



Marine Coastal and Delta Sustainability for Southeast Asia

610327-EPP-1-2019-1-DE-EPPKA2-CBHE-JP



COURSE PRESENTATION

CLIMATE CHANGE MITIGATION AND ADAPTATION

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OVERVIEW



- This is for course **CLIMATE CHANGE MITIGATION AND ADAPTATION**
- Site URL: <https://elearning.ctu.edu.vn/course/view.php?id=2448>
- Language: Vietnamese + English
- Modules:
 - CLIMATE CHANGE MITIGATION AND ADAPTATION
 - VULNERABLE, RESILIENCE, AND COPING STRATEGY
 - GRID ECO-SYSTEM EVALUATION AND MANAGEMENT
 - GOVERNANCE AND SOCIAL SYSTEM
 - PROJECT DESIGN FOR FUTURE SOCIETY





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Chỉnh sửa ▾

Lecturer: Assoc. Prof. Nguyen Hieu Trung

Email: nhtrung@ctu.edu.vn

- Course summary Chỉnh sửa ▾
- Syllabus - Climate change mitigation and adaptation Chỉnh sửa ▾
- Chương 01: Biến đổi khí hậu | Chapter 01: Climate change Chỉnh sửa ▾
- Chương 02: Tác động của biến đổi khí hậu | Chapter 02: The impact of climate change Chỉnh sửa ▾
- Chương 03: Thích ứng đối với biến đổi khí hậu | Chapter 03: Adapting to changing climate Chỉnh sửa ▾
- Link khảo sát khi kết thúc khóa học Chỉnh sửa ▾

Course summary

This course aims to provide students with knowledge and information on of climate change mitigation and adaptation concepts and practices. The course will focus on main contains:

- Understanding climate change, it causes and impacts (concepts such as adaptation and mitigation, causes and risks) and implications for food security, agriculture, aquaculture and natural resource management;
- Concepts and assessment of vulnerability, resilience, coping strategies and sustainable development processes;
- Informatics throughout grid eco-system evaluation and management
- Social system innovation to climate change; and
- Practice on design sustainable society

Target student audiences

- Master in Climate Change & Delta Management

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CLIMATE CHANGE MITIGATION AND ADAPTATION (4.5 ECTS)

Fall semester, 2021-2022

Coordinator	College of Environment and Natural Resources
Credits	4.5 ECTS
Lecturers	Nguyen Hieu Trung
Level	Master
Host institution	Can Tho University
Course duration	45 hours

Summary

This course aims to provide students with knowledge and information on of climate change mitigation and adaptation concepts and practices. The course will focus on main contains:

- Understanding climate change, it causes and impacts (concepts such as adaptation and mitigation, causes and risks) and implications for food security, agriculture, aquaculture and natural resource management;
- Concepts and assessment of vulnerability, resilience, coping strategies and sustainable development processes;
- Informatics throughout grid eco-system evaluation and management
- Social system innovation to climate change; and
- Practice on design sustainable society

Target student audiences

Master in Climate Change & Delta Management

Prerequisites

Required courses (or equivalents): NO

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[Chỉnh sửa](#) ▾

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Chapter 1

- Climate change
 - Nguyên nhân
 - Các tác động
- Responses
 - Mitigation
 - Adaptation
 - Resilience

Chapter 2

Contents

- Biến đổi khí hậu (Climate change)
 - Nguyên nhân
 - Các tác động
- Ứng phó (Responses)
 - Giảm nhẹ (Mitigation)
 - Thích ứng (Adaptation)
 - Khả năng chống chịu/phục hồi (Resilience)

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



















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Chỉnh sửa 

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Email: nhtrung@ctu.edu.vn

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End of Course Survey(MARE Courses)

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* **Biểu thị câu hỏi bắt buộc**

Email *

Email của bạn

Program *

- Bachelor of Engineering
- Master of Science
- Master of Engineering

Attended MARE Course

- Fundamentals of climate change and natural disaster

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LESSON PLAN



Course outline

Week	Topics
Week 1&2	Topic 1: CLIMATE CHANGE MITIGATION AND ADAPTATION
Week 3&4	Topic 2: VULNERABLE, RESILIENCE, AND COPING STRATEGY
Week 5&6	Topic 3: GRID ECO-SYSTEM EVALUATION AND MANAGEMENT
Week 7&8	Topic 4: GOVERNANCE AND SOCIAL SYSTEM
Week 9-11	Topic 5: PROJECT DESIGN FOR FUTURE SOCIETY
Week 12-13	Exercise
Week 14-15	Practice

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Climate and Weather

Khí hậu bao gồm các yếu tố nhiệt độ, độ ẩm, lượng mưa, áp suất khí quyển, các hiện tượng xảy ra trong khí quyển và nhiều yếu tố khí tượng khác trong khoảng thời gian dài ở một vùng, miền xác định.

The greenhouse effect is a process by which solar radiation enters the Earth's atmosphere from the sun, and is absorbed by the ground, water and air. The ground, water and air then re-radiate this energy back towards the Earth, warming the surface.

Source: wikipedia

Principles of adaptation and mitigation of impacts of climate change

Assoc. Prof. Nguyen Hieu Trung

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Chapter 2

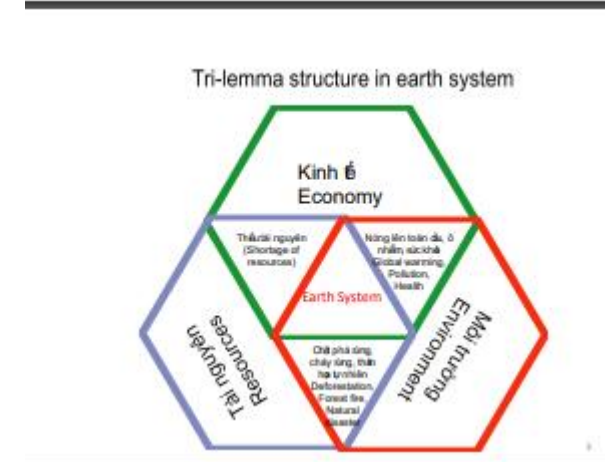
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 - Thích ứng (Adaptation)
 - Khả năng chống chịu/phục hồi (Resilience)

Contents

Chapter 3

- Biến đổi khí hậu (Climate change)
 - Nguyên nhân
 - Các tác động
- Ứng phó(Responses)
 - Giảm thiểu(Mitigation)
 - Thích ứng (Adaptation)
 - Khả năng chống chịu/phục hồi (Resilience)





Survey

Result



End of Course Survey(MARE Courses)

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* Biểu thị câu hỏi bắt buộc

Email *

Email của bạn

Program *

- Bachelor of Engineering
- Master of Science
- Master of Engineering

<https://wrd.ctu.edu.vn/projects/mare-project/end-of-course-survey-mare-courses.htm>

End of Course Survey(MARE Courses)

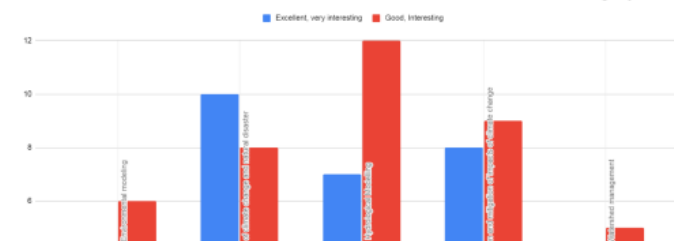
1. Program

Attended MARE Course	Program	COUNTA of Program
		0
Total		0
Environmental modeling	Bachelor of Engineering	1
Environmental modeling Total		
Fundamentals of climate change and natural disaster	Ma	
	En	
	Ma	
Fundamentals of climate change and natural disaster Total		
Hydrological Modelling	Ba	
	En	
	Ma	
Grand Total		

3. Your overall assessment of the attended courses. Was the course was attractive and exciting to you?

Your overall assessment of the attended courses. Was the course was attractive and exciting to you?	Environmental modeling	Fundamentals of climate change and natural disaster	Hydrological Modelling	Principles of adaptation and mitigation of impacts of climate change	Watershed management	Grand Total
Excellent, very interesting	0	3	10	7	8	2
Good, Interesting	0	6	8	12	9	5
Grand Total	0	9	18	19	17	70

Your overall assessment of the attended courses. Was the course was attractive and exciting to you?



<https://wrd.ctu.edu.vn/images/mare-project/feedback-survey/End of Course Survey final.pdf>

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List participant of course



<input type="checkbox"/>	Tên đệm và tên / Họ	Tên đăng nhập	Địa chỉ thư điện tử	Mã số ID	Vai trò	Nhóm	Ngày cuối vào khóa học	Trạng thái
<input type="checkbox"/>	Tram Che Thi Bich	m2923004	tramM2923004@gstudent.ctu.edu.vn	M2923004	Sinh viên	Không phân nhóm	49 Các ngày 23 giờ	Đang hoạt động ⓘ ⚙ ✕
<input type="checkbox"/>	Nhat Giap Minh	m2923003	nhatM2923003@gstudent.ctu.edu.vn	M2923003	Sinh viên	Không phân nhóm	49 Các ngày 21 giờ	Đang hoạt động ⓘ ⚙ ✕
<input type="checkbox"/>	Quang Le Nhat	b2108508	quangB2108508@student.ctu.edu.vn	B2108508	Sinh viên	Không phân nhóm	15 Các ngày 6 giờ	Đang hoạt động ⓘ ⚙ ✕
<input type="checkbox"/>	Linh Ngo My	m2923002	linhM2923002@gstudent.ctu.edu.vn	M2923002	Sinh viên	Không phân nhóm	50 Các ngày	Đang hoạt động ⓘ ⚙ ✕
<input type="checkbox"/>	Tuyen Nguyen Thi Mong	m2923005	tuyenM2923005@gstudent.ctu.edu.vn	M2923005	Sinh viên	Không phân nhóm	48 Các ngày 20 giờ	Đang hoạt động ⓘ ⚙ ✕
<input type="checkbox"/>	Văn Nhiều Phan	002473	pvnhieus@ctu.edu.vn	002473	Giảng viên, Giảng viên	Không phân nhóm	9 giây	Đang hoạt động ⓘ ⚙ ✕
<input type="checkbox"/>	Chau Truong Thi Ngoc	m2923001	chauM2923001@gstudent.ctu.edu.vn	M2923001	Sinh viên	Không phân nhóm	49 Các ngày 23 giờ	Đang hoạt động ⓘ ⚙ ✕

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THANK YOU

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