

Woodrow Wilson School of Public and International Affairs
Princeton University
Spring 2013

WWS350
The Environment: Science and Policy
Monday, Wednesday 10:00-10:50

Part 2

Professor Denise Mauzerall
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Office Hours: 11-12 Monday and Wednesday and by appointment
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Preceptors

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Overarching goal: Understand how environmental science informs environmental policy making. Case studies of stratospheric ozone protection and climate change.

Course Reading material is available on BlackBoard

Lecture and Precept Schedule

Week 8. April 1 and 3, 2013. Stratospheric Ozone Depletion – Science

Lectures on ozone depletion science.

Homework on ozone depletion science distributed

Precept – General discussion

Week 9. April 8 and 10, 2013. Stratospheric Ozone Protection - Montreal Protocol and start of climate change.

Lecture on Montreal Protocol mechanisms to protect stratospheric ozone.

Guest lecture by former EPA Administrator Lisa Jackson on EPA's role in reducing emissions of greenhouse gases on 4/10/13.

Homework on ozone depletion science due in lecture April 8.

Precept – Montreal Protocol stakeholder role-play.

Week 10. April 15 and 17, 2013. Climate Science

Homework on climate science distributed.

Lectures-- Climate science

Precept – Discussion of questions on climate science and guidance on starting homework.

Week 11. April 22 and April 24, 2013. Climate Policy

Lectures - Finish overview of climate science. Start role of international and domestic climate policy in reducing emissions of greenhouse gases.

Homework on climate science due in lecture April 24, 2013.

Homework on climate policy distributed

Precept -- Discussion of various climate change policy options – international and domestic, and potential of various non-carbon energy technologies.

Week 12. April 29 and May 1, 2013. Energy Technology and sustainable development.

Lectures: Mitigation strategies for reducing emissions of greenhouse gases.

What's the best way forward to protect the world from "dangerous anthropogenic interference with the climate system"?

Memo on climate policy due in precept this week.

Precept – Role play – Team discussion of country positions on GHG mitigation and adaptation to climate change.

Course review session Monday May 13 10am-11am in Dodds Auditorium.
(standard lecture time and place).

Final Exam: Friday May 17, 2013.