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ASSESSMENT OF ONLINE COURSE SYLLABUS IN THE MARE PROJECT



Ho Chi Minh City, November 26, 2020

MINUTES OF MEETING

Re: Comments from the Scientific Council on the outlines of online courses to be taught on the e-learning system under the framework of the MARE Project

The Scientific Council members of the Faculty of Marine Resources Management have met to discuss and given comments on the content of the detailed outline of the courses that are expected to be taught on the e-learning system under the framework of the MARE Project.

Time: 10:00 – 12:00

Location: Room B, University of Natural Resources and Environment of Ho Chi Minh City

I. Participants:

1. The Scientific Council members:

No.	Full name	Organisation	Position
1	Prof. Dr. Nguyen Ky Phung	Department of Science and Technology Ho Chi Minh City	Chairman
2	Dr. Le Thi Kim Thoa,	Ho Chi Minh City University of Natural Resources and Environment	Vice chairman
3	Assoc.Prof.Dr. Le Quang Toai	Institute of Meteorology, Hydrology, Hydrology and Environment	Member
4	Assoc.Prof.Dr. Nguyen Thi Bay	Ho Chi Minh University of Science and Technology	Member
5	Dr. Bao Thanh	University of Natural Resources and Environment Ho Chi Minh City	Member
6	Dr. Nguyen Van Tu	Institute of Tropical Biology	Member
7	Dr. Dinh Ngoc Huy	Ho Chi Minh City University of Natural Resources and Environment	Member Secretary

2. Related parties:

- Lecturers of the Faculty of Marine Resources Management

II. Content

1. Report on the approval of the outlines of online courses to be taught on the e-learning system under the framework of MARE Project

On behalf of the MARE Project and deputy head of the Faculty of Marine Resources Management, Dr. Le Thi Kim Thoa presented the reason for inviting members of the scientific council to attend the consultation session for 07 detailed course outlines. These 7 outlines are expected to be taught on the e-learning system under the MARE Project as follows:

- Modelling the marine environment - 4,5 ECTS – revised course
- Fisheries and Oceanography - 3 ECTS – New course
- Management of marine resources and environment - 3 ECTS – New course
- Port and marine construction - 3 ECTS – New course
- Marine ecology - 4,5 ECTS – revised course
- Control of marine pollution - 3 ECTS – New course
- River and sea interaction - 4,5 ECTS – New course

2. Opinions of Council members:

After Dr. Thoa presented the detailed outlines of 7 courses, the Scientific Council members discussed and commented on the outlines, learning outcomes of online courses. It is important to note that the outlines must comply with the regulations of the Ministry of Education and Training. All members of the Scientific Council basically agreed on the teaching content as well as the learning outcomes developed by the lecturers in these 7 courses. However, it is necessary to adjust some contents in the detailed outline of the course to suit the curriculum, specifically:

- Prof. Dr. Nguyen Ky Phung:

About the outline of the course river sea Interaction: This is a difficult course, related to oceanography, hydrology, marine dynamics and estuaries, so students must be taught all the prerequisite courses so that students would well absorb the knowledge in this course. The number of credits and the ratio between theory and practice are guaranteed for the Course learning outcome.

Regarding the outline of Modelling subject, there are some minor corrections as follows: Section 2.2 "Some approximations in marine and ocean studies" in chapter 2 (Flow and tidal dynamics) should be moved in chapter 4. Since we are talking about calculation methods and approximations in chapter 4, it makes more sense to say "Some approximations in marine and oceanic studies".

- Assoc.Prof.Dr. Nguyen Thi Bay:

About the outline of Modelling marine environment course: In Chapter 4, the section on calculation methods, it is recommended to introduce more calculation methods such as: finite volume, finite element ... then present the finite difference method; In chapter 5 "Introduction to models in simulating sea and ocean processes", it is recommended to introduce an overview of some simulation models of sea and ocean processes such as: Mike, Swan... and then the section " Some simulation applications of substance propagation in

marine and ocean environments”; Agree with the content of the output standard of the subject that has been built, the content reflects well on the subject and fully meets the standards set by the training program.

- Dr. Bao Thanh:

About the syllabus of Modelling Marine Environment: Prerequisites for studying Fluid Mechanics course should be supplemented. If this subject is studied after Numerical Methods in Oceanography, students will easily absorb the course content.

The module Port and marine constructions should have a prerequisite module called Oceanography, in which students have basic knowledge about waves, currents, tides as well as basic elements and parameters in calculations in related marine industries.

- Assoc.Prof.Dr. Le Quang Toai:

Sharing the same opinion with Dr Bao Thanh, the modelling marine environment outline needs to be supplemented with the prerequisite course of Fluid Mechanics and, if possible, after the Numerical Methods in Oceanography. The modules on control of marine pollution, Marine resource and environment management, Fishery Oceanography and Marine Ecology have very good content.

- Dr. Dinh Ngoc Huy:

Teaching content of the ports and marine constructions course is mainly focused on ports, while other marine works are quite few. Marine works are divided into inshore and offshore works, the lecturer in charge should add some content about other types of marine works (dykes, correctional works, types of construction work, offshore, etc.); The module on control of marine pollution, Marine Resource Environment Management have good content.

- Dr. Le Thi Kim Thoa:

Agreeing with the opinions of the scientific council members, on behalf of the project members, I would like to thank all your comments and I will send to the lecturers who in charge of teaching these courses for consideration and correction.

3. Discuss on related issues:

4. Conclusion of the Council:

Prof. Dr. Nguyen Ky Phung, Chairman of the scientific council unanimously approved the content of comments of the members of the Scientific Council.

The session ends at 12 o'clock, November 26, 2020.

This minutes is made into 02 copies with the same validity, the Faculty of Marine Resources management keeps 01 copy and submits to the University (via the Examination, Quality Assurance and Education Inspectorate) 01 copy with detailed output standards.

Secretary

Chairman

Dr. Dinh Ngoc Huy signed

Prof. Dr. Nguyen Ky Phung signed

