Course number	U-LAS61 10010 LE17		
Course title (and course title in English)	Human-environmental Interactions-E2 Human-environmental Interactions-E2	Instructor's name, job title, and department of affiliation	Graduate School of Global Environmental Studies Associate Professor,TRENCHER, Gregory
Group	Interdisciplinary Sciences	Field(Classification)	Environmental Sciences
Language of instruction	English	Old group	Group A
Number of credits	2		
Number of weekly time blocks	1	Class style	Lecture (Face-to-face course)
Year/semesters	2025・First semester		
Days and periods	Thu.5	Target year	Mainly 1st & 2nd year students
Eligible students	For all majors		

[Overview and purpose of the course]

This lecture and discussion course will introduce students to environmental challenges and the human-environmental interactions causing these. In doing so, students will gain an interdisciplinary understanding that includes perspectives from the natural sciences about the drivers of global environmental problems and social science perspectives on the social, policy and ethical dimensions of causes and solutions. The course will use detailed case studies to explore topics of global relevance such as climate change, plastic ocean debris, national park management, agriculture and diets.

[Course objectives]

Students will be encouraged to look critically at the environmental impacts of their own behavior as well as practices on the local, regional, national and international scale. In doing so, students will gain an interdisciplinary understanding that includes perspectives from the natural sciences about the drivers of global environmental problems and social science perspectives on the social, policy and ethical dimensions of causes and solutions. Students will be expected to contribute their ideas and express themselves in small group discussions and classroom exercises.

[Course schedule and contents)]

1. Introduction to course
2. Climate Change 1: Basic science and observations
3. Climate Change 2: Extreme weather and long-term impacts
4. Film viewing and discussion: Home
5. Climate Change 3: Geoengineering: The ultimate human-nature interaction
6. Agriculture: GMOs
7. The relationship between meat, health and environmental change
8. Ocean Plastic 1: Overview of the problem and causes
9. Ocean Plastic 2: Overview of the problem and causes
10. National park management (Daintree in Australia) and introduction to assignments
11. Guest lecture
12. Group research assignment preparation
13. Group research presentations
14. Group research presentations
15. Feedback (by appointment)

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Human-environmental Interactions-E2(2)

[Course requirements]

A willingness to participate in class discussions and group work.

[Evaluation methods and policy]

Attendance and participation 20%
Home film viewing assignment 20%
Student presentations 30%
Student paper 30%

[Textbooks]

No text required. Readings and lecture notes will be distributed in class.

[Study outside of class (preparation and review)]

All students will be expected to participate in classroom discussions and complete assignments. Revision of class presentations is expected.

[Other information (office hours, etc.)]

Please email the instructor to set up an office appointment. Email address will be provided in class.