

Environmental Studies 900 (Section 1): EAP Seminar – 1 credit
Fall 2010: “Governance of Global Energy Problems”

Instructors: Prof. Greg Nemet, Public Affairs and Environmental Studies
Prof. Bernie Lesieutre, Electrical and Computer Engineering

This graduate level seminar is designed to offer Energy Analysis and Policy (EAP) students—and other interested students—an opportunity to explore a particular theme in the area of Energy Analysis and Policy in depth. A selection of specific topics related to the theme are identified and assigned to the participating students based on their preferences. Each week, the student responsible for that topic will identify some background reading, with assistance from the instructors, and guide a discussion after a brief (10 minute) informal presentation. Grades will be based on attendance and participation, with emphasis on the week that the student is leading the discussion.

Fall 2010 is the second year this course has been offered. The theme will be “*Governance of Global Energy Problems*” and is related to an ongoing collaborative research effort on the global governance of energy. Over the semester, participants will explore various governance mechanisms—including international institutions, national and sub-national governments, multi-national corporations, non-governmental organizations, and specific agreements. Each student will lead a discussion of one such mechanism or a few closely related mechanisms. We will discuss how these mechanisms contribute to a global governance regime to address international energy issues. A set of general questions will be used to guide discussion throughout the course. Among these, key thematic questions are:

- To what extent are these institutions *effective* in addressing international energy problems?
- What is the basis for their *legitimacy*?
- To what extent do they represent the interests of those affected by their decisions?

Meeting time: Tuesday, 4-4:50 PM

Minimum/Maximum Enrollment: 10/15

Location: VAN HISE 474

Tentative schedule of weekly topics:

1. Sep. 7:	Introduction and overview: international energy problems and international governance
2. Sep. 14:	Organization of Petroleum Exporting Countries (OPEC)
3. Sep. 21:	Special guest, Surendra Rao: India's Energy Scenario and Climate Change
4. Sep. 28:	North American Electric Reliability Corporation (NERC)
5. Oct. 5:	International Atomic Energy Agency (IAEA); Nuclear non-Proliferation Treaty (NPT)
6. Oct. 12:	The International Energy Agency (IEA)
7. Oct. 19:	The World Bank
8. Oct. 26:	The United Nations Framework Convention on Climate Change (UNFCCC)
9. Nov. 2:	International Renewable Energy Association (IRENA)
10. Nov. 9:	UN Food and Agriculture Organization (UNFA0)
11. Nov. 16:	The Group of Eight (G8) and Group of Twenty (G20)
12. Nov. 23:	World Trade Organization (WTO)
13. Nov. 30:	Governance of Geo-engineering
14. Dec. 7:	Open, topic TBD
15. Dec. 14:	Synthesis discussion

Other possible topics to be discussed: The Asian Development Bank, the UN Global Environmental Facility, The European Union, and The North American Free Trade Agreement, Gazprom.