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Marine Coastal and Delta Sustainability for Southeast Asia

SUSTAINABILITY IN COASTAL CONSTRUCTION



Vietnam Maritime University

OVERVIEW



- COURSE NAME : SUSTAINABILITY IN COASTAL CONSTRUCTION
- CODE : MARE-VMU-P6-06
- LEVEL : MASTER'S COURSE
- LANGUAGE: VIETNAMESE AND ENGLISH
- LINK: <http://mare.vimaru.edu.vn/tin-tuc/sustainability-coastal-construction-masters-course-mare-vmu-p6>

COURSE INTRODUCTION

mare.vimaru.edu.vn/tin-tuc/sustainability-coastal-construction-masters-course-mare-vmu-p6

... [Qua tang, Nuooc uo...](#) [Activities - Tập tin -...](#) [Final - UNCLOUD](#) [Exchange rate \(Info...](#) [Distance Calculator...](#) [QHQT - So theo doi...](#)



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Sustainability in coastal construction - Master's course (MARE-VMU-P6)

Credits: 03 ECTS

Lecturers: Tran Duc Phu

Level: **Master**



COURSE OUTLINE

Week	Topic
Week 1	Changes in climate;
Week 2&3&4	Climate change scenarios;
Week 5&6	The impact of Climate change on buildings;
Week 7&8	Climate-Adaptable Buildings;
Week 9	Adaptation Approaches for Buildings;
Week 10	Adaptation Strategies and Resilience;
Week 11	Sustainability in coastal construction.



COURSE SYLLABUS

mare.vimaru.edu.vn/tin-tuc/vmu-syllabi-mare-courses

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VMU - Syllabi for MARE courses

Based on the results of surveys in the first period of MARE project, the VMU's coordinating board had consulted carefully with expertized faculties and institutes to decide which parts need to be revised and adjusted. After that, syllabus of courses has been gradually made and completed to be well-prepared for training. A syllabus consists of clear objectives, targeted group, timetable, desired learning outcomes and learning methods. Furthermore, Vietnam Maritime University and Ho Chi Minh University of Natural Resources and Environment collaborated on creating and developing the learning program with the purpose of enhancing interaction and efficiency among partner institutions in Vietnam. The syllabi for MARE courses are mentioned as the following attached files.

1. Hydro-Meteorology
2. Port and Marine constructions
3. Sustainability in coastal construction
4. Control and management of marine environment
5. Environmental Law and Policy
6. Ocean Environmental Management

Attachment

Size

 vmu-mare-syllabi.rar

1.09 MB






[Contact us](#)



E-LEARNING MATERIALS

Drive của tôi > VMU-MARE-E-learning materials > 6. VMU.06 - Sustainability in coastal construction ▾



Tên ↓	Chủ sở hữu	Sửa đổi lần cuối	Kích cỡ tệp
 VMU.06.4 - Sustainable Construction.ppt	tôi	19 thg 8, 2021 tôi	587 KB
 VMU.06.3 - Sustainable Building Design.ppt	tôi	19 thg 8, 2021 tôi	2,1 MB
 VMU.06.2 - Green Building.ppt	tôi	19 thg 8, 2021 tôi	3 MB
 VMU.06.1 - Environment & Sustainable Development.pptx	tôi	19 thg 8, 2021 tôi	4,6 MB
 desktop.ini	tôi	19 thg 8, 2021 tôi	136 byte

Slides Outline

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- 3
- 4
- 5
- 6



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Environment & Sustainable Development

Sustainability in Coastal Construction

Dr. Trần Đức Phú



1 
Green Building

SUSTAINABILITY IN COASTAL CONSTRUCTION

2 **Green Building**
Green building (sustainable building) refers to a structure and any process that is environmentally responsible and resource-efficient throughout a building's life cycle from concept to design, construction, operation, maintenance, renovation, and demolition.


3 **Objective**
The common objective is that green buildings are designed to reduce the overall impact of the built environment on people, health, and the planet by:
Efficiently using energy, water, and other resources
Protecting occupant health and improving employee productivity
Reducing waste, pollution, and environmental degradation

4 **Sustainability**
Sustainability may be defined as meeting the needs of present generations without compromising the ability of future generations to meet their needs.




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Green Building

SUSTAINABILITY IN COASTAL CONSTRUCTION

Click to add notes





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