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SUMMARY REPORT

on

WP6 MARE Dissemination and Exploitation

Malaysia Partners:

Universiti Teknologi PETRONAS (UTP)


Universiti Kuala Lumpur (UniKL)

Universiti Teknologi Malaysia (UTM)

Universiti Malaysia Terengganu (UMT)

Project Period:

15.01.2020 – 14.01.2023



Universiti Teknologi PETRONAS (UTP)

Dissemination Activities (February 2020 – November 2020)

Topic: Sharing Session on Marine Coastal and Delta Sustainability for Southeast Asia (MARE)

SESSION 1

Date: 6 February 2020

Time: 11.00 a.m. – 12.00 p.m.

Venue: Mechanical Engineering Department Meeting Room, Block 17

Audience: Team members from Mechanical Engineering Department (ME), Petroleum Engineering Department (PE), and Civil and Environmental Engineering Department (CVE)

SESSION 2

Date: 6 February 2020

Time: 4.00 p.m. – 5.00 p.m.

Venue: Lecture Theatre C6

Audience: 138 undergraduate students of B.Eng Petroleum Engineering

SESSION 3

Date: 6 March 2020

Time: 3.00 p.m. – 4.00 p.m.

Venue: Lecture Theatre C7

Audience: 123 undergraduate students of B.Eng Mechanical Engineering (Year 4)

SESSION 4

Date: 5 November 2020

Time: 12.00 p.m. – 2.00 p.m.

Venue: Online Platform (Microsoft Teams)

Audience: 26 undergraduate students of B.Eng Petroleum Engineering (Year 4)



Summary

On 6th of February 2020, during Session 1, Dr. Shaharin has invited new team members from Mechanical Engineering Department (ME), Petroleum Engineering Department (PE), and Civil and Environmental Engineering Department (CVE) to present on the newly awarded international Erasmus project, Marine Coastal and Delta Sustainability for Southeast Asia (MARE). Dr. Shaharin introduced the involved organization partners, background, objectives, duration and expected outcomes of the project. He also shared the information on the potential courses that would be beneficial and related to the theme of MARE.

Dr. Shaharin also explained on the list of tasks to be delegated among the team members including the expected deliverables such as reports and etc. to be completed according to the period given in ensuring a successful execution of the project. The team members have shown their interests in being part of the team and have raised several queries, such as the impact of the project to the delivery of the selected courses and the benefit they would acquire by being part of the project team. Other than enhancing the existing curricular structure of selected courses, the team members may also use this platform to build networks and collaborate with other organization partners in research and publication.

On the same day, during Session 2, dissemination on MARE was also conducted at Lecture Theatre C6 to 138 final year Undergraduate students and a few postgraduates from PE Department. The speaker of the sharing session, Haizatul Hafizah, presented to the audience that UTP has been awarded with an international grant, funded from the European Union (EU). In her presentation, she shared on the project objectives as well as explained the opportunity of activity which the students can join. For instance, students are able to participate in a Summer School programme in which they will be able to experience new cultures and ways of learning from abroad. There are a lot of other benefits they may gain through their experiences by participating the programmes despite the aforementioned.

A following sharing session (Session 3) involving 123 final year mechanical engineering students was conducted by Dr Shaharin on 6th March 2020. He explained on purpose of the project and programme activities that will be organized throughout three years of project. The students have shown interests and raised few queries in relating to the programme activities. There will be more sharing sessions to the respective stakeholders as the project progresses. It is hoped that the dissemination activities would help to promote MARE theme as well as achieving its objectives.



On 5th November 2020, dissemination Session 4 on MARE was conducted via Online Platform, Microsoft Teams. The session was carried out during lecture of Well Stimulation Techniques course. The speaker, Haizatul Hafizah introduced the background of MARE and project objectives, as well as the partner institutions involved in this project. During the sharing session, students were exposed with critical issues related to marine sustainability and its importance during oil and gas operations.



Dr. Shaharin presented the project to new team members from ME and CVE Department in Session 1



Sharing session to 138 final year Undergraduate PE students and postgraduates by Hafizah in Session 2



Sharing session to 138 final year Undergraduate PE students and postgraduates by Hafizah in Session 2





Sharing session to 138 final year Undergraduate PE students and postgraduates by Hafizah in Session 2

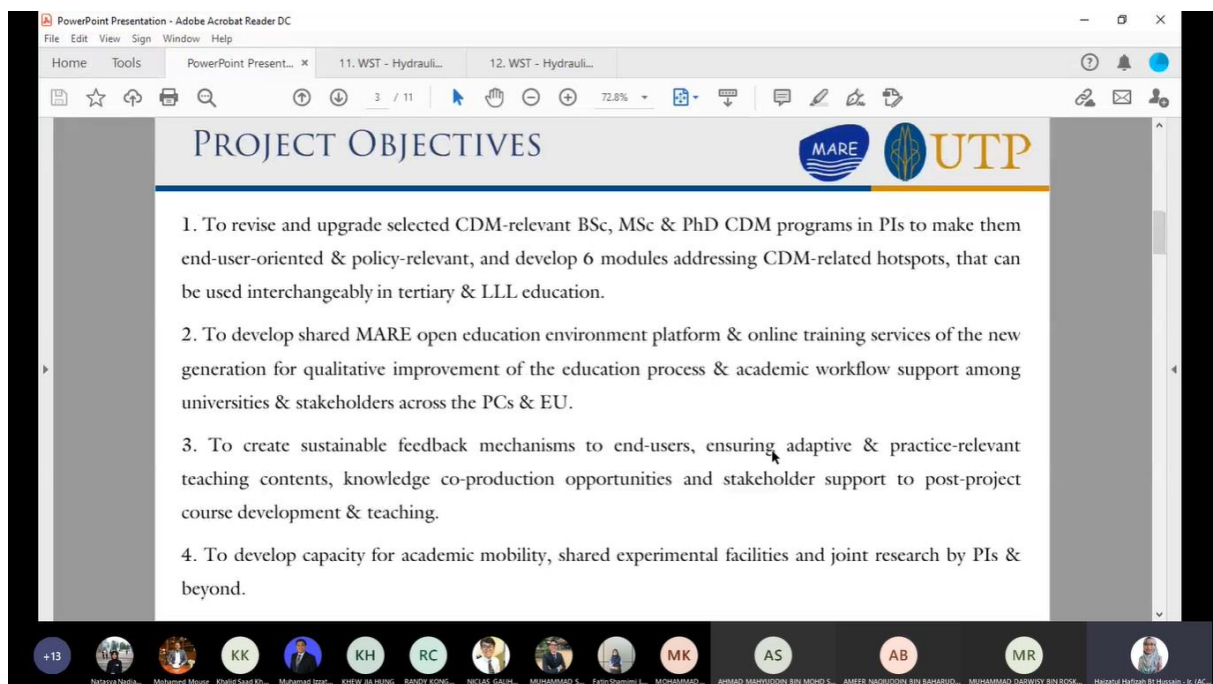


Session 3 involving final year mechanical engineering students by Dr. Shaharin





Session 4 conducted via Microsoft Teams, involving 26 final year Petroleum Engineering students by Haizatul Hafizah



Session 4 conducted via Microsoft Teams, involving 26 final year Petroleum Engineering students by Haizatul Hafizah

Promotion on MARE at UTP Official Website (June 2020)

As part of MARE dissemination activity within UTP fraternity and other website visitors, MARE has been featured in the official website of UTP at ‘The Latest’ section (since June 2020). This section can be found on the right side of the webpage as the following link:

<https://www.utp.edu.my/Pages/The-Latest.aspx?>

THE LATEST

Atma Jaya Catholic University Indonesia and Universiti Teknologi PETRONAS Malaysia Organise Free Webinar on the Sustainability of the Energy Sectors Globally amid
09 June 2020

Congratulations UNIVERSITI TEKNOLOGI PETRONAS **RANKED 124** THE **ASIA UNIVERSITY RANKINGS 2020** Ranked 3rd in Malaysia
Get Connected with UTP
04 June 2020

Virtual Orientation Week (VO'W)
04 June 2020

MPPUTP **COFFEE TALK: SURVIVING VIRTUAL MODE MAY SEMESTER 2020**
SRC organised a Coffee Talk Programme to address students' concerns

Donation for UTP Students on Campus and Frontliners on Duty during Hari Raya Aidilfitri

MARE
Marine Coastal and Delta Sustainability for Southeast Asia (MARE)

Full details on MARE which include project funder, objectives, duration of project, roles of UTP in the project, Kick-Off Meeting, and partner organisations are shared in this section. This can be found at the following link: <https://www.utp.edu.my/Pages/The-Latest-Detail.aspx?news=130>

Universiti Kuala Lumpur (UniKL)

ACTIVITY	Welcoming and Orientation Day for 1 st year Students
ORGANIZER	Universiti Kuala Lumpur Malaysian Institute of Marine Engineering Technology (UniKL MIMET)
VENUE	Main Hall and Lecture Theater UniKL MIMET
DATE	13 th September 2020
ATTENDEES	Approx. 100 pax.

The Welcoming and Orientation Day event hosted by UniKL MIMET was conducted on 13th September 2020. It was attended by approximately 100 new 1st year students. The briefing was conducted by Lecturer and team member, Mrs Azila Ayub. The main contents of the briefing include the introduction of the UniKL campus as well as the introduction to the MARE that UniKL is part of.

Information about the project and Bachelor of Maritime Operation programme that will include the new courses that are being developed were also explained.

The event was made successful through collaboration between the Dean's Office, Marketing Unit (MeSRA) and the Academic Services Section (AcSS).





Universiti Teknologi Malaysia (UTM)

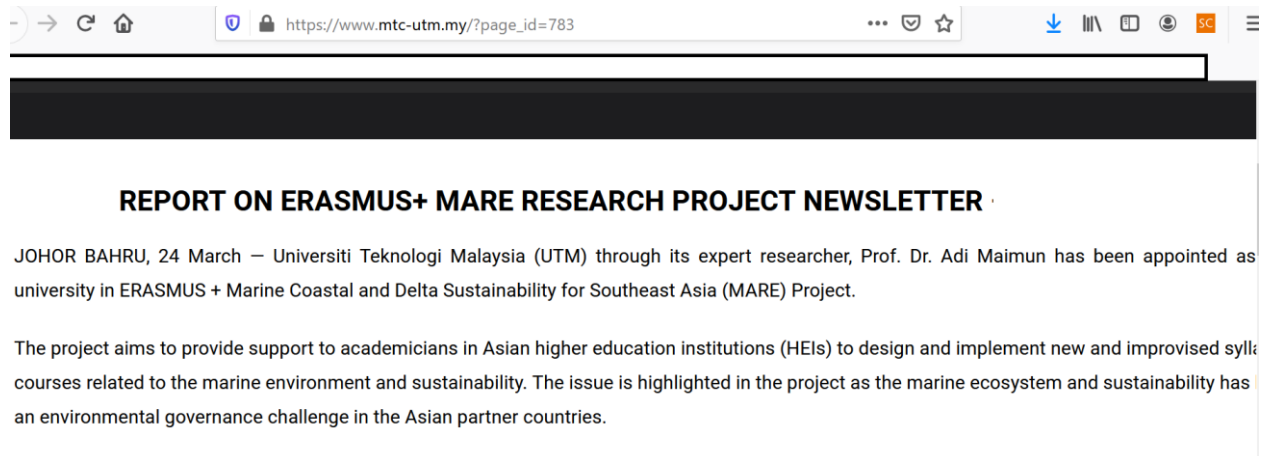
1. MARE Newsletter

Method: Website of Marine Technology Center, UTM (MTC)

Link: https://www.mtc-utm.my/?page_id=783

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

Audience: UTM staffs, MTC clients



2. Members of MARE presented as keynote lecture in International Webinar: World Energy Challenge in COVID19 Pandemics and Unstable Oil Price

Date: 15th May 2020

Method: Zoom Online Platform

Purpose:

- To discuss the potential of marine renewable energy as a solution to the current landscape of oil industry
- To collect the information related with the course development and content revision

Audience: Academicians in Jakarta

ISOMase

Universitas Pembangunan Nasional Veteran Jakarta

International Live Webinar

WORLD ENERGY CHALLENGE
In Covid 19 Pandemics & Unstable Oil Price

Sent Feedback History
Saved Community

KEYNOTE SPEAKER :

Prof. Jaswar Koto
President of Green Aero Aerospace
Engineering Research Institute

Prof. Adi Maimum
Professor in University Technology
Malaysia

Dr. Farah Ellyza binti Hashim
Lecturer in University Technology
Malaysia

MODERATOR :

Noverdo Saputra, ST.M.Eng
Lecturer Faculty of Engineering UPNVJ

FRIDAY, MAY 15 2020
TIME : 14.00 - 16.00 WIB
(INDONESIA TIME)

Via :

zoom

Meeting ID : 990 2712 2240
Password : 005940

REGISTRATION & CERTIFICATE
WhatsApp: 0812 8621 2017

CONTACT PERSON :
- 0812 1473 145 (UPNVJ) (WA)
- 0812 8621 2017 (NICCO) (WA)

Organized by

UPNVETERANJAKARTA @UPNVJAKARTA INFOUPNVJAKARTA UPNVETERANJAKARTA WWW.UPNVJ.AC.ID

3. UTM organized Round Table Discussion among MARE Malaysia Partners in conjunction with #ERASMUSDAYS

Date: 15th October 2020

Method: Microsoft Teams Platform

Purpose: To discuss the dissemination activities including MARE Online Seminar and stakeholder engagement

Audience: Members of MARE Malaysia partners

MARE

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#ERASMUSDAYS

In Conjunction with #ERASMUSDAYS

Round Table Discussion among MARE Malaysia Partners

UTM UNIVERSITI TEKNOLOGI MALAYSIA

UTP UNIVERSITI TEKNOLOGI PETRONAS

UniKL UNIVERSITI KUALA LUMPUR

UMT UNIVERSITI MALAYSIA TERENGGANU

THURSDAY, 15th OCTOBER 2020 | 3.00PM (MALAYSIA) | PLATFORM: MS TEAMS



4. Prof. Adi presented MARE project during Erasmus+ CBHE Projects: A Sharing Marathon organized by UTM International in conjunction with #ERASMUSDAYS

Date: 15th October 2020

Method: Zoom Online Platform

Purpose: To spread the word about any projects that have been launched, as well as to share their experiences and showcase the impact of their work

Audience: UTM staffs

Link: <https://www.utm.my/erasmusplus/2020/10/21/erasmusdays-sharing-session-2020/>

Erasmus+ CBHE projects
A sharing marathon featuring UTM project members

All are invited!!! Date : 15 October 2020 (Thursday)
Time : 11:00 – 13:00 GMT+8 (Malaysia Time)
Platform : Zoom

UTM as Coordinator	UTM as Partner
<p>foodi Assoc Prof Dr Rosmini Omar Azman Hashim International Business School</p> <p>SPIRE Dr Fauzan Khairi Che Harun Faculty of Engineering</p>	<p>atm Prof Dato' Dr Ahmad Nazri Muhamad Ludin UTM Academic Leadership (UTMLead)</p> <p>InMotion Prof Dr Adi Maimun Bin Abdul Malik Faculty of Engineering</p> <p>SHYFTE Assoc Prof Dr Sharifah Kamilah Syed Yusof Faculty of Engineering</p> <p>ICTeEFS Assoc Prof Dr Zaleha Ismail Faculty of Social Sciences and Humanities</p> <p>mysun Prof Ir Dr Mohd Fadhil Bin Md Din Faculty of Engineering</p>

UTM International | <https://www.utm.my/erasmusplus>

5. Invitation of MARE webinar to MARE partners, stakeholder and faculty representative

Method: Email

Purpose: To invite potential speakers and participants of MARE webinar organized by UTM

Audience: MARE partners, stakeholder and faculty representative

MARE

**International Webinar on Marine Environment:
Facilitating Marine Environmental Awareness
through Research and Education**

9th to 10th December 2020 | WEBEX Online Platform

9th December 2020
2.00p.m to 4.00p.m
Opening Speech
Keynote Lectures 1: Introduction to ERASMUS + Project:
MARE - Marine Coastal dan Delta Sustainability for Southeast Asia
Keynote Lectures 2: Marine Environmental Policy in Malaysia
Keynote Lectures 3: Marine Environmental Enforcement
In Malaysia
4.00p.m to 5.00p.m
Online Forum: Environmental Awareness Program in
Higher Education

10th December 2020
9.00a.m to 10.00a.m
Keynote Lectures 4: Implementation of MARE in Vietnam
10.30a.m to 3.30p.m
Paper Presentation: Marine Environmental Research
Project and Academic Activities
3.00p.m
Closing Speech

The work presented will be published in
UTM Edited Book: Science and Technology
for Sustainable Marine Environment

Organized by:

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6. Briefing ERASMUS+ MARE in the current MARE courses

Method: Online Class

Purpose: To inform the students about MARE and the courses involved

Audience: Students registered in the course

**SKAB 4983 WATER QUALITY MANAGEMENT
MKAK 1063 WATER QUALITY MANAGEMENT AND
ASSESSMENT**



Dr Shamila Azman/ AP Dr Mohd Ismid Mohd Said
Dept of Water and Environmental Engineering,
School of Civil Engineering
Universiti Teknologi Malaysia
Tel: 012-7113292, Email: shamila@utm.my



MARE – Marine Coastal and Delta
Sustainability for Southeast Asia

- Class will be conducted in collaboration with MARE
- MARE is an Erasmus+ CBHE project (2020 – 2023) aims to develop adaptive, end-user-oriented and internationally-relevant curricula to support sustainable management and governance of coastal and adjacent marine areas of partner countries Malaysia and Vietnam.
- More information at <https://blogs.uni-bremen.de/mare/>



Universiti Malaysia Terengganu (UMT)

An article on MARE is published by UMT, *Infokus Magazine* in June 2020 edition (pages 10 to 11). In the article, a description on MARE and its aspirations are highlighted, as well as its advantages to the academia and its stakeholders.

The link of the article is : https://www.umt.edu.my/infokus/infokus_jun2020.pdf

10 FOKUS

UMT Raih Tajaan Projek MARE daripada Kesatuan Eropah

oleh:
Dr. Hing Lee Siang
Fakulti Sains dan Sains Marin



Infokus Jun 2020 11



MARE, Kelestarian Pantai dan Delta Laut untuk Asia Tenggara (Marine Coastal and Delta Sustainability for Southeast Asia) merupakan projek yang dibiayai bersama oleh program Erasmus+ Kesatuan Eropah (EU). Terdapat 13 institusi yang mengambil bahagian dalam projek ini dengan Malaysia dan Vietnam masing-masing mempunyai empat

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Dalam tempoh masa selama tiga tahun, iaitu bermula Januari 2020 sehingga Disember 2022, institusi pengajian tinggi perlu memperluaskan hubungkait antara pasaran luarah dan pihak berkepentingan. Ini dilakukan melalui pengensokan kursus semasa yang ditawarkan dengan mengambil kira input pelbagai pihak berkepentingan serta mempertingkatkan penggunaan informasi dan teknologi komunikasi (ICT) terkini. Platform ini bukan sahaja membuka peluang perkongsian pengajaran dan pembelajaran bahkan turut meningkatkan peluang kolaborasi di kalangan ahli akademik, staf sokongan dan pelajar daripada institusi dalam dan luar negara yang terlibat.

Dalam konteks pelajar, selain daripada meneruskan jurusan pengkhususan pengajian masing-masing, projek ini memberikan latihan tambahan kepada pelajar dengan pelbagai kemahiran dan latihan yang digariskan dalam domain CDM untuk membekalkan pelajar mengaplikasikannya di tempat kerja masa hadapan. Tumpuan akan diberikan kepada pelajar dalam bidang kejuruteraan dan sains di peringkat sarjana dan pascasiswazah. Tambahan pula, ahli fakulti akan menerima latihan semula dalam bidang akademik dan penggunaan ICT terkini untuk membantu pengembangan portfolio pengajaran dan penyelidikan mereka. Kakitangan sokongan ICT juga akan menerima peluang pengembangan profesional dan perkembangan ICT terkini (peralatan bilik darjah, e-pembelajaran & pengurusan e-sains) melalui program latihan yang akan dilaksanakan sepanjang tempoh projek.

Projek ini dikoordinasikan oleh University of Bremen dan akan dilaksanakan secara berperingkat sehingga tahun 2022. Bagi UMT, Institut Oseanografi dan Sekitaran (INOS) dan Fakulti Sains dan Sains Marin (FSSM) akan menjadi pusat utama untuk melaksanakan projek kerja yang digariskan semasa Menyuarat Kick-off projek MARE dari 18 hingga 20 Februari 2020 di University of Bremen, Jerman. UMT diwakili oleh Prof. Madya Dr. Mohd Fadzil Mohd Akhir (INOS) dan Dr. Hing Lee Siang (FSSM).

Local Project Coordinator

Dr. Shaharin Anwar Sulaiman