

Titel der LV: Energy and Climate Policy
LV-Nr.: 2.2.3.4 und 66-651
Dozent: Martin Kalinowski, Jürgen Scheffran, Clifford Singer
Zeit: Do 16.15-17.45
Ort: Raum 008, Grindelberg 5 (alternativ: ZMAW, Bundesstr. 53, Raum 133)
Beginn: 15.04.2010

Inhalt: Introduction to energy resources, alternative energy systems, and international security, civil-military ambivalence of nuclear energy, CO₂-emissions from energy production. Climate mitigation and adaptation strategies, comparative analysis of energy and climate policy regimes and institutions, including negotiation processes.

Ziel der LV: Provide an understanding of the key factors, mechanisms and institutions in energy and climate policy on national and international levels.

Voraussetzungen: BSc in any field relevant to the topic of this class.

Literatur:

Singer E.C; Energy and International War. From Babylon to Baghdad and Beyond; World Scientific Series on Energy and Resource Economics – Vol.6; World Scientific Publishing 2008. Related lecture notes on <http://npre480.ne.uiuc.edu/lecturenotes/contents.html>

Ott, K., G. Klepper, S. Lingner, A. Schäfer, J. Scheffran, D. Sprinz: Reasoning Goals of Climate Protection - Specification of Art.2 UNFCCC, Report, Umweltbundesamt, Berlin, 2004.

Grover, V.I. (ed.), Global Warming and Climate Change: Ten Years After Kyoto and Still Counting, Science Publishers (2 Vol), 2008.

Programm:

- 15. April Introduction; Climate Policy: Impacts, Conflicts and Security Risks (Jürgen Scheffran)
- 22. April "Winning the Oil Endgame" (Video and presentation by Amory B. Lovins)
- 29. April Climate Policy: Mitigation and Adaptation (Jürgen Scheffran)
- 06. Mai Renewable Energy Sources (Jürgen Scheffran)
- 13. Mai *Ascension Day*
- 20. Mai Energy Scenarios and Possible Reductions of Greenhouse Gas Emissions (Martin Kalinowski)
- 27. Mai *Pentecost Holidays*
- 03. Juni International and Intergenerational Risks of Nuclear Energy (Martin Kalinowski)
- 10. Juni Coal, Iron, and War: From Conflict to Negotiation (Cliff Singer)
- 17. Juni Oil and War: Historical Background (Cliff Singer)
- 24. Juni Oil, Natural Gas, and Security: Current State of Affairs (Cliff Singer)
- 01. Juli Extrapolation of Historical Energy Use Patterns into the Future (Cliff Singer)
- 08. Juli Interplay between Energy, Security, and Climate Change (Cliff Singer)
- 15. Juli *Written Exam*