



Marine Coastal and Delta Sustainability for Southeast Asia

MARE aims to promote sustainable governance & management of coastal, delta & marine (CDM) socio-ecological systems in Malaysia & Vietnam and adjacent waters through ICT- enhanced tertiary education linked to labor market & wider stakeholder circles.

The aim will be achieved through the following objectives:

1. To revise and upgrade selected CDM-relevant for BSc, MSc and PhD CDM programs to make them end-user oriented & policy relevant, and develop courses addressing CDM-related that can be used interchangeably in tertiary & long-life learning education.
2. To develop shared MARE open education environment platform & online training services for qualitative improvement of the education process & academic workflow support among universities & stakeholders.
3. To create sustainable feedback mechanisms to end-users, ensuring adaptive & practice-relevant teaching contents, knowledge co-production opportunities and stakeholder support to post-project course development & teaching.
4. To develop capacity for academic mobility, shared experimental facilities and joint research in partner institutions.

Who We Are?

About Us

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

Principle Outcomes

- Updated Curricula with new Syllabi
- New e-Learning Materials based on innovative teaching strategies and creative learning approaches
- Interactive course for Life-Long Learning and eScience module for doctoral students

For further details, please contact:

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*[Erasmus + CBHE Project
(2020-2023)]*

MARE COURSES

MARINE ENVIRONMENT (Bachelor of Engineering (Naval Architecture and Offshore Engineering)) – 2 Credit

This course will cover marine meteorology and oceanography, the interactions between the marine environment and marine vehicles/structures as well as the important issues relating to marine safety, sustainability and environmental impact (Climate Change & Sea Level Rise)

ENVIRONMENT AND RENEWABLE ENERGY (Master of Science (Mechanical Engineering)) – 3 credit

This course will cover the science of marine environment particularly waves and tides and basic fundamentals of oceanography and marine meteorology as well as the environmental issues related to ship and offshore structure. In addition, the main forms of marine renewable energy particularly wind, wave and tidal, focusing on the technology and resource assessment associated with each form will be covered.

VIETNAM



PARTNERS

MALAYSIA



ESTONIA & ITALY



MARE COURSES

ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY (Master of Engineering (Civil), (Environmental Management), (Environmental Engineering)) – 3 Credit

This course will cover the environmental management and concept of sustainability, principles of sustainability development and environmental sensitive areas, catchment management, development of coastal and inland areas.

WATER QUALITY MANAGEMENT AND ASSESSMENT (Master of Engineering (Environmental Management)) – 3 Credit

This course will cover various aspect in water quality for fresh water and marine environment, water pollution and impacts on environment and legislation as well as the assess water quality problems and plan mitigation and control measures for water pollution