Course Related to MARE

- Introduction to Oil & Gas Industry and Sustinable Development (Bachelor of Petroleum Engineering with Honours).
- Fluid Mechanics II (Bachelor of Mechanical Engineering with Honours).
- Ocean and Coastal Engineering (Bachelor of Civil and Environmental Engineering with Honours).
- Coastal Planning and Management (Bachelor of Civil and Environmental Engineering with Honours).
- Pipeline and Risers (Bachelor of Civil and Environmental Engineering with Honours).
- Deepwater Maintenance (MSc in Asset Maintenance and Management).

Contact Us

Funded by the Erasmus+ Programme of the European Union — MARE — UTP UNIVERSITI TEKNOLOGI PETRONAS

Marine Coastal and Delta Sustainability for Southeast Asia

> The integration between mangrove environment and coastal community, socio-economy of the coastal community, mangrove protection using engineering approaches.

Project Background

- An international joint project between institution from Malaysia, Germany, Italy, Vietnam and Estonia, funded from the European Union (EU) funding under the Erasmus+ Capacity Building in Higher Education action.
- 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 labour markets & wider stakeholder circles.

**Project Kick-Off Meeting
18 – 20 February 2020
University of Bremen, Germany**

> *There are a lot of benefits the students may gain through their experiences by participating this programmes.*

**Ir. Haizatul Hafizah
(Lecturer of Petroleum Engineering Dept.)**

Partner Organization

Project Objectives

- To revise and upgrade selected DCM-relevant BSc, MSc & PhD CDM programs in PIs to make them end-user-oriented & policy relevant, and develop 6 modules addressing CDM-related hotspots, that can be used interchangeably in tertiary & LLL education.
- To develop share MARE open education environment platform & online training services of the new generation for qualitative improvement of the education process & academic workflow support among universities & stakeholders across the PCs & EU.
- To create sustainable feedback mechanism to end-users, ensuring adaptive & practice relevant teaching contents, knowledge co-production opportunities and stakeholder support to post-project course development and teaching.
- To develop capacity for academic mobility, shared experimental facilites and joint research by PIs and beyond.
- MARE brings to the PC universities novel tool and methods used by international research communities, and creates the contents reflecting on CDM issues from a variety of contexts.
- In addition to quality curriculum contents, it also creates innovative ICT-based management system for teaching, learning & research training, and builds institutional mechanisms to engage stakeholders with research & education to improve the relevance of educational provision to the society.