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Marine Coastal and Delta Sustainability for Southeast Asia

CONTROL AND MANAGEMENT OF MARINE ENVIRONMENT



Vietnam Maritime University

OVERVIEW



- COURSE NAME: CONTROL AND MANAGEMENT OF MARINE ENVIRONMENT
- CODE: MARE-VMU-P6-02
- LEVEL: BACHELOR'S COURSE
- LANGUAGE: VIETNAMESE AND ENGLISH
- LINK: <http://mare.vimaru.edu.vn/tin-tuc/management-and-control-marine-pollution-bachelors-course-mare-vmu-p6>



COURSE INTRODUCTION

ure | mare.vimaru.edu.vn/tin-tuc/management-and-control-marine-pollution-bachelors-course-mare-vmu-p6



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MARE

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Control and management of marine environment – Bachelor's course (MARE-VMU-06)

View

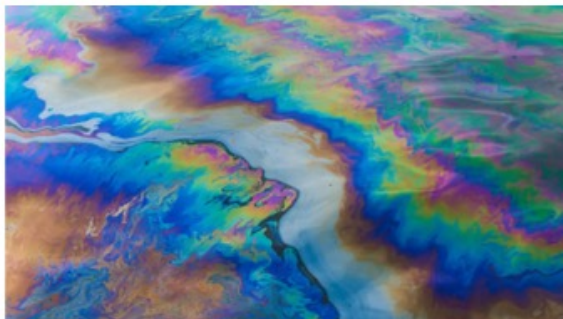
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Credits: **6 ECTS**

Lecturers: **NGO KIM DINH, DINH THI THUY HANG**

Level: **Bachelor**



COURSE OUTLINE

Chapter	Topics
Chapter 1	Marine environmental pollution
Chapter 2	Laws and policies of marine environment protection (<i>revised</i>)
Chapter 3	Petroleum and its products
Chapter 4	Control and treatment of oil spill incidents at sea in Vietnam
Chapter 5	Responding to oil spill at sea
Chapter 6	Shore cleanup and environmental restoration, treatment of recovered oil and oily materials
Chapter 7	Compensation for marine resources and environment loss after incidents



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











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E-LEARNING MATERIALS

Drive của tôi > VMU-MARE-E-learning materials > 2. VMU-Management and Control of marine pollution ▾



Tên ↓	Chủ sở hữu	Sửa đổi lần cuối	Kích cỡ tệp
 Overview of Management and Control of marine pollutio...	tôi	14 thg 4, 2020 tôi	82 KB
 Lesson 7. Management and Control of marine pollution....	tôi	5 thg 5, 2020 tôi	480 KB
 Lesson 6. Management and Control of marine pollution....	tôi	14 thg 4, 2020 tôi	1,1 MB
 Lesson 5. Management and Control of marine pollution....	tôi	2 thg 5, 2020 tôi	9,5 MB
 Lesson 4. Management and Control of marine pollution....	tôi	14 thg 4, 2020 tôi	115 KB
 Lesson 3. Management and Control of marine pollution....	tôi	14 thg 4, 2020 tôi	1,4 MB
 Lesson 2. Management and Control of marine pollution....	tôi	14 thg 4, 2020 tôi	169 KB
 Lesson 1. Management and Control of marine pollution....	tôi	20 thg 9, 2020 tôi	852 KB
 2. VMU-Control and Management of marine pollution.pptx	tôi	9 thg 12, 2021 tôi	7,6 MB
 2. Management and Control of marine pollution.docx	tôi	7 thg 3, 2022 tôi	525 KB

Slides Outline

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MANAGEMENT AND CONTROL OF MARINE POLLUTION

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2

CHAPTER 1. POLICIES OF THE MARINE ENVIRONMENT

1.1. Pollution/Discharge measures

1.1.1. The concept of marine pollution

1.1.2. Sources of marine pollution

1.1.3. Sources of oil pollution and oil pollution

3

1.2. Marine pollution due to oil spill

1.2.1. Management of oil spill at sea and on shore

1.2.2. Current status of management and response of oil spill at sea and on shore

1.2.3. Management and response of oil spill at sea and on shore

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CHAPTER 2. LAWS AND POLICIES ON MARINE ENVIRONMENTAL PROTECTION

2.1. International Conventions on the Protection of the Marine Environment

2.1.1. United Nations Convention on the Law of the Sea (UNCLOS)

2.1.2. International Convention for the Protection of the Marine Environment (UNCLOS)

2.1.3. London Dumping Convention, 1972 and Protocol 1996

2.1.4. The International Convention for the Control of Harmful Substances (HSC)

2.1.5. International Convention on Civil Liability for Oil Pollution Damage (CLC)

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2.1.6. Protocol of 1992 to amend the International Convention on the Establishment of an International Fund for Compensation for Oil Pollution Damage, 1992 (IOPC Fund 1992)

2.1.7. International Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Noxious Substances by Sea, 1996

2.1.8. Convention, International Convention on Oil Pollution (OPI)

2.1.9. Basel Convention, 1989

2.1.10. International Convention on Port State Control in the Asia-Pacific Region, 1991 (COPAC, 1991)

2.1.11. International Convention on the Control of Harmful Substances (HSC)

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MANAGEMENT AND CONTROL OF MARINE POLLUTION

Lecturers: NGO KIM DINH, DINH THI THUY HANG

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Slides Outline

5 2.1.6. Protocol of 1992 to amend the international convention on the establishment of an international fund for compensation for oil pollution damage, 1971 (IOPC Fund 1992)
2.1.7. International Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Nuisance Substances by Sea, 1990.
2.1.8. Convention, International Convention on Oil Pollution Preparedness, Response and Co-operation 1990 (IOPC 90)
2.1.9. Risk Convention 1990
2.1.10. Recommendations of International Conference on Port State Control in the Asia-Pacific Region 1990 (ISPCAP 1990, 1992)
2.1.11. Other international regulations on marine environmental protection

6 2.2. International law on marine environment protection
2.2.1. Law on Non-nuclear Civil Protection, 2005 and 2007
2.2.2. Vietnam Maritime Code, 2005
2.2.3. Fisheries Law
2.2.4. Other legal documents

7 CHAPTER 3. PETROLEUM AND PETROLEUM PRODUCTS
3.1. Origin of petroleum and gas
3.2. Chemical composition of petroleum
3.3. Classification of oil and gas
3.4. Petroleum products and applications
3.5. Physical characteristics of petroleum fractions

8 3.6. The change of oil in the sea
3.7. Oil spill damages to seas and oceans
3.8. Consequences of an oil spill at sea
3.9. Some typical oil spills at sea

9 CHAPTER 4. CONTROL AND HANDLING OF OIL SPILLS AND CHEMICAL SPILLS AT SEA OFF VIETNAM
4.1. Legislation
4.1.1. Regulation of specialized law
4.1.2. SOAPS, 1978 Convention
4.1.3. Decisions of Vietnamese government
4.2. Model of national oil spill response organization
4.2.1. Contents of National Plan to Respond to Oil Spills at Sea

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