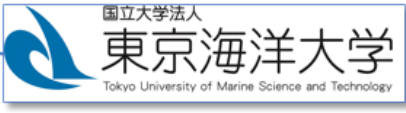
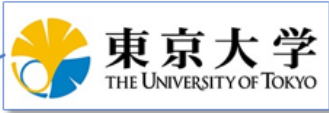


Advanced Technology Laboratory

Overall Goal
CTU contributes to SDMD through integrated collaboration between local governments, industries and universities

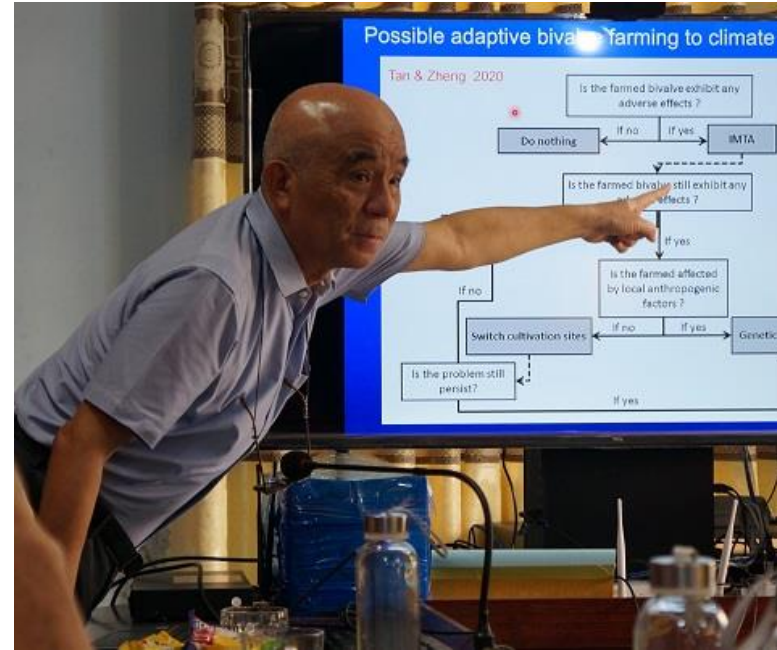
TC-2
(2022 April-2027 March)

Project Purpose
The network of CTU with local governments, industries and other universities is strengthened and its capability to implement the integrated collaboration to secure climate-change adaptation is enhanced



Output 1
Education & Training
Output 2
Joint Research & Technology Transfer
Output 3
Regional Collaboration (Sustainable Development of Mekong Delta: SDMD)

Output 1 : Education & Training Special Seminar by Japanese Experts



Tuyển sinh trình độ thạc sĩ KỸ THUẬT NÔNG NGHIỆP THÔNG MINH

Smart Agriculture – 8620110



Điều kiện xét tuyển tốt nghiệp đại học các ngành

- Khôi nông nghiệp, sinh học, phát triển nông thôn
- Khôi kỹ thuật, công nghệ, công nghệ thông tin
- Khôi môi trường và tài nguyên thiên nhiên

Phương thức tuyển sinh

- Xét tuyển kết hợp với thi đánh giá năng lực ngoại ngữ bậc 3/6 (B1)

Thời gian đào tạo

- 2 năm



Chương trình đào tạo được tích hợp bởi **Trường Nông nghiệp, Trường Bách Khoa, Trường CNTT và truyền thông**, tiếp cận với tham quan thực tế tại **Nhật Bản**



CƠ HỘI

- ✓ Tiếp tục học lên tiến sĩ trong và ngoài nước
- ✓ Giao lưu với sinh viên quốc tế
- ✓ Chương trình tham quan thực tế ngắn hạn tại Nhật Bản
- ✓ Làm việc cho các tổ chức chính phủ và phi chính phủ, doanh nghiệp, viện nghiên cứu, trường đại học

Điện thoại tư vấn
TS. Võ Thị Bích Thủy
0909 433 729



Chương trình
đào tạo



Địa điểm nộp hồ sơ

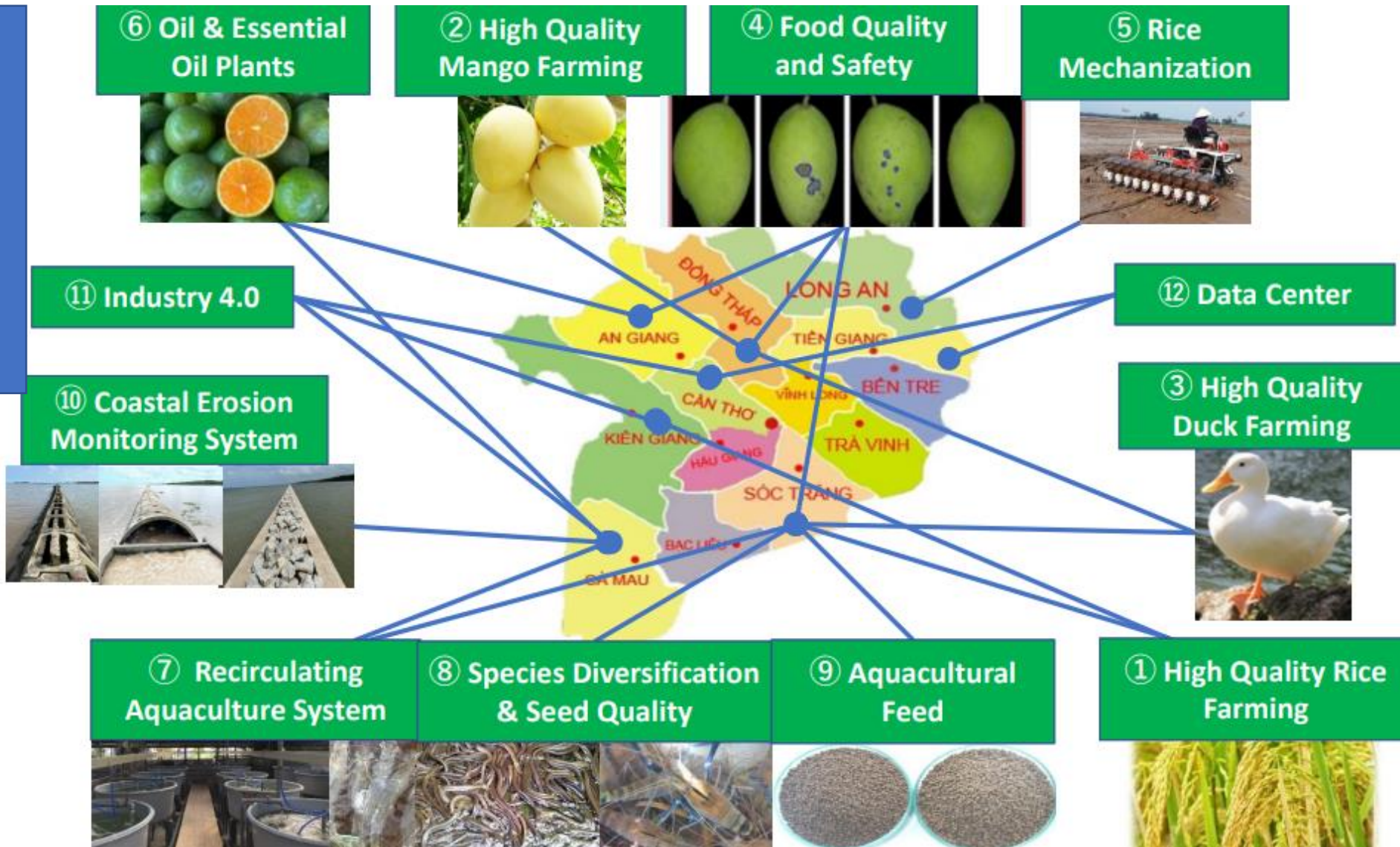
Khoa Sau đại học, Tầng trệt, Dãy D1, Nhà Điều hành, Trường ĐH Cần Thơ,
Khu 2 đường 3/2, Phường Xuân Khánh, Quận Ninh Kiều, Thành phố Cần Thơ
Điện thoại: 0292 3734401; 0292 3734402 Email: ksdh@ctu.edu.vn

Let's join
our Smart
Agriclutre
Program!

Commencement of
Master's Degree on
Smart Agriculture



Output 2 Joint Research & Technology Transfer



If you are interested in the collaboration with these researches and application of research results, please contact Project!

Output 2 : Joint Research & Technology Transfer

1. Developing rice production model adaptive to climate change

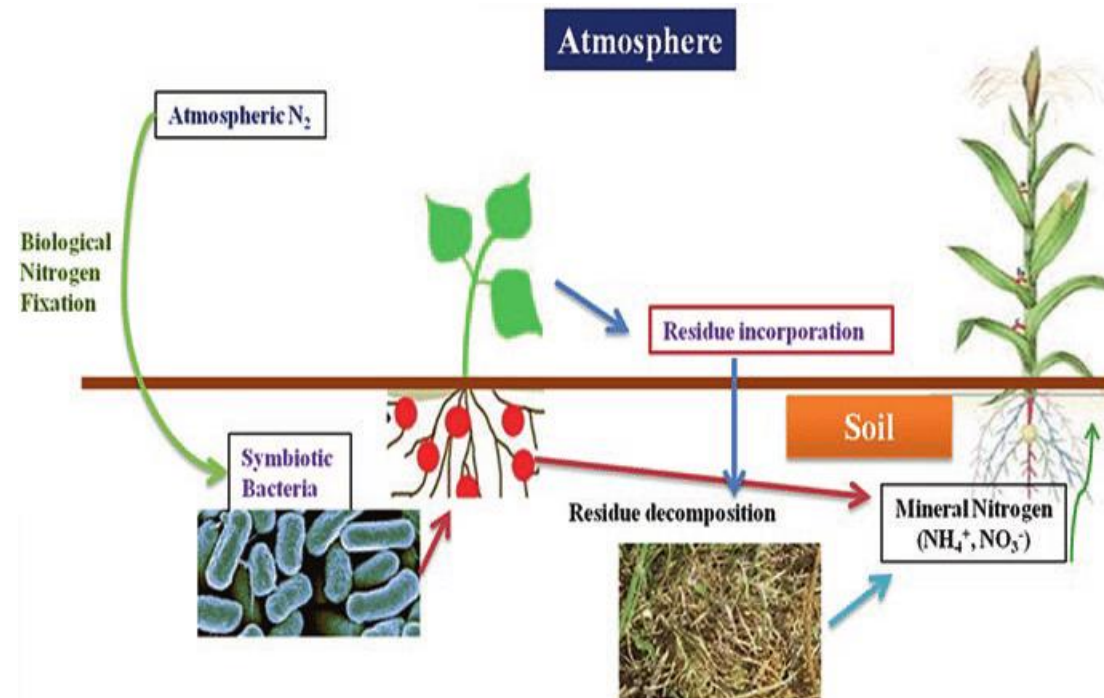
Model 1

Associate Professor
Nguyen Khoi Nghia



Kyushu
Univ.

Associate Professor
Tashiro Yukihiro



2. Development of a high quality mango model adaptive to climate change

Model 2

Dr. Le Phuoc Thanh



TUAT

**Professor
Moriyama Hiromitsu**



3. Developing semi-intensive and disease controlled duck farming models

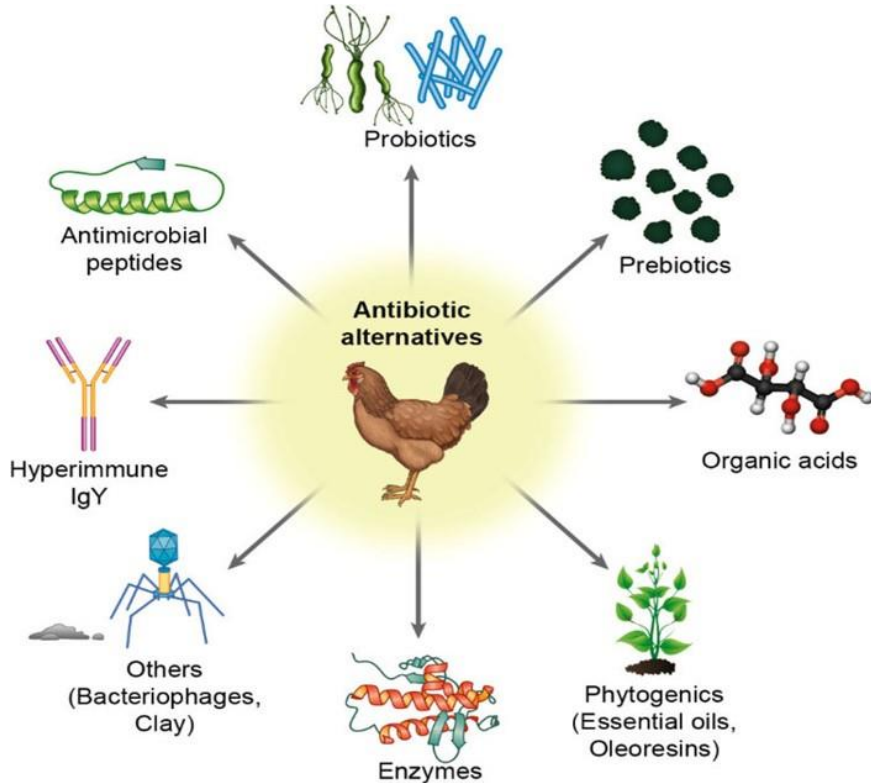
Model 3

Professor
Nguyen Trong Ngu

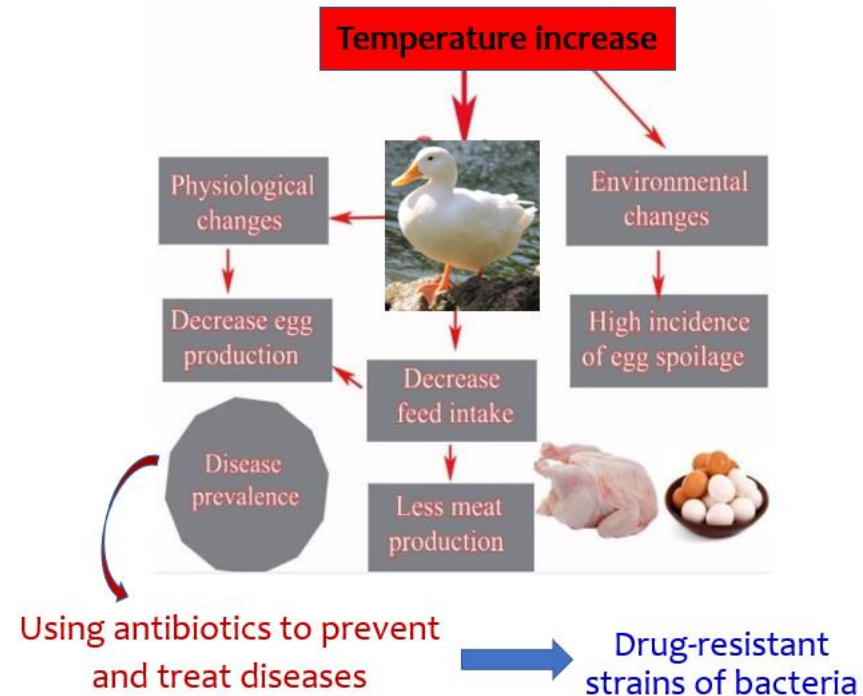


Okayama
Univ.

Professor
Hatabu Toshimitsu



Impact of climate change on poultry



4. Monitoring technology in post/pre-harvest, processing of enhanced value-added products and fast evaluation of quality and safety of food under impact of climate change on quality of agricultural products

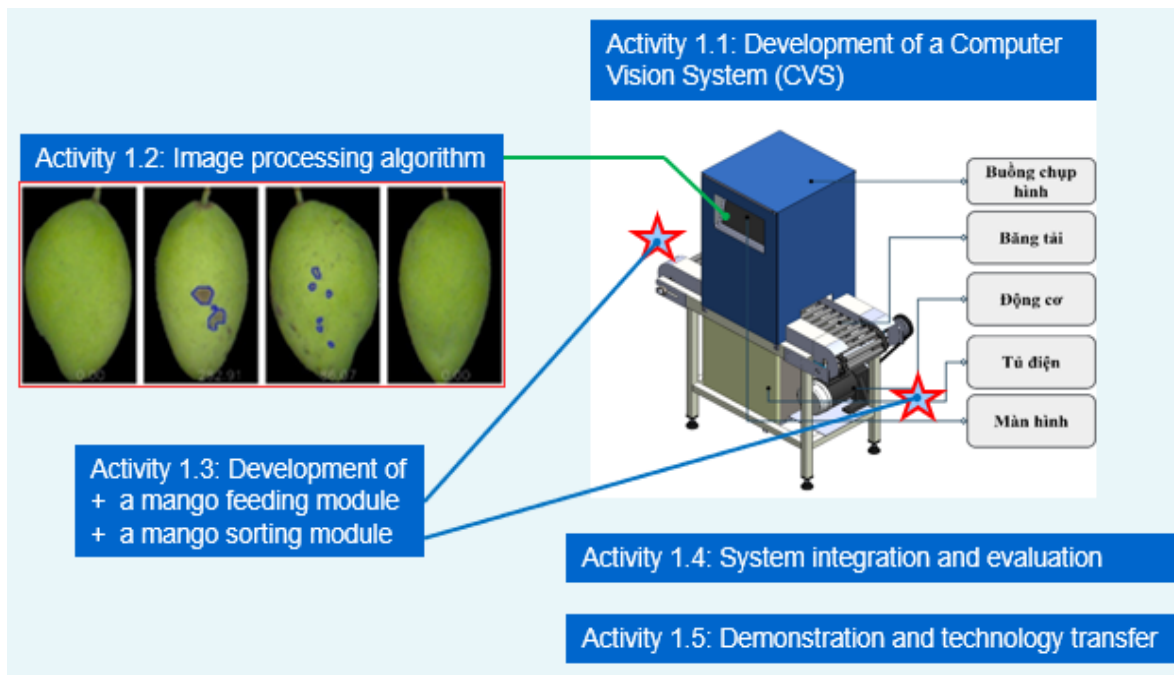
Model 4

**Associate Professor
Nguyen Cong Ha**





KIT

**Associate Professor
Fukuzawa Masayuki**



5. Application of mechanization and automation to reduce labor in rice cultivation and enhance the rice value chain

Model 5	Dr. Nguyen Van Cuong		Hokkaido Univ.	Professor Noguchi Noboru Assistant Professor Ospina Alarcon Ricardo	
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6. Upgrading the value chain of some oil and essential oil plants

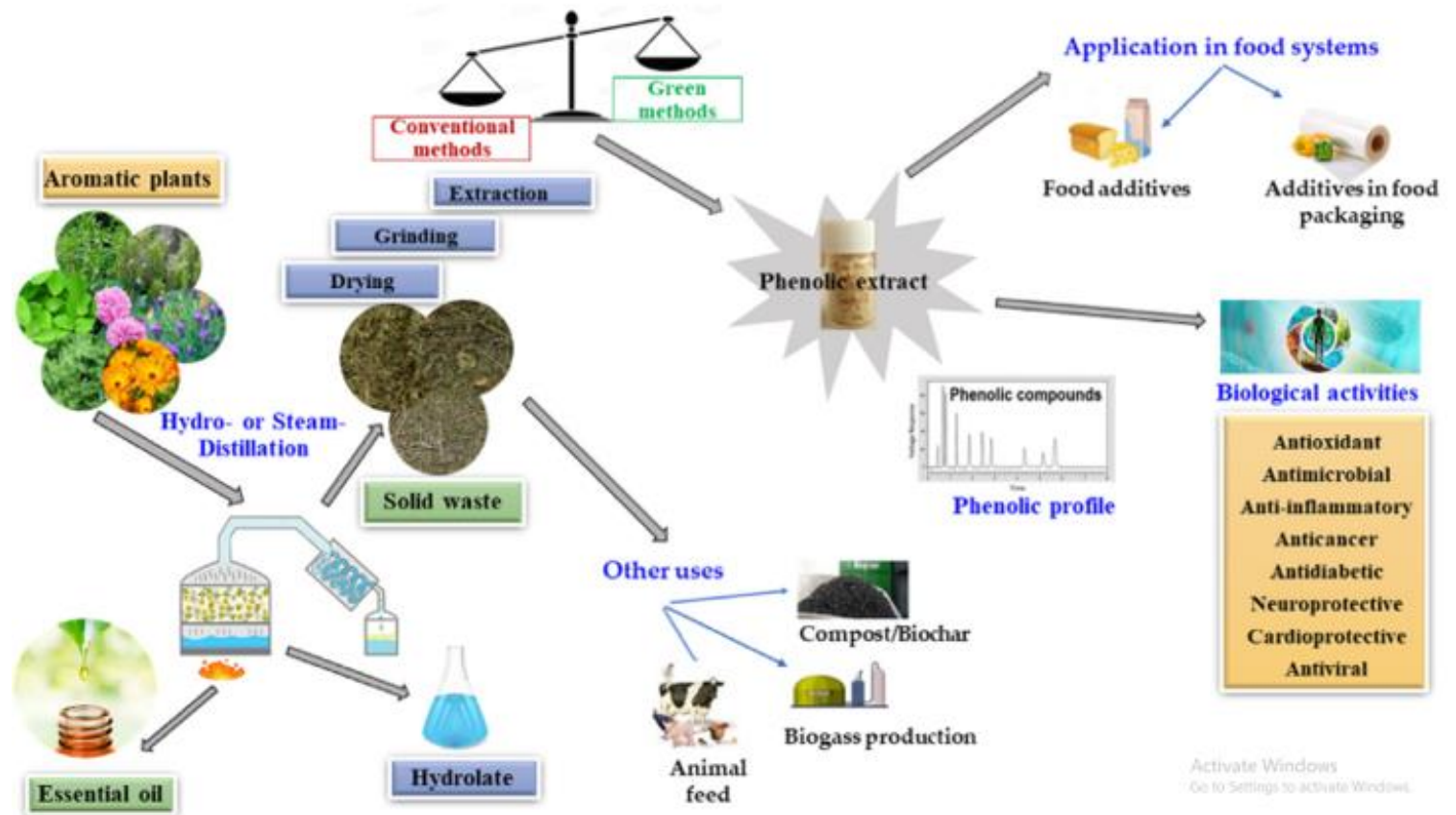
Model 6

Associate Professor
Doan Van Hong Thien



Okayama
Univ.

Professor
Murata Yoshiyuki



7. Developing advanced and sustainable aquaculture systems to adapt to climate change and saline water intrusion

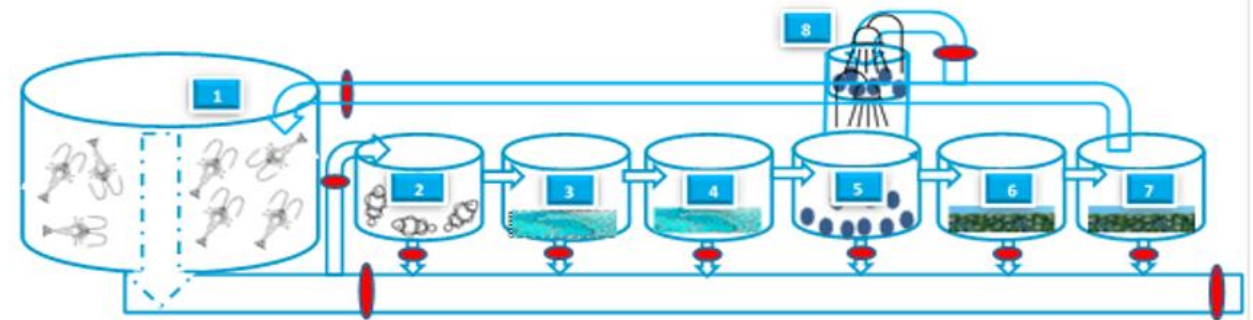
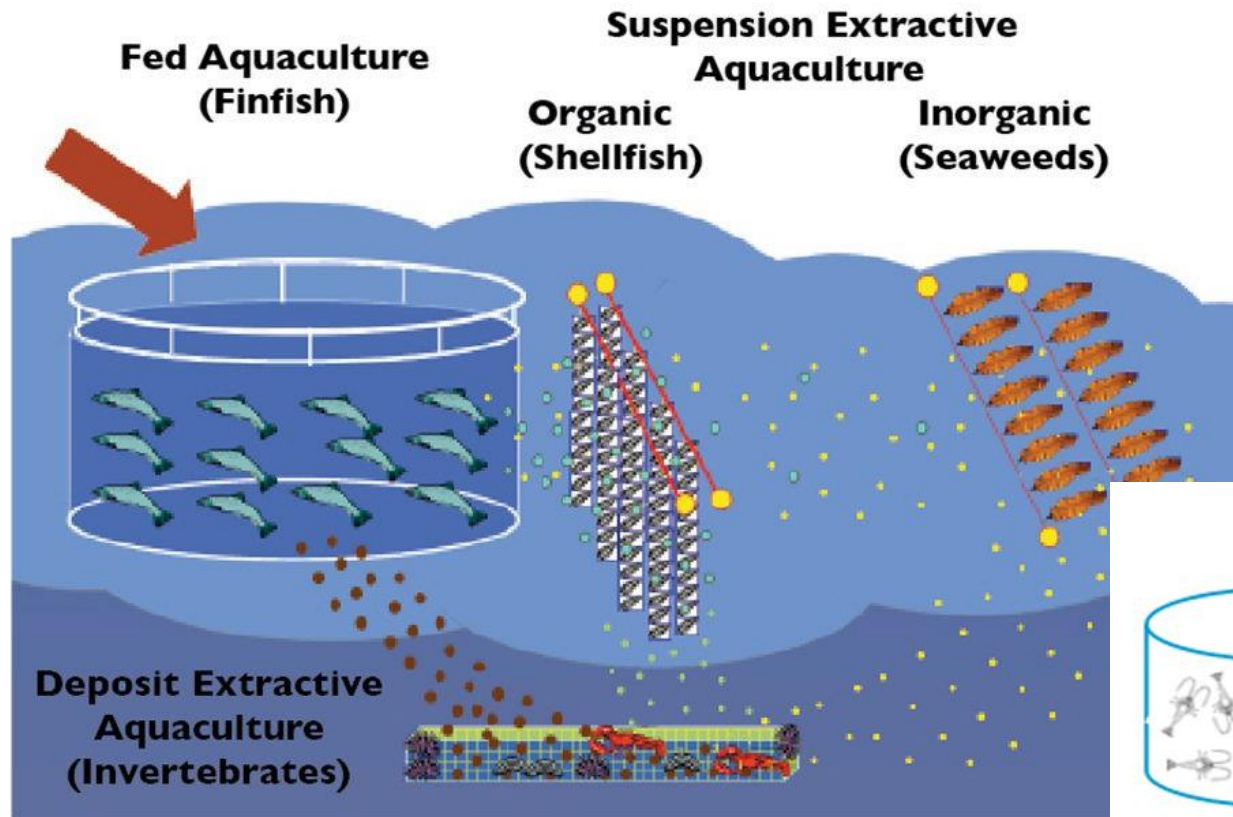
Model 7

Associate Professor
Le Quoc Viet



Kagoshima
Univ.

Professor
Kotani Tomonari



8. Diversifying species and improving seed quality for aquaculture under climate change and saline water intrusion

Model 8

Associate Professor
Pham Thanh Liem



TUMSAT

Associate Professor
Endo Masato



Farming: **commercial feed**

Broodstocks



Hatching



Nursing



9. Developing feed for hi-tech aquaculture of indigenous species

Model 9

**Associate Professor
Lam My Lan**



TUMSAT

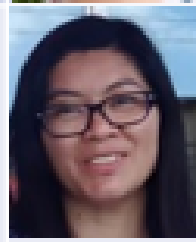
**Professor
Haga Yutaka**



10. Development of coastal erosion monitoring system and impact assessment model

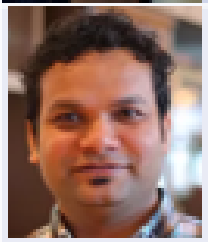
Model 10

**Associate Professor
Huynh Vuong Thu
Minh**



**Hokkaido
Univ.**

**Associate Professor
Ram Avtar**



11. Application of Industry 4.0 to monitor agriculture and aquaculture environment

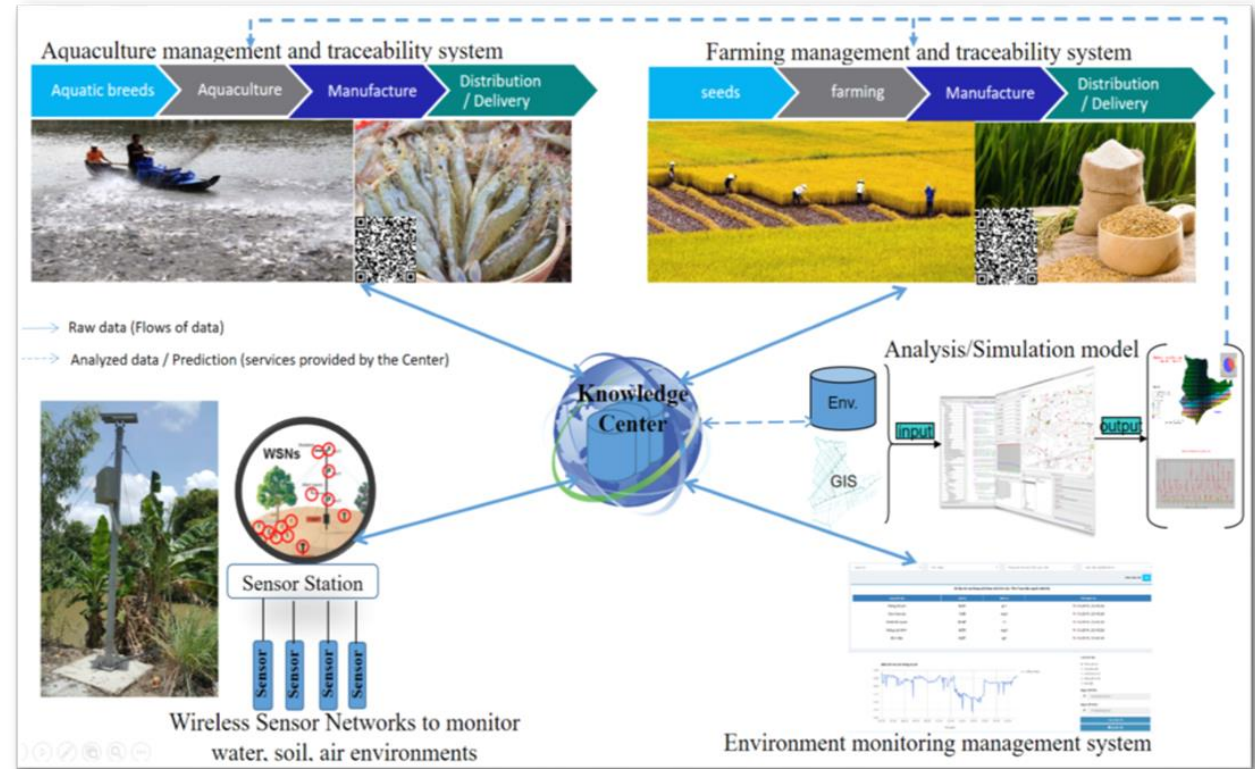
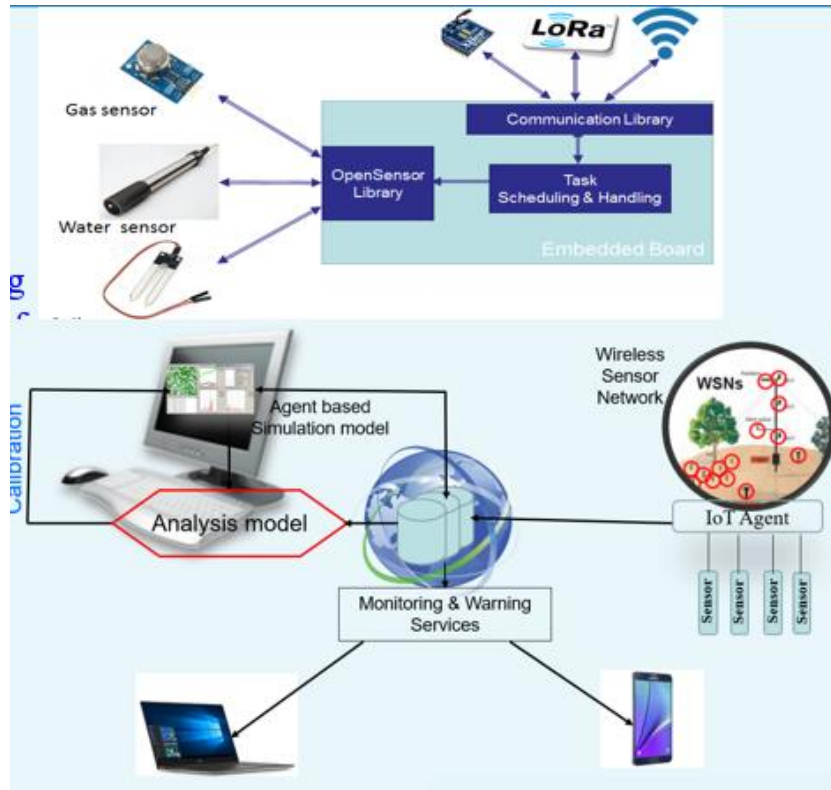
Model 11

Dr. Truong Minh Thai



Kyoto University

Professor Katsura Keisuke



12. Establishment of Center of Data Mining for Mekong Delta Sustainable Development - The Knowledge Hub

Model 12

**Associate Professor
Van Pham Dang Tri**

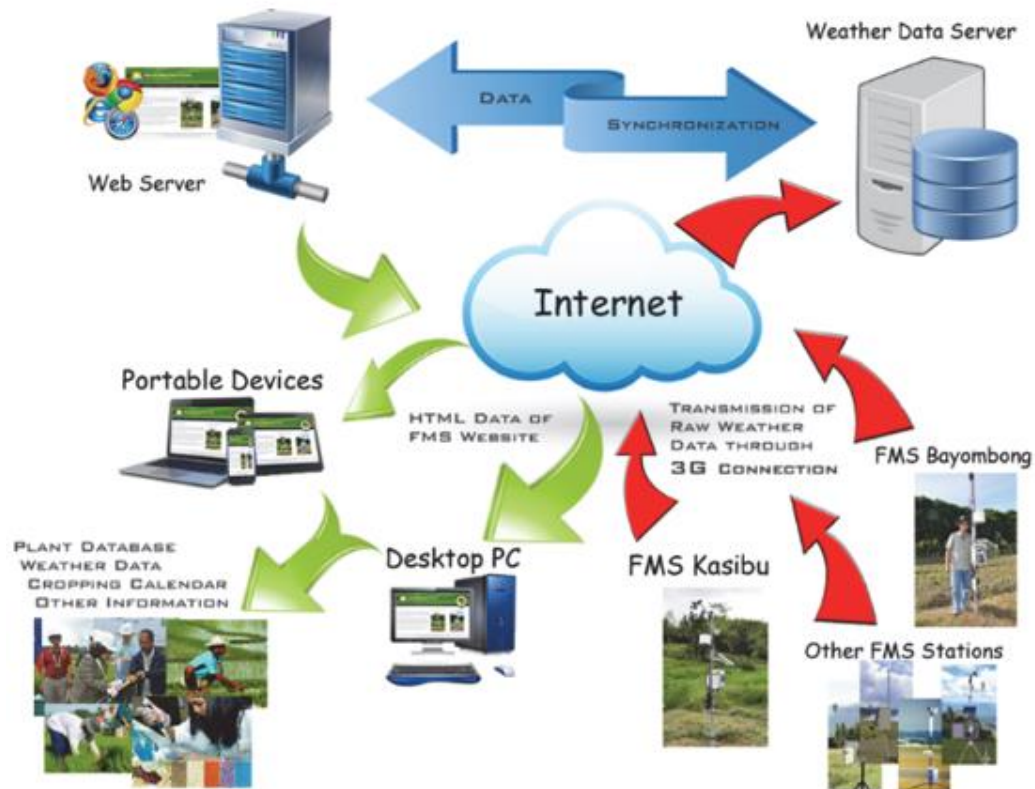


UoT

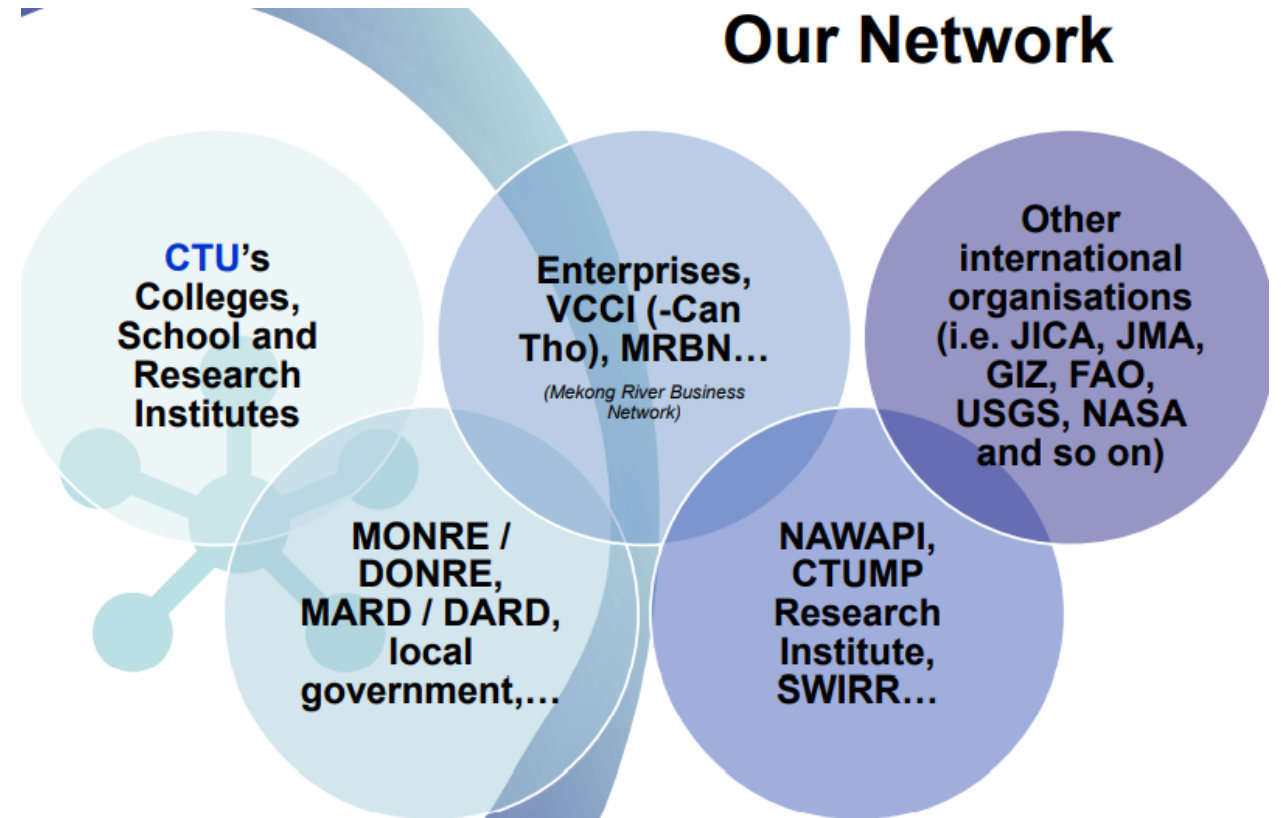
**Professor
Mizoguchi Masaru**



THE FMS DATA TRANSMISSION SCHEMA



Our Network





Output 3: Contribution to SDMD

For the details of SDMD, please check the website of SDMD
<https://sdmd2045.ctu.edu.vn/en/>



**Can Tho University
(Campus 2)
Project Office
Location**

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Tho City, Viet Nam

Project Website:

<https://www.jica.go.jp/oda/project/1902763/index.html>

Email:

jicactutc2project@gmail.com



T/C 2 Project Office

Can Tho University URL: <https://en.ctu.edu.vn/>
SDMD2045 (Vietnamese) URL: <https://sdmd2045.ctu.edu.vn/>
SDMD2045 (English) URL: <https://sdmd2045.ctu.edu.vn/en/>
Facebook: Phát triển bền vững ĐBSCL - SDMD 2045

Thank you for your attention!

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