
ENVIRONMENTAL ECONOMIC POLICY 2 credits (Fall)**環境経済学(政策) 2単位(秋学期)**

Global Economic Environmental Policy

(サントリーホールディングス株式会社寄附講座)

Project Professor MCDONALD, ANNE

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Course Description:

This class is open to PCP students, (selected) exchange students and Masters' course students only.

Environmental economic policy is relatively new to the global stage of policy dialogue and initiatives. This course will explore the environmental degradation and causes that catalyzed global level inter-governmental policy discussions leading to United Nations conventions and protocols, among other global level policy initiatives.

In order to better understand environmental degradation and its challenges, as well as what drives global environmental economic policy design and implementation, in addition to economic dimensions, the social, cultural, and political mechanisms that advance and/or hinder environmental protectionism at the global level will also be explored.

It is the aim of this course to help students further both their ability to analyze environmental problems and their understanding of global economic environmental policy.

Textbooks:

No one textbook will be used for this course but rather a diverse range of readings from reports, books and journal publications. Readings for each lecture will be prepared and distributed to students one week before each lecture.

Course Plan:

- 1 Course overview: environmental degradation and the globalization of environmental policy dialogue
- 2 From problems to solutions: the making of environmental policy.
From environmental policy at the national level to international environmental policy making.
- 3 Historical context of putting environment and economics on the same agenda: the Club of Rome and The Limits to Growth, Garrett Hardin's The Tragedy of the Commons, United Nations Conference on the Human Environment (Stockholm Conference) and Our Common Future (the Brundtland Commission report)
- 4 Towards integration of economics and environmental interests. The turning point for global environmental + economics policy: 1992 United Nations Conference on Environment and Development (Earth Summit/Rio Summit) and its legacy. Brief overview of notable achievements including, United Nations Framework Convention on Climate Change (UNFCCC), Convention on Biological Diversity (CBD) and Agenda 21.
- 5 Part 1 of reports that shaped global environmental economic policy at the turn of the 21st Century: Stern Report
- 6 Part 2 of reports that shaped global environmental economic policy at the turn of the 21st Century: the Millennium Ecosystem Assessment Report (MEA) and The Economics of Ecosystems and Biodiversity (TEEB)
- 7 Lecture 7 through 14 will explore a few select environmental issues and the challenges to environmental economic policy
Putting a price tag on nature: a look at IPBES, TEEB, habitat banking and other efforts to translate nature into monetary values.
- 8 Can payment for ecosystem (PES) work? A look at Coca-Cola, Vittel, Syngenta and other private business led PES initiatives.
- 9 Market solutions to climate change: the potentials and limitations of carbon emission schemes. A look at the EU, Australia, and recent trends from China.
- 10 Private industry initiatives in MEAs: Getting private industry to buy into countermeasures to combat the depletion of the ozone layer. A look at Dupont R+D strategies, private industry initiatives that contributed to the success of the Montreal Protocol.

- 11 Weighing out the 3Es economics, environment and ethics. Exploring the 3Es through discussion of genetically modified organisms (GMOs), pesticides (i.e. DDT debates in the USA and Africa) and global trade.
 - 12 Water governance and corporate water management strategies among global 500 companies.
 - 13 Securing safe sustainable energy for the future: Are renewable energies the way of the future?
 - 14 Willingness to pay (WTP) and nature conservation. Explore how much tourists may be willing to pay for nature conservation through ecotourism by looking at case studies from safari ecotours in Tanzania and rainforest ecotours in Costa Rica.
- Other The growth of green jobs and environmental skill: case studies from the UK, Netherlands, France and Germany

Lecturer's Comments to Students:

The content of the syllabus is subject to change. The updated syllabus will be distributed on the first day of lectures but may also be subject to slight changes and modifications during the lecture session.

Method of Evaluation:

Final grade will be based on the following:

20% lecture attendance

80% written report about topic of student's choice in English