

科目ナンバリング		U-LAS61 10010 LE17					
授業科目名 <英訳>	Human-environmental Interactions-E2 Human-environmental Interactions-E2			担当者所属 職名・氏名	地球環境学舎 准教授 TRENCHER, Gregory		
群	統合科学科目群		分野(分類)	環境		使用言語	英語
旧群	A群	単位数	2単位	週コマ数	1コマ	授業形態	講義(対面授業科目)
開講年度・ 開講期	2026・前期		曜時限	木5		配当学年	主として1・2回生 対象学生 全学向
<b>[授業の概要・目的]</b>							
<p>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.</p>							
<b>[到達目標]</b>							
<p>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.</p>							
<b>[授業計画と内容]</b>							
<ol style="list-style-type: none"> <li>1. Introduction to course</li> <li>2. Climate Change 1: Basic science and observations</li> <li>3. Climate Change 2: Extreme weather and long-term impacts</li> <li>4. Film viewing and discussion: Home</li> <li>5. Climate Change 3: Geoengineering: The ultimate human-nature interaction</li> <li>6. Agriculture: GMOs</li> <li>7. The relationship between meat, health and environmental change</li> <li>8. Ocean Plastic 1: Overview of the problem and causes</li> <li>9. Ocean Plastic 2: Overview of the problem and causes</li> <li>10. National park management (Daintree in Australia) and introduction to assignments</li> <li>11. Guest lecture</li> <li>12. Group research assignment preparation</li> <li>13. Group research presentations</li> <li>14. Group research presentations</li> <li>15. Feedback (by appointment)</li> </ol>							
<b>[履修要件]</b>							
A willingness to participate in class discussions and group work.							
<b>[成績評価の方法・観点]</b>							
Attendance and participation 20% Home film viewing assignment 20% Student presentations 30% Student paper 30%							
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**[教科書]**

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

**[授業外学修（予習・復習）等]**

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

**[その他（オフィスアワー等）]**

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

**[主要授業科目（学部・学科名）]**