

COURSE DETAIL

ENVIRONMENTAL ECONOMICS: RESOURCE SCARCITY AND SUSTAINABLE RESOURCE MANAGEMENT

Country

Japan

Host Institution

Keio University

Program(s)

Keio University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

163

UCEAP Course Suffix

B

UCEAP Official Title

ENVIRONMENTAL ECONOMICS: RESOURCE SCARCITY AND SUSTAINABLE RESOURCE MANAGEMENT

UCEAP Transcript Title

ENV ECON:RES SC SUS

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course focuses on the dynamic implications of the links between the prevailing unprecedented global resource extraction and utilization; high input-high output industrial production, and resource scarcity. This allows one to conceive the relationships between the consequences of overexploitation of resources and irreversible material transformation in the production system, and their crucially important implications for resource efficiency and environmental efficiency.

This course also seeks to guide students to make mental connections across disciplines with real life experiences based on comprehensive synthesis of evidence of the unsustainable resource consumption and sustainability practices in resource management. Here, it places great emphasis in developing critical thinking and analytical skills among students in identifying policy responses to the economic and environmental effects of overexploitation of natural resources.

The foregoing takes the class to a broad-spectrum of debates relating to the properties of natural resources; the principles of resource efficiency; resource sustainability and environmental efficiency; environmental impacts of irreversible input-output resource conversions, and sustainable resource consumption and conservation, among other subjects of interest.

Language(s) of Instruction

English

Host Institution Course Number

N/A

Host Institution Course Title

ENVIRONMENTAL ECONOMICS B: RESOURCE SCARCITY AND SUSTAINABLE RESOURCE MANAGEMENT

Host Institution Course Details

<https://gslbs.keio.jp/pub-syllabus/detail?ttblyr=2024&entno=59753&lang=en>

Host Institution Campus

Keio University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

Course Last Reviewed

2024-2025

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