科目ナンバリング	U-LAS04 20033 LE45				
授業科目名<英訳>	Introduction to Sociological Observation -E2 :Understanding Environmental Challenges Introduction to Sociological Observation-E2 :Understanding Environmental Challenges	担当者所属職名・氏名	地球環境学舎 准教授 TRENCHER, Gregory		
群	人文・社会科学科目群	分野(分類)	教育・心理・社会(各論)	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1	配当学年	主として1・2回生
対象学生	全学向				

[授業の概要・目的]

This lecture and discussion course will introduce students to various theories from social science fields that can enrich our understanding of why environmental and societal challenges occur and how we can better manage them. In doing so, we will use real world case studies and famous journal papers to gain interdisciplinary knowledge from different fields such as environmental sociology, environmental ethics, sociology, philosophy and sustainability transitions and learn how apply these theories to actual environmental and social situations.

The class has a strong theoretical focus and will suit students who already possess: 1) an advanced level in English, 2) basic understanding of environmental problems, 3) an interest in academic research.

[到達目標]

Students will learn to understand and apply some classic and emerging sociological theories and conceptual frameworks with relevance to environmental challenges. These include the ‘tragedy of the commons’, sustainability transitions, the creation and destruction of technology, and socio-technological lock-in. Students will improve skills in discussion, oral presentations and research. Students will be expected to contribute their ideas and express themselves in small group discussions and classroom exercises.

[授業計画と内容]

1. Introduction to course
2. Tragedy of the commons: Climate change
3. Narratives and energy: Coal and electricity in Japan
4. Socio-technical imaginaries: The case of hydrogen in Japan
5. Sustainability transitions and socio-technical systems Part 1: Introduction
6. Sustainability transitions and socio-technical systems Part 2: Strategies to accelerate transitions
7. Sustainability transitions and socio-technical systems Part 3: Lock-in
8. Introduction to causal loops
9. Smart cities 1: Technology for what social purpose?
10. Guest lecture: Theoretical frameworks for understanding energy transitions
11. Smart cities 2: Can cities make us healthier?
12. Research project introduction and preparation
13. Research presentations
14. Research presentations
15. Feedback (by appointment)

Introduction to Sociological Observation-E2 :Understanding Environmental Challenges(2)へ続く↓↓↓

Introduction to Sociological Observation-E2 :Understanding Environmental Challenges(2)

[履修要件]

This class is designed for students who already possess: 1) an advanced level in English, 2) basic understanding of environmental problems, 3) a strong interest in academic research, including theory.

[成績評価の方法・観点]

Attendance and participation 15%
Mini report on recommended electric mobility policies 10%
Research project proposal 15%
Research project presentation 30%
Research project paper 30%

Details will be explained in class.

[教科書]

No text is required as readings and lecture notes will be distributed in class.

[参考書等]

（参考書）
授業中に紹介する

[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）]