



SUMMARY REPORT ON WP6 MARE DISSEMINATION AND EXPLOITATION

Vietnam Partners:

- 1. Ho Chi Minh City University of Natural resources and Environment (HCMUNRE)
- 2. Vietnam Maritime University (VMU)
- 3. Can Tho University (CTU)
- 4. Oceanography Institude (VNIO)

Project Period: 15.01.2020 – 14.01.2023

I. Ho Chi Minh City University of Natural resources and Environment (HCMUNRE)

1. Dissemination Activities (February 2020 – November 2020)

1.1. Seminar: DEPLOYING WORK PACKAGE PHASE 2 MEETING

Date: 17-19 September 2020

Coordinator: Ho Chi Minh City University of Natural Resources and Environment and

Can Tho University.

Place: Hall 2, Department of Environment and Natural Resources, Can Tho University

Partners: HCMUNRE, VMU, CTU, MCD, VNIO

Objectives of the meeting:

- Evaluation of the first period performance.
- Reviewing the unrealized content needs to be supplemented for this period
- The process of building an online teaching module. Things to keep in mind when choosing online teaching content
- Developing materials for the online course
- Software for building online courses
- Reporting the detailed course's outlines of the subjects registered
- Discussing course outline content and sharing possibilities
- Agree on the implementation process and time
- Progress monitoring and product implementation
- Determine next steps
- Introduce of relevant facilities of CTU and their main activities

Agenda of seminar: https://marehcm.biendaohcm.com/?p=5896

Summaries:

From September 17 to 19, 2020, at Hall 2, Faculty of Environment and Natural Resources, Can Tho University, Vietnam, there was a seminar "Implementing MARE project, phase 2 – Marine Coastal and Delta Substainability for Southeast Asia -MARE". Mode of seminar included live and online via zoom software. Attendees come from five partnerships from CTU, HCMUNRE, VNIO (live mode), VMU and MCD (online mode) using zoom software.

There were five main topics There are discussed in the seminar as follow:

- Evaluation of the first period performance from each partners
- Development of online courses and course materials
- Introduction of the detailed course's outlines
- Financial and Administrative Issues
- Next activities date and products



Full information about this seminar at: https://marehcm.biendaohcm.com/?p=5951

1.2. Seminar on "Building The network among Vietnamese Partnerships in implementation of ERASMUS + Funded Projects"

Date: 16 October 2020

Coordinator: Ho Chi Minh City University of Natural Resources and Environment

Place: Hall A, Ho Chi Minh City University Of Natural Resources and Environment.

Partners: HCMUNRE, VMU, CTU, VNIO and other 18 Universities in Vietnam: University of Social Sciences and Humanities – VNU HCMC; University of Natural Sciences – VNU HCMC; University of Technology – VNU HCMC; University of Economics and Law – VNU-HCM; Ho Chi Minh City Open University; An Giang University – VNU HCMC; Thai Nguyen University of Technology; University of

Economics, Hue University; Van Lang University; Ho Chi Minh City University of Pedagogy; Thuy Loi university; VNU University of Science – VNU; Thai Nguyen University of Agriculture and Forestry; Institute of Environmental sciences and Technology – Hanoi University of Technology; Hanoi University of Mining and Geology; Hanoi Architectural University; University of Economics Ho Chi Minh City; Ho Chi Minh City University of Transport.

The purpose of the seminar:

- To strengthen the connection between partnerships throughout the country.
- To exchange and share experience, results and effectiveness of the project bring to partnerships and the society as well as through the international communication .
- Building partnership networks for sharing experience and results.

The content of the seminar:

- To exchange and share experience and results of the projects
- The process of Implementation, ability to connect partner countries
- The effectiveness of the project
- Proposing future linkage and cooperation directions



Full information about this seminar at: https://marehcm.biendaohcm.com/?p=5996

1.3. Meeting "the adoption of online teaching course syllabus"

Date: 2 November 2020

Coordinator: Ho Chi Minh City University of Natural Resources and Environment

Place: Hall B, Ho chi Minh City University of Natural Resources and Environment.

Partners: HCMUNRE MARE's staff and Science council members of Marine resources

management Faculty.

On November 2, 2020, the leaders of Marine resources management Faculty, Ho Chi Minh City University of Natural Resources and Environment had the meeting with the

faculty' Science council members on reviewing and updating training programs for BSc. students, major in management of marine resources and environment.



During the meeting, the faculty leaders have discussed with the Science council members seven detailed outlines of updated and new courses in the training program for teaching in the coming years.

- 1- marine ecology (3 credits = 4,5 ECTS)
- 2- Modeling of the marine environment (3 credits = 4.5 ECTS)

New courses expected to be included in the curriculum in the coming years include:

- 3- Marine resources and environment management (3 ECTS)
- 4- Control of marine pollution (3 ECTS)
- 5- Ports and marine structures (3 ECTS)
- 6- River and sea interaction (3 credits = 4,5 ECTS)
- 7- Oceanography of fishing (3 ECTS)

These are also courses that have been proposed by the MARE project to be included in the online / face-to-face curriculum for the 3rd and 4th year students of the Faculty over the next comming years.

Full information about this news: https://marehcm.biendaohcm.com/?p=6018

2. Promotion on MARE

2.1. MARE - HCMUNRE Official Website (February 2020)

Project MARE activities have been built into a sub-website in the domain of the Faculty of Marine and Island Resources Management, under HCMUNRE. This is the agency implementing the MARE project. The MARE website has officially operated since February 2020. All activities related to MARE are posted at the following link: https://marehcm.biendaohcm.com/



2.2. MARE Flyer, poster

Method: HCMUNRE MARE and flyer

Purpose: To promote ERASMUS+ MARE project to the website audience

HO CHI MINH UNIVERSITY OF NATURAL RESOURCES AND ENVIRONMENT



HCMUNRE is under the Ministry of Natural Resources and Environment, over 40 years of construction and development, HCMUNRE has been positioned in the higher education system to train about technology, resource management, clean environment. There are over 8,000 students with 17 training programmes about natural resources and environment.

About facilities system for teaching, learning and scientific research of the HCMUNRE with 7 laboratories, 7 practice rooms and 4 meteorological monitoring stations and the Environment Laboratory (ISO / IEC 17025: 2005 certification), meteorological forecasting practice Room.



PROJECTS FUNDED BY ERASMUS PLUS

SEA-ASIA (2019-2023) - Strategic Environmental Assessment for Capacity Development in Higher Education.

Partners: Aalborg Universitet; Hajee Mohammad Danesh Science and Technology University, Dinajpur; Jahangirnagar University; National University of LAOs; Savannakhet University; ThuyLoi University; Ho Chi Minh University of Natural Resources and Environment, Vietnam; Universidade De Lisboa; Goeteborgs Universitet



SAUNAC (2016-2019)- Sustainability Alliance of Urban Network in Asian Cities

Partners: Turku University of Applied Sciences, Finland; Universitat Politecnica De Valencia, Spain; Hochschule Fuer Angewandte Wissenschaften, Germany; Stichting Hogeschool Utrecht, Netherlands; Manchester Metropolitan University, UK; Danang University of Science and Technology, Vietnam; Vietnam National University; Hue University of Sciences; Haiphong University; Hanoi University of Civil Engineering, Institute of Environmental Science & Engineering, Vietnam; Ho Chi Minh City University of Natural Resources and Environment.

MARE (2019-2023) - MARE - Marine Coastal and Delta Substainability for Southeast Asia.

Website: https://marehcm.biendaohcm.com/

Partners: University of Bremen University –
Germany (UNIHB), University of Catania – Italy;
Estonian University of Life Sciences, Estonia; National
Research Council, Italy; Ho Chi Minh City University
of Natural Resources and Environment; Vietnam
Maritime University; Can Tho University;
Oceanography Institude; Centre for Marinelife
Conservation and Community Development; Universiti
Kuala Lumpur, Malaysia; Universiti Teknologi
Malaysia, Malaysia; Universiti Teknologi
PETRONAS, Malaysia; Universiti Malaysia
Terengganu, Malaysia.

INTENSE (2018-2021) - Integrated Doctoral Program for Environmental Policy, Management and Technology.

Partners: Estonian Life Science University, Estonia; University of Latvia, Latvia; Erda Research Technology Education, the Netherlands; RZ. Research. Management. Communication' Company, Sweden; National University of Mongolia; Khovd University, Mongolia; Odessa State Environmental University, Ukraine; Kharkiv V.N.Karazin National University, Ukraine; Institute for the Carpathians' Ecology of the Ukrainian Academy of Sciences, Ukraine; Hanoi University of Science and Technology, Vietnam; Ho Chi Minh City University of Natural Resources and Environment, Vietnam.

[HCMUNRE]

Poster for celebrating # ERASMUSDAYS 2020

Information have posted at the link https://marehcm.biendaohcm.com/?p=6039



2.3. Opening and Graduation Ceremonies of the Academic Year of 2020 – 2021

Date: 6 November 2020

Coordinator: Ho Chi Minh City University of Natural Resources and Environment

Place: Ben Thanh Hall, Mac Dinh Chi, District 1, Ho Chi Minh City

Attendees: over 2000 participants

On November 6, 2020 at Ben Thanh Hall, Ho Chi Minh City University of Natural Resources and Environment solemnly held the Opening and Graduation Ceremonies of the Academic year of 2020-2021 to more than 1200 freshmen, 700 new bachelors and new engineers.



During the ceremony, Assoc. Prof. Dr. Huynh quyen has introduced the facilities, staff, teachers of the faculties as well as the scholarship programs, joint cooperation in undergraduate and graduate training and international projects. Especially the summer and winter courses for students with good academic records that have been implemented in the international projects like MARE, SEA-ASIA, INTENSE, SAUNAS...

Information about the MARE project and Bachelor of Marine Resources and Environment Management programme were also introduced and explained.

Full information about this event at https://marehcm.biendaohcm.com/?p=6026

II. Vietnam Maritime University (VMU)

Date: 14 May 2020

Coordinator: Vietnam Maritime University (VMU)

Place: Meeting room No. 2.1, A1 building, Vietnam Maritime University Attendees: Deans and lecturers of related VMU's faculties and institutes

The VMU's coordinating board of the MARE project

WP6 MARE Dissemination and Exploitation has been carried out actively by Vietnam Maritime University with 3 steps, as followings:

Step 1: Provide all project members of VMU adequate information of MARE

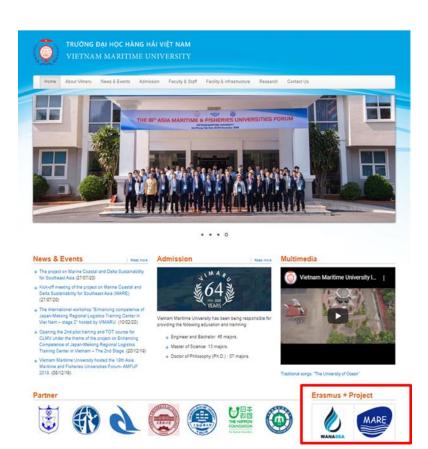
Under the permission of leaders of Vietnam Maritime University, the VMU's coordinating board of the MARE project was created in order to effectively manage and implement activities. Step 1 is regarded as an important part of WP6 implementation for making VMU team understand clearly about schedule, purpose, programs of MARE. When VMU's coordinating board who directly operate project categories to have sufficient and timely information, they can easily and quickly publish and spread MARE project to the community and everyone. In the period when COVID-19 pandemic has happened, members of board tried to contact with each other by mobile phone and on-line meetings. On the basis of exchanged information, members have implemented the WP 6.2 (Development of MARE detailed business plan) with purpose of assigning tasks to each member to keep up the progress of the MARE project.





Step 2: Popularize by official website of VMU

We take advantage of social media to popularize, to spread the MARE project widely and to bring this project closer to everybody, especially students, lecturers and training centers. Vietnam Maritime University has dedicated time and efforts to convey knowledge to learners, with the goal to let the young generation know and understand clearly about the significance of ecosystem and have right behaviors to manage and preserve it.



MARE Project has been placed at the official English website of VMU by:

http://eng.vimaru.edu.vn/



Moreover, in the near future, a new sub-web of the MARE project which directly linked to the official website of VMU will be created. At the present, we are discussing with IT departments to carry out this work. We hope that new subweb of **MARE** project activities with trendy language, vivid images and various structure can attract many people.



KICK-OFF MEETING OF MARE PROJECT

MARE organized a kick-off meeting marked as one of the beginning activities of the Marine Coastal and Delta Sustainability for Southeast Asia (MARE) project. This meeting with involvement of 11 institutional members took place from 18 to 20 February, 2020 in the Center for Multimedia in Higher Education (ZMML), University of Bremen, Germany. The specific objectives of the meeting are as follows

- Introduce the main coordinator and partner institutions
- Introduce responsibilities, work and research areas of partners
- Discuss key contents, timetables, working package, project planning etc.
- Define rules and guidelines for cooperation Issues related to finance and administration
- . Introduce about E-learning, Quality Control Matrix and Training
- . Direction to the next stage



WP 6.1 (Development and maintenance of MARE www portal, social media accounts and promotion plan) has been conducted. Staff in VMU spent time gathering information and online writing news. Imagines, general plan, schedule and activities/ programs directly related to the MARE project was uploaded and updated on the official **English** of website Vietnam Maritime University.

Step 3: Long-term MARE Dissemination and Exploitation

In the long-term, VMU aims to raise awareness of students, to boost teaching and research quality of young lecturers, scientists on coastal management, environmental protection and sustainable development. It takes time and efforts to conduct step 3 effectively. In upcoming time, the VMU's coordinating board will try the best to provide knowledge and information of MARE project for students, learners and staff with a dream of the long-lasting efficiency of the post-project development.

III. Cantho University (CTU)

1. The seminar "Implementing MARE project, phase 2 – Marine Coastal and Delta Substainability for Southeast Asia -MARE"

Date: September 17-19 2020

Coordinator: College of Environment and Natural resources management, Cantho University - and Ho Chi Minh City University of Natural Resources and Environment-HCMUNRE

Place: Cantho University, Campus II -3/2 Street, Ninh Kieu District, Cantho City **Attendees:**

Thi Le Thi Thoa, Tran Thi Kim. **HCMUNRE:** Nguyen Van Ha, Kim Minh Huynh Minh Sang, Bui Hong **VNIO:** Phan Thu, Long. CTU: Le Anh Tuan, Nguyen Hieu Trung, Nguyen Dinh Giang Nam, Lam Van Thinh, Van Pham Dang Tri, Vo Quoc Thanh, Tran Van Ty, Huynh Vuong Thu Minh. VMU: Tran The Nam, Pham Tien Dung, Dao Van Tuan, Tran Duc Phu, Dinh Thi Thuy Hang, Duong Phan Anh, Quan Thi Minh Hien, Hoang Thi Khanh Huyen. MCD: Ho Thi Yen Thu.

• The meeting started with Dr Le Anh Tuan welcomed all of participants - all participants introduced themselves briefly.







• Dr Le Anh Tuan also represented Dragon institute _CTU of introduction of the CTU's role in the Mare project and adoption of meeting agenda (attached of 3 days meeting agenda).



• Final discussion and conclusion: Dr. Thoa was together with Dr. Tuan, Dr. Minh, Dr. Sang and Mr. Thu to developed the text activities for course development as detail below (remark: Dr. Ha will send to all VN participants a template for course online (.doc) before September 25 2020.

Link Seminar: https://cenres.ctu.edu.vn/tin-tuc/545-mare-deploying-work-package-phase-2-september-17-19-2020.html

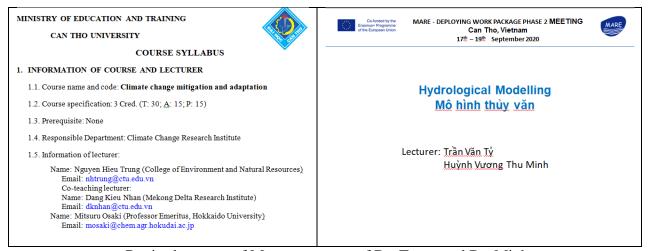
Presentation of CTU group



Dr. Le Anh Tuan presented Fundamentals of climate change and natural disasters - 3 ECTS (Master of Climate change and Delta Management)



Dr. Nguyen Dinh Giang Nam presented the revised course of watershed management - 3 ECTS belong to Master of Climate change and Delta Management, CTU



Revised courses of Master program of Dr. Trung and Dr. Minh

2. CTU participated online the Erasmus day on Oct 16 2020

#Erasmusdays – Seminar on "Building The network among Vietnamese Partnerships in implementation of ERASMUS + Funded Projects"

Date: October 16 2020

Coordinator: Ho Chi Minh City University of Natural Resources and Environment-

HCMUNRE

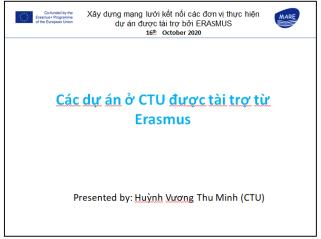
Place: Ho Chi Minh City University of Natural Resources and Environment- HCMUNRE Attendees: CTU: Nguyen Dinh Giang Nam, Lam Van Thinh, Vo Quoc Thanh, Huynh

Vuong Thu Minh.





Presentation of Dr. Huynh Vuong Thu Minh on Erasmus day



CONSEA project: The aim of the Project is to ensure the conservation of biodiversity and the sustainability of the environment surrounding the Mekong River basin through the development

of Master and Doctoral programs (in cooperation between Southeast Asian countries (Cambodia). and Vietnam) and European countries





Vietnamese - European Knowledge and Technology Transfer Education Consortium - VETEC"



3. Introduce of Mare project activity

Date: November 1 -15 2020

Coordinator: Department of Water resources

Place: CENRes, CTU

Attendees: Nguyen Hieu Trung, Vo Quoc Thanh, Huynh Vuong Thu Minh.







Vietnam Project Coordinator Dr. Le Thi Kim Thoa (P5)

Vietnam Project Coordinator

Dr. Le Thi Kim Thoa