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MARE

Marine Coastal and Delta Sustainability
for Southeast Asia

MARE teaching and learning materials

Available from the project management platform

A presentation

MARE consortium has produced a vast amount of teaching and learning materials. This includes lecture notes prepared for each MARE course, new or revised, and a brand new e-book in Vietnamese on coastal management and policies that aims to fill the gap in the subject matter in Vietnamese and to disseminate MARE expertise in an inclusive manner.

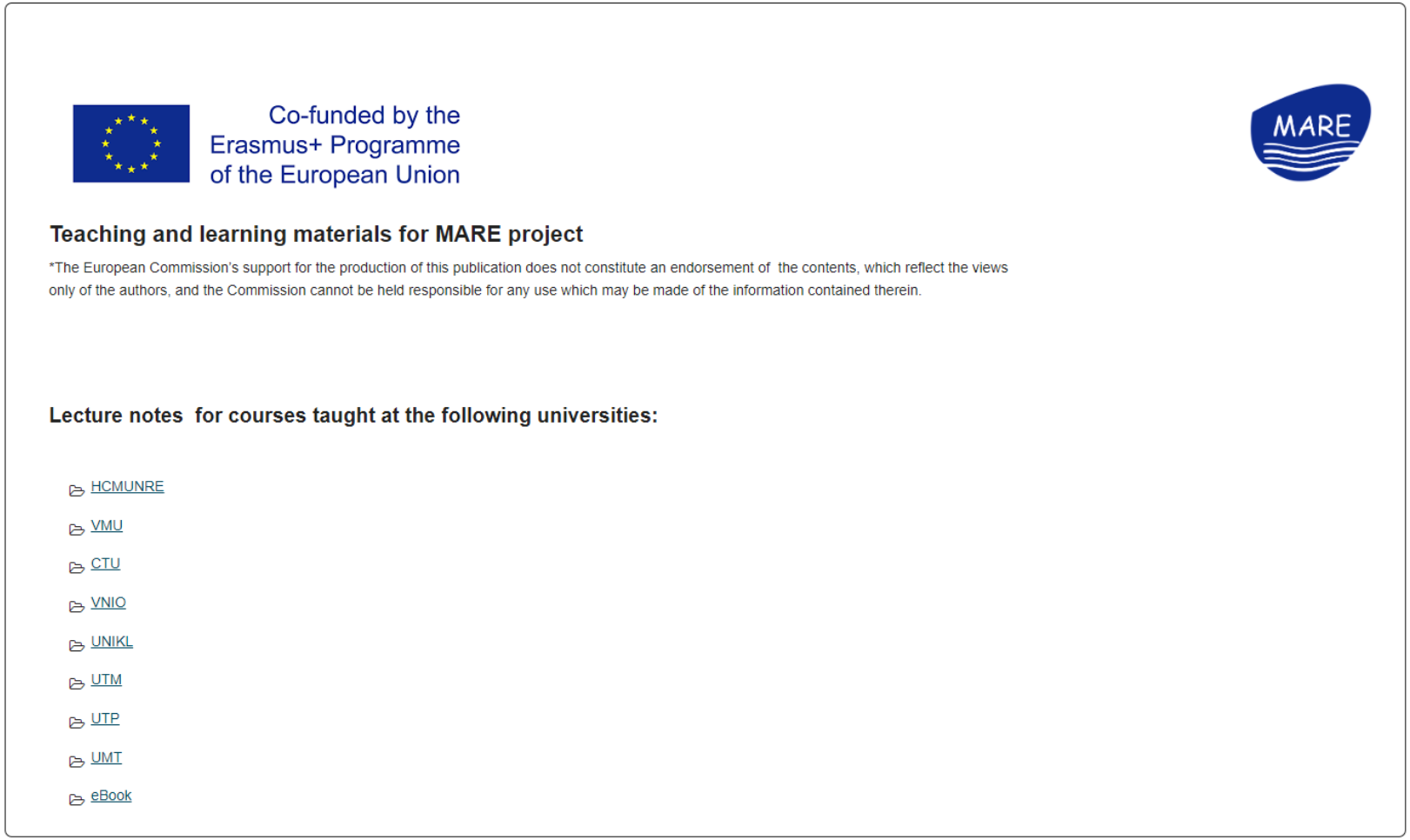
List of the lecture notes:

- Control of marine pollution TLM presentation
- Marine resources and environment management TLM presentation
- Modeling the marine environment TLM presentation,
- Port Introduction & classification TLM presentation
- Sustainability in coastal construction TLM presentation
- Ocean Environmetal management TLM presentation
- Environmental Law and Policy TLM presentation
- Control and Management of marine pollution TLM presentation
- Hydrometeorology TLM presentation
- Fundamentals of climate change and natural disasters TLM presentation
- Watershed management TLM presentation
- Environmental modelling TLM presentation
- Principles of Climate change mitigation and adaptation TLM presentation
- Hydrological Modelling TLM presentation
- River-sea interactions TLM Presentation
- Fisheries Oceanography TLM presentation
- Marine Ecology
- Maritime and Offshore Safety Analysis TLM presentation
- Integrated Marine Pollution and control TLM presentation
- Oceanography TLM presentation,
- Law of the Sea and Ship Operation TLM presentation
- Marine and Coastal Environment TLM presentation,

- Marine Environment and Renewable Energy TLM presentation
- Marine Environment TLM presentation
- Environmental Management and Sustainability TLM presentation
- Water Quality Assesment and Management TLM presentation
- Introduction to Oil & Gas Industry and Sustainable Development TLM presentation
- Physical Geology TLM Presentation
- Ocean and Coastal Engineering TLM Presentation
- Coastal Planning and Management TLM Presentation
- Pipeline and Risers TLM Presentation
- Deepwater Maintenance TLM presentation
- Tropical Oceanography TLM presentation
- Marine Resources Management TLM presentation
- Environment: Issue and Global Perspective TLM presentation

Natural resources and Environment in the Coastal areas of Vietnam (Text book in Vietnamese) eBook presentation

The first page of the TLM section of the MARE project management platform:



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MARE

Teaching and learning materials for MARE project

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Lecture notes for courses taught at the following universities:

- HCMUNRE
- VMU
- CTU
- VNIO
- UNIKL
- UTM
- UTP
- UMT
- eBook

First pages of dedicated pages by partner universities:

TLM > **HCMUNRE**

Ho Chi Minh City University of Natural Resources and Environment

Control of marine pollution – 3 ECTS (Bachelor Marine environment and resource management-HCMUNRE)

Syllabus, Course presentation, TLM presentation, E-learning presentation

- Lecture notes: Control of marine pollution

Marine resources and environment management – 3 ECTS (Bachelor Marine environment and resource management-HCMUNRE)

Syllabus, Course presentation, TLM presentation, E-learning presentation

- Lecture notes: Marine resources and environment management
- Videolectures

Modeling the marine environment 3,5 ECTS (Bachelor of Marine environment and resource management-HCMUNRE)

Syllabus, Course presentation, TLM presentation, E-learning presentation

- Lecture notes: Modeling the marine environment
- Video lectures

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Vietnam Maritime University

Control and management of marine environment – 6 ECTS (Bachelor – Environmental Engineering, VMU).

Syllabus, Course presentation, TLM presentation, E-learning presentation

Control and management of marine environment

Ocean Environmental Management – 4.5 ECTS (Bachelor – Global Maritime Affairs, VMU).

Syllabus, Course presentation, TLM presentation, E-learning presentation

Ocean Environmental Management

Port and Marine constructions – 3 ETCS (Bachelor – Marine environment and resource management, HCMUNRE)

Syllabus, Course presentation, Course summary, TLM presentation, E-learning presentation

Port and Marine constructions

Hydro-meteorology – 3 ETCS (Bachelor -Maritime Safety Engineering & Port and Waterway Engineering. VMU).

Syllabus, Course presentation, TLM presentation, E-learning presentation

Hydro-meteorology

Environmental Law and Policy – 4.5 ECTS (Bachelor – Global Maritime Affairs, VMU).

Syllabus, Course presentation, TLM presentation, E-learning presentation

Environmental Law and Policy

Sustainability in coastal construction – 3 ETCS (Master- Construction project management VMU).

Syllabus, Course presentation, TLM presentation, E-learning presentation

Sustainability in coastal construction

ld responsible for

Can Tho University

Fundamentals of climate change and natural disasters – 3 ECTS (Master of Climate change and Delta Management)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Fundamentals of climate change and natural disasters

Watershed management – 3 ECTS (Master of Climate change and Delta Management)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Watershed management

Environmental modelling – 3 ECTS (Master of Environment and Natural Resources Management)

Syllabus., Course presentation, TLM presentation, E-learning presentation

Environmental modelling

Principles of Climate change mitigation and adaptation – 4.5 ECTS (Master of Climate change and Delta Management)

Syllabus,Course presentation, TLM presentation, E-learning presentation

Principles of Climate change mitigation and adaptation

Hydrological Modelling – 3 ECTS (Master of Engineering)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Hydrological Modelling

Vietnam Institute of Oceanography

River-sea interactions – 4,5 ECTS (Bachelor of Marine environment and resource management-HCMUNRE) provided with HCMURE

Syllabus, Course summary, course presentation, TLM Presentation, E-learning presentation

River-sea interactions

Fisheries Oceanography – 3 ECTS (Bachelor of Marine environment and resource management-HCMUNRE) provided with HCMURE

Syllabus, course summary, course presentation, TLM presentation, E-learning presentation

Fisheries Oceanography

Marine Ecology 4,5 ECTS (Bachelor of Marine environment and resource management-HCMUNRE) provided with HCMURE

Syllabus, course presentation, E-learning-presentation

Marine Ecology

University of Kuala Lumpur

Maritime and Offshore Safety Analysis – 5 ECTS (Bachelor of Maritime Operations)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Maritime and Offshore Safety Analysis

Integrated Marine Pollution and control – *5 ECTS* (Bachelor of Maritime Operations)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Integrated Marine Pollution and control

Oceanography – *5 ECTS* (Bachelor of Maritime Operations)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Oceanography

Law of the Sea and Ship Operation – *5 ECTS* (Bachelor degree)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Law of the Sea and Ship Operation

Marine and Coastal Environment – *5 ECTS* (Master of Maritime Operations and Management)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Marine and Coastal Environment

UTM Universiti Teknologi Malaysia

Marine Environment and Renewable Energy – 4 ECTS (Master of Science (Mechanical Engineering),

Syllabus, Course presentation, TLM presentation, E-learning presentation

Marine Environment and Renewable Energy

Marine Environment – 3 ECTS (Bachelor of Engineering (Naval Architecture and Offshore Engineering)

Syllabus, Course presentation, TLM presentation, E-Learning presentation

Marine Environment

Environmental Management and Sustainability – 4 ECTS (Master of Engineering (Environmental Management))

Syllabus, Course presentation, TLM presentation, E-learning presentation

Environmental Management and Sustainability

Water Quality Assesment and Management – 4 ECTS (Master of Engineering (Environmental Management))

Syllabus, Course presentation, TLM presentation, E-learning presentation

Water Quality Assesment and Management

Universiti Teknologi PETRONAS

Introduction to Oil & Gas Industry and Sustainable Development – 3 ECTS (Bachelor of Petroleum Engineering with Honours)

Syllabus, Course presentation, TLM presentation, E-learning presentation

Introduction to Oil & Gas Industry and Sustainable Development

Physical Geology – 4 ECTS (Bachelor of Mechanical Engineering with Honours)

Syllabus, Course presentation, TLM Presentation; E-learning presentation

Physical Geology

Ocean and Coastal Engineering – 4 ECTS (Bachelor of Civil and Environmental Engineering with Honours)

Syllabus, Course presentation, TLM Presentation, E-learning presentation

Ocean and Coastal Engineering

Coastal Planning and Management – 4 ECTS (Bachelor of Civil and Environmental Engineering with Honours)

Syllabus, Course presentation, TLM Presentation, E-learning presentation

Coastal Planning and Management

Pipeline and Risers – 4 ECTS (Bachelor of Civil and Environmental Engineering with Honours)

Syllabus, Course presentation, TLM Presentation, E-learning presentation

Pipeline and Risers

Deepwater Maintenance – 5 ECTS (MSc in Asset Maintenance and Management)

Syllabus, Course presentation,TLM presentation, E-learning presentation

Deepwater Maintenance

eld responsible for

TLM > UMT

University Malaysia Terengganu-Institute of Oceanography and Environment

Tropical Oceanography – 4 ECTS (Masters of Science (by Research))

Syllabus, Course presentation, TLM presentation, E-learning presentation

Tropical Oceanography

Marine Resources Management – 4 ECTS (Bachelor of Science (Marine Science))

Syllabus, Course presentation, TLM presentation, E-learning presentation

Marine Resources Management

Environment: Issue and Global Perspective – 4 ECTS (Bachelor of Science (Marine Science))

Syllabus, Course presentation, TLM presentation, E-learning presentation

Environment: Issue and Global Perspective

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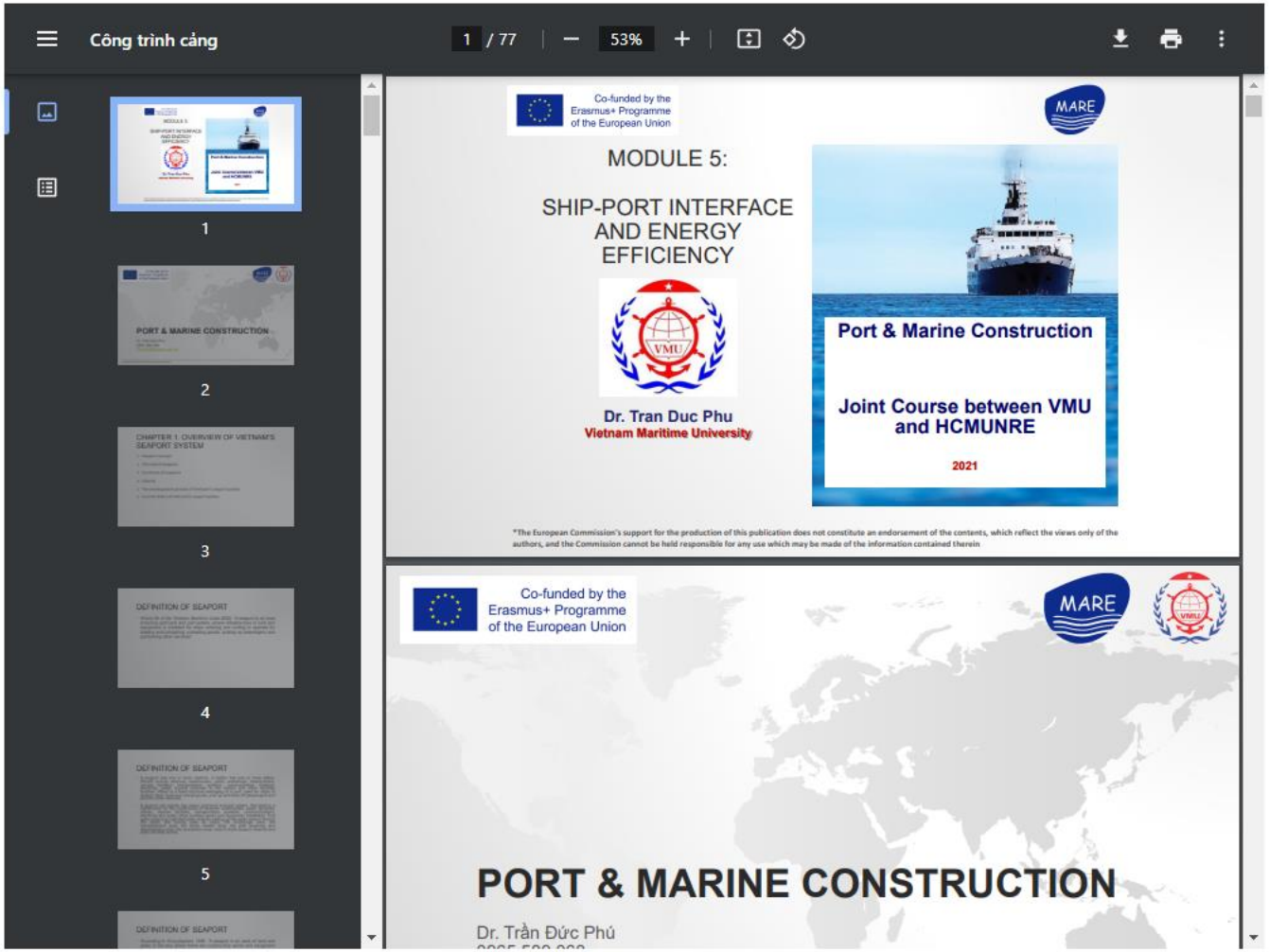
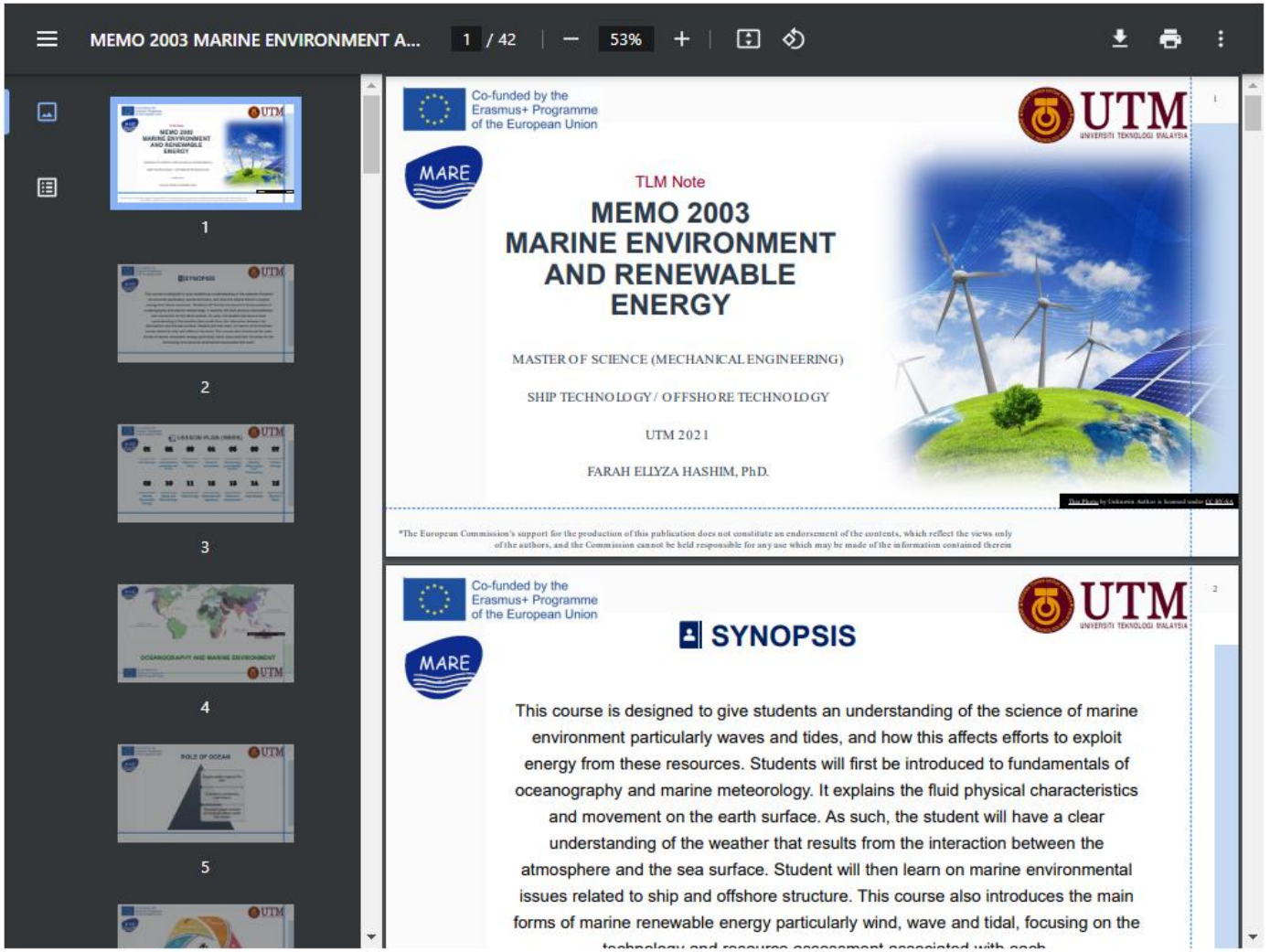
Examples of lecture notes prepared for MARE courses (new and revised):

TLM > HCMUNRE > **Lecture notes: Control of marine pollution**





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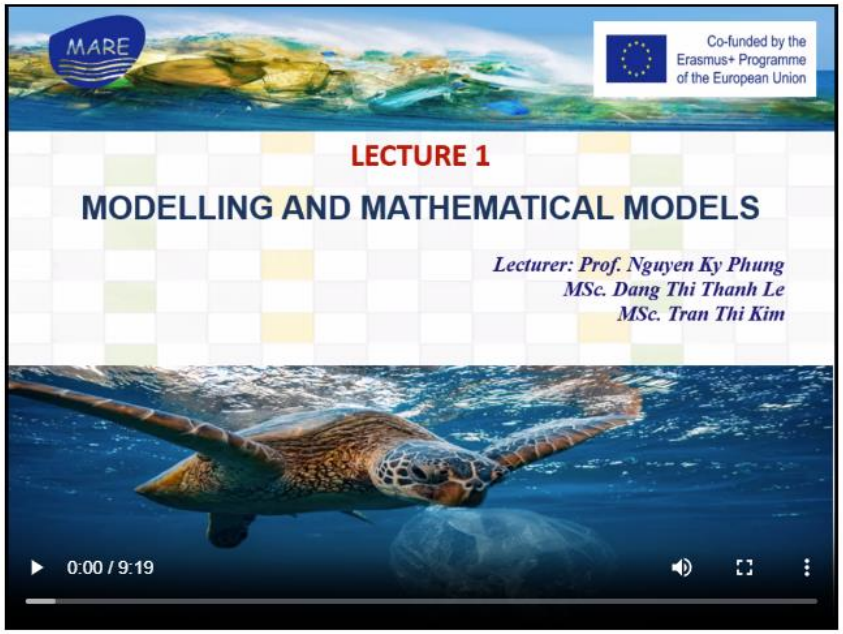

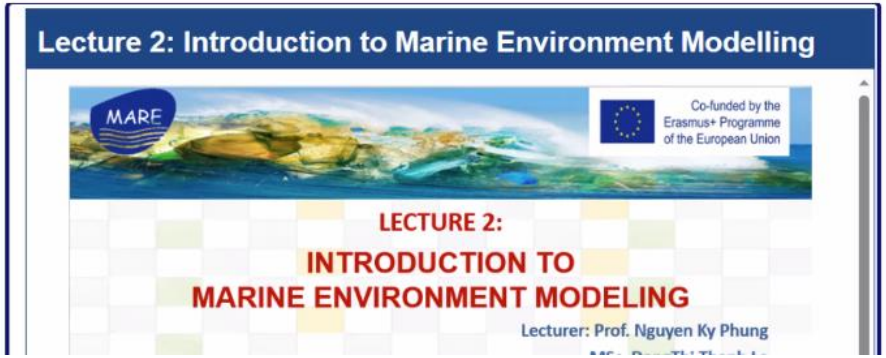

Natural resources and Environment in the Coastal areas of Vietnam (Text book in Vietnamese):