

Module Handbook of Course on Coastal Zone Management (EN3089)

Module designation	<i>Coastal Zone Management (EN3089)</i>
Semester(s) in which the module is taught	2
Person responsible for the module	<i>Associate Professor Vo Le Phu; Dr. Ha Quang Khai</i>
Language	<i>Vietnamese and English</i>
Relation to curriculum	<i>Elective (of the major specialisation) Natural Resources and Environmental Management (only)</i>
Teaching methods	<i>Lecture, documentary films, group works/discussion/ presentation.</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 36 hours (theory: 15, assignment: 21, homework: 13.5) Contact hours: 3 hrs/week Private study including examination preparation, specified in hours: 25 hrs</i>
Credit points	3
Required and recommended prerequisites for joining the module	<ul style="list-style-type: none"> - Pre-requisite course: N/A - Pre-courses: Ecology (EN1005), Water Resources Management (EN3039)
Module objectives/intended learning outcomes	<p><i>Upon the completion of this course, students are able to achieve the following knowledge and skills:</i></p> <ul style="list-style-type: none"> - Knowledge: (i) Understand and explain significance and important role of coastal zone; (ii) Propose and analyse terminologies and concepts of coastal zone; (iii) Identify and analyse characteristics and factors influencing coastal zone. - Skills: (i) Develop skills for teamwork and multidisciplinary cooperation. - Competences: (i) Understand and analyze contexts and approaches to coastal zone management; and (ii) Identify and develop principles for sustainable coastal zone management.
Content	<p><i>The purpose of this course is to provide the following contents and knowledge:</i></p> <ul style="list-style-type: none"> - The environments and resources of coastal zone, coastal ecosystems and the vital role of coastal zone in the course of socio-economic development; - The pollution and degradation of coastal resources in Vietnam and the world under the effects of human and natural forces; - Managing coastal resources and environment by using the approach to Integrated Coastal Zone Management (ICZM); - Practical and case studies on integrated coastal zone management (ICZM) in countries of the Asia-Pacific region; - Climate change and its impacts on coastal resources and the environments.
Exams and assessment formats	
Study and examination requirements	

<p>Reading list</p>	<p>Textbook and main readings:</p> <p>[1] Viles, H. and Spencer, T. (1995). <i>Coastal Problems: Geomorphology, Ecology and Society at the Coast</i>. Edward Arnold, London.</p> <p>[2] Carter, R.W.G. (1991). <i>Coastal Environments: An Introduction to the Physical, Ecological and Cultural Systems of Coastlines</i>. Academic Press.</p> <p>[3] Harvey, N., Ed. (2006). <i>Global Change and Integrated Coastal Management: The Asia-Pacific Region</i>. Coastal Systems and Continental Margins. Springer, Dordrecht.</p> <p>[4] Trung tâm Nghiên cứu Bảo tồn Sinh vật biển và Phát triển Cộng đồng (MCD) và Khoa Sinh thái học hệ thống - Đại học Stockholm Thụy Điển (2012). <i>Cẩm nang Quy hoạch Không gian Biển và Vùng bờ cấp địa phương</i>. Hà Nội, MCD.</p> <p>[5] Cục Bảo vệ Môi trường (2006). <i>Atlas Đới bờ Việt Nam</i>. Dự án Việt Nam – Hà Lan về Quản lý Tổng hợp Đới bờ. Hà Nội, Công ty Cổ phần Thông tin Đối ngoại.</p> <p>Additional readings:</p> <p>[6] Nicholls, R.J., P.P. Wong, V.R. Burkett, J.O. Codignotto, J.E. Hay, R.F. McLean, S. Ragoonaden and C.D. Woodroffe, 2007: <i>Coastal systems and low-lying areas</i>. Climate Change 2007: Impacts, Adaptation and Vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, M.L. Parry, O.F. Canziani, J.P. Palutikof, P.J. van der Linden and C.E. Hanson, Eds., Cambridge University Press, Cambridge, UK, 315-356.</p> <p>[7] Clark, J. (1996). <i>Coastal Zone Management Handbook</i>. Lewis Publishers, Boca Raton.</p>
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