

Module Name		Module Code	
Economic Valuation of Environmental Services		EMAEF048-02a	
Module Coordinator			
Prof. Dr. Marie-Catherine Riekhof			
Organizer			
Institute of Agricultural Economics – Political Economy of Marine and Coastal Resource Management			
Faculty			
Faculty of Agricultural and Nutritional Sciences			
Examination Office			
Faculty of Agricultural and Nutritional Sciences - Examination Office			
ECTS Credits	6		
Evaluation	Graded		
Duration	ein Semester		
Frequency	Only takes place during winter semesters		
Workload per ECTS Credit	30 hours		
Total Workload	180 hours		
Contact Time	60 hours		
Independent Study	120 hours		
Teaching Language	English		
Recommended Requirements			
Introduction into Economics			
Module Courses			
Course Type	Course Name	Compulsory/Optional	SWS
Lecture	Economic Valuation of Environmental Services	Compulsory	2
Practical Exercise	Economic Valuation of Environmental Services	Compulsory	2
Prerequisites for Admission to the Examination(s)			

Examination(s)				
Examination Name	Type of Examination	Evaluation	Compulsory / Optional	Weighting
Economic Valuation of Environmental Services	Seminar Paper with Assignment (oral presentation)	Graded	Compulsory	100
Further Information on the Examination(s)				
<p>1.+2. period in winter semester 1. period in summer semester</p> <p>examiner: Dr. Marie-Catherine Riekhof QIS: 72801 with number of Examination 72820</p>				
Course Content				
<p>The environment provides many services, like clean air, carbon capturing or protection against floods or erosion. These ecosystem services are not traded on a market and accordingly do not have an observable market price. To show the value of environmental services, e.g. to evaluate policy measures that enhance or reduce ecosystem services, we need approaches for nevertheless quantifying the value of environmental services. In this course, several methods for non-market valuation of environmental services are introduced, discussed, and applied. Accordingly, the course includes economic theory, empirical methods, and concrete examples.</p>				
Learning Outcome				
<p>Students will</p> <ol style="list-style-type: none"> 1) understand the purpose for economic valuation of environmental services, 2) know different concepts for valuing environmental services as well as the concepts' strengths and weaknesses, 3) apply selected concepts to value ecosystem services. 				
Reading List				
<p>Part III of "A Course in Environmental Economics Theory, Policy, and Practice" by Phaneuf and Requate, 2017, Cambridge University Press, NY.</p> <p>Additional recommended textbooks and papers are included in a more detailed outline of the course, which will be distributed at the beginning of the course. Further, all teaching material including the slides used in the lecture will be made available.</p>				
Additional Information				
<p>Maximum number of participants: 20</p> <p>Enrollment by OLAT within workdays Monday through Friday in the 1nd week of the 2. audit period of the preceding semester. Following information is necessary:</p> <p>matriculation number last name first name striven degree study program stu-Email</p>				

The allocation of the places takes place in the 2nd week of the 2. audit period of the preceding semester. Acceptance of the place by students only through participation at the first day of the course. Students without a place can get a place at the first day of the course by move-up procedure. Students who successfully participated in "Environmental Economics" will be preferred.

Use	Compulsory / Optional	Semester
Master, 1-subject, Agricultural Sciences	Optional	-
Master, 1-subject, Environmental Management		3.
Master, 1-subject, Applied Ecology		3.