



Syllabus

Term: 2025/26/2 **Subject name:** Natural Resource Economics and CSR **Subject code:** B19GMC11E

Unit (Unit code) Department of Economics and Econometrics (KÖI)

Lecturer responsible for the course: Dr. ERDŐS Katalin

Requirement: Term mark

Classes per week : 0/2/0

Classes per term:

Purpose of education:

Ecosystem services provide the very basics of survival for mankind and that of economic growth. Overexploitation of resources is at a critical point and transition towards sustainable development requires action from policymakers and business managers alike. This course provides the necessary knowledge and skills to support the establishment of sustainable economies, societies and the environment. Corporate Social Responsibility (CSR) aspects will be explored in the context of natural resource economics to enable students to act responsibly in their professional lives.

Contents:

Syllabus:

- Dynamic efficiency and sustainable development
- Depletable resource allocation: The role of longer time horizons, substitutes, and extraction cost
- Energy: The transition from depletable to resources
- Recyclable resources: Minerals, paper, bottles, and e-waste
- Water: A confluence of renewable and depletable resources
- A locally fixed, multipurpose resource: Land
- Storable, renewable resources: Forests
- Common-pool resources: Commercially valuable fisheries
- Ecosystem goods and services: Nature's threatened bounty
- Theoretical basics of Corporate Social Responsibility (CSR)
- Corporate Social Initiatives: Six Options for Doing Good
- Motivations and dark side of CSR
- Best Practices for Doing the Most Good for the Company and the Cause
- CSR reports and measurement
- CSR – a marketing approach

System of examining and valuation:



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System of examing and valuation:

Formative assessment elements: Real-life or hypothetical case studies are processed in groups in order to enhance a better understanding of theoretical concepts and support the understanding of the application of policy tools in practice. The solutions are discussed and feedback on the groups' solutions is provided by peers and the lecturer.

Summative assessment elements:

100% in-class activity. Students have to take short quizzes, take part in discussions, and present findings.

Bibliography:

Tom TIETENBERG – Lynne LEWIS (2015): *Environmental & Natural Resource Economics*. Pearson Education. 10th edition

Kotler, PHILIP – Lee, NANCY (2004): *Corporate Social Responsibility – Doing the Most Good for Your Company and Your Cause*. John Wiley & Sons

Bibliography:

Edward B. Barbier (2005): *Natural Resources and Economic Development*. Cambridge University Press.

Roger Pearman – Yue Ma – Michael Common – David Maddison – James McGilvray (2011):

Natural Resource and Environmental Economics. Pearson Education. 4th edition