

## Syllabus — UPP 554 — Environmental Planning

University of Illinois at Chicago

Spring 2010

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This class is a survey of important environmental laws and how they affect local and regional planning (e.g., wetland regulation, air quality conformity) as well as what can be done when there are no compelling environmental laws (e.g., climate change, arguably water supply). It will be taught in a lecture and discussion format. I will try to particularize the issues to the Chicago region or to the Midwest as much as possible so that you have a feel for the policy landscape here. The tradeoff with that is that you won't hear that much about environmental issues elsewhere and how planners respond to them. In environmental planning, where you are determines a lot of what you do.

### Assignments and grading

You will have three short assignments (3 – 4 single spaced pages each) analyzing problems in environmental policy and local planning. These assignments will be due two weeks after they are assigned. A longer term paper (8 – 10 single spaced pages) will be due toward the end of the semester. This paper is meant to give you an opportunity to explore a significant issue in environmental planning or policy in a fair amount of detail. You will also be asked to give a presentation to the rest of the class on your findings. A paragraph describing the topic of the paper will be due in the middle of the semester. Finally, class participation is an important part of your grade. By "participation," I mean being present in class, obviously, but also asking questions, engaging in discussion, etc.

	Weight	Week due
Class participation	10%	Ongoing
Assignment 1	15%	6
Topic for term paper	5%	8
Assignment 2	15%	10
Assignment 3	15%	14
Term paper	30%	15
Presentation of paper	10%	15 & 16

### Office hours

I can be available for students at CUPPA Hall or wherever is convenient in the hour or so before class. Please make an appointment with me beforehand.

## Readings

The only book you need to buy is Salzman and Thompson, *Environmental Law and Policy* (2003). It will not be available in the UIC Bookstore, but the Amazon link is [here](#); you can also buy the book elsewhere online. The other readings will either be available on Blackboard or are hyperlinked in the syllabus.

## Class schedule

Week 1 – Jan 14

*Students are expected to come to the first class having read the assigned material.*

- Overview of class and brief history/theory of environmental regulation
- Readings:
  - Salzman and Thompson, *Environmental Law and Policy* (2003). Chapter 1 & 2.
  - William Cronon, *Nature's Metropolis*. Ch. 1. Note: this is worth reading the whole way through.

Week 2 – Jan 21

- Regulatory tools of the trade
- Readings:
  - Salzman and Thompson, *Environmental Law and Policy* (2003). Chapter 3.
  - Tietenberg, *Environmental Economics and Policy* (2004), 4<sup>th</sup> Ed. Chapter 13.

Week 3 – Jan 28

- Air quality regulation
- Readings:
  - Salzman and Thompson, *Environmental Law and Policy* (2003). Chapter 4.
  - CMAP, [Air Quality Snapshot Report](#) (2009)
  - National Transit Institute *Introduction to Air Quality Conformity* class materials

Week 4 – Feb 4

- Overview of water supply planning
- Readings:
  - Dzurik, *Water Resources Planning* (2003), Ch. 3 & 8
  - Annin, *Great Lakes Water Wars*, Ch. 1 & 5

Week 5 – Feb 11

- Nuts and bolts of regional water supply planning
- Guest lecturer: Tim Loftus, Chicago Metropolitan Agency for Planning

- Readings:
  - Southern Illinois University Carbondale, [Regional Water Demand Scenarios for Northeastern Illinois](#) (2008), executive summary.
  - Review CMAP, [Regional Water Supply Plan](#) (2010)

Week 6 – Feb 18

- Surface water quality
- Readings:
  - Salzman and Thompson, *Environmental Law and Policy* (2003). Chapter 5.
  - Clean Water Act, available at <http://epw.senate.gov/water.pdf>. This is meant to make you glad you went to planning school rather than law school. Skim sections 101, 301, 301, 303, 305, 319, 402, 404, and all of Title VI.

Week 7 – Feb 25

- Planning for water quality improvement
- Readings:
  - Allan, *Stream Ecology* (1995), Ch. 1
  - Federal Interagency Stream Restoration Working Group, [Stream Corridor Restoration](#) (2001), Ch. 3
  - Skim Center for Watershed Protection, [An Integrated Framework to Restore Small Urban Watersheds](#) (2005)
  - Skim the Lake County, IL [Watershed Development Ordinance](#)

Week 8 – Mar 5

- Green infrastructure and natural area protection/restoration
- Readings:
  - Joel Greenberg, *A Natural History of the Chicago Region*. Ch. 1-2. Note: worth reading the whole way through.
  - TBD

Week 9 – Mar 11

- Climate change and energy planning
- Readings:
  - TBD

Week 10 – Mar 18

- Natural hazards mitigation
- Readings:

- TBD

Week 11 – Mar 25

- Spring Break

Week 12 – April 1

- National Environmental Policy Act
- Readings:
  - Salzman and Thompson, *Environmental Law and Policy* (2003). Chapter 10.
  - Charles H. Eccleston, *The NEPA planning process: a comprehensive guide with emphasis on efficiency*

Week 13 – April 8

- Brownfields and environmental justice
- Readings:
  - TBD

Week 14 – April 15

- Protection of endangered species
- Readings:
  - TBD

Week 15 – April 22

- Presentation of term papers

Week 16 – April 29

- Presentation of term papers