



Co-funded by the
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MARE – Marine Coastal and Delta Sustainability for Southeast Asia

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ENVIRONMENTAL MODELLING COURSE

The target audience: Master students in Environment and Natural Management

(3 ECTS, Elective courses, approved course)

Key competences: This course belongs to the specialized knowledge block, providing students with in-depth knowledge about environmental modelling, application of modeling tools and computer models, forecasting of service pollution. for the assessment of environmental impacts and control, prevention of pollution and environmental protection. To apply knowledge of the model in the process of developing a decision support system in the management of environment and natural resources.

Course developers: Dr. Huynh Vuong Thu Minh

Course contents: Conceptual modelling; Hydrodynamics Modelling; Water quality modelling; Practice in water quality modelling

Teaching methodologies: Interactive and self-reflective methods of teaching and learning.

Form of control: Progress assessment (10%), Group report (30%) and Final examination (60%).

Course assignments will constitute a multi-part project.