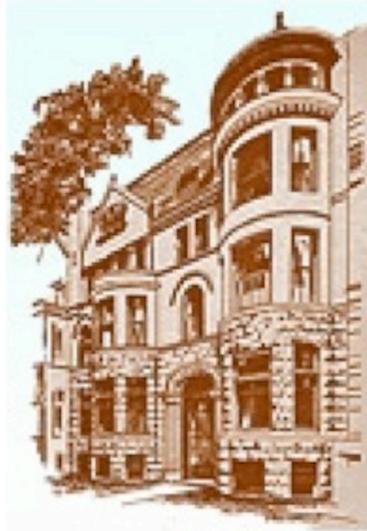


Proceedings of the
Policy Studies Organization
New Series, No. 17



1527 New Hampshire Ave, NW
Washington DC, 20036
Tel: (202) 483 2512
Fax: (202) 483 2657
www.ipsonet.org

The Proceedings appear four times a year as an adjunct to all of the PSO journals and are among the most widely distributed sources in the policy world. All Proceedings are permanently available online at bitly.com/psoproceedings. Material for the Proceedings, including syllabi, meeting and professional announcements, scholarships and fellowships should be sent to the Proceedings editor, Daniel Gutierrez at dgutierrez@ipsonet.org

Sponsored by American Public University System



Advisory Board

Karen McCurdy

*Southern Political Science
Association*

Mark Vail

Tulane University

Catherine E. Rudder

George Mason University

David Oppenheimer

Prime Oppenheimer

Charles Doran

*School of Advanced International
Studies, Johns Hopkins University*

Kingsley Haynes

George Mason University

Wallace E. Boston

*American Public University
System*

Fred Stielow

*American Public University
System*

Carol Weissert

Florida State University

William Morgan

*Midwest Political Science
Association*

Norman A. Bailey

Norman A. Bailey Inc.

Edward Khiwa

Langston University

Mark B. Ryan

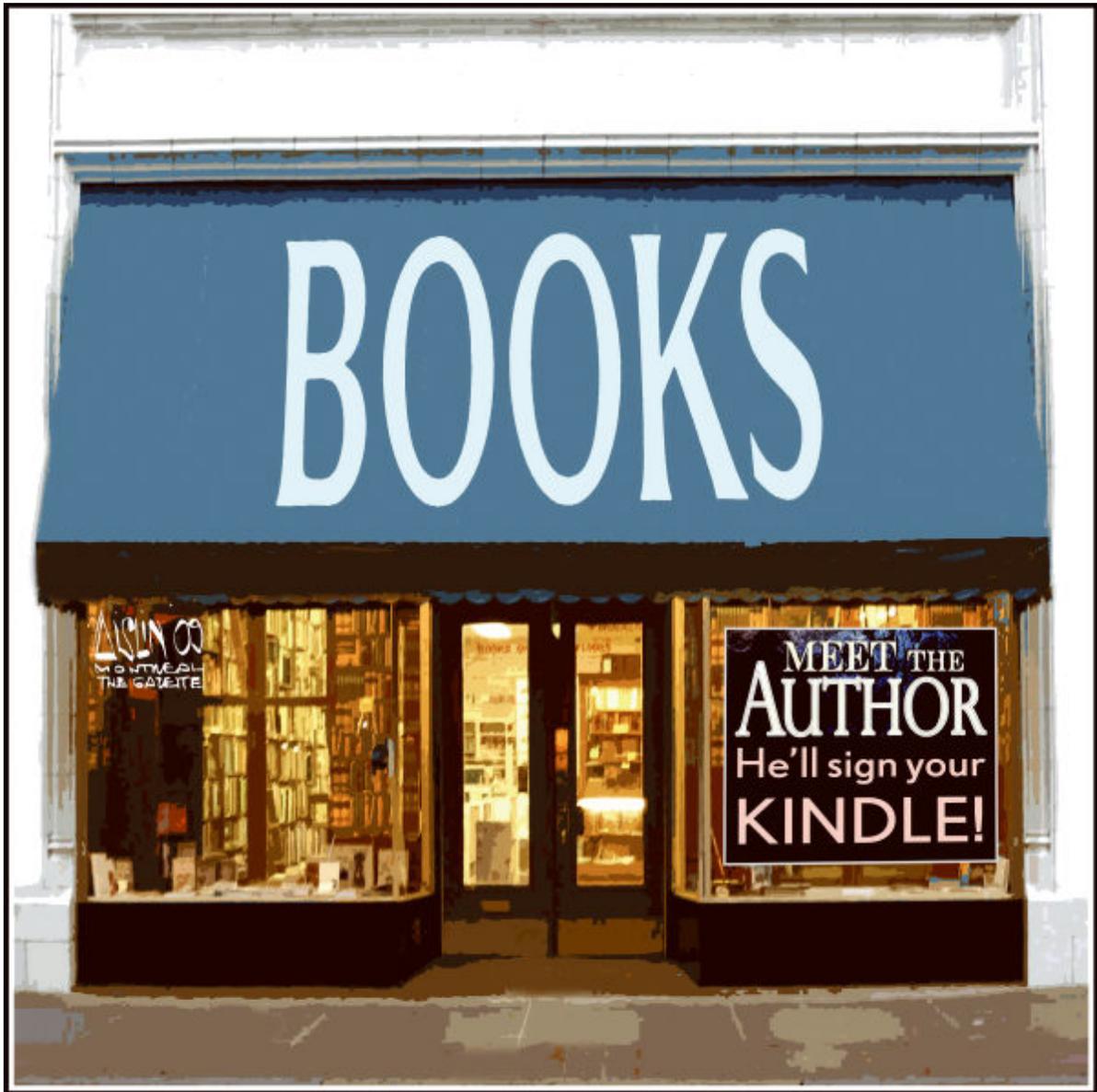
Wisdom University

Guillermo Izabal

PricewaterhouseCoopers LLP

Frank McCluskey

*American Public University
System*



From the PSO President

Well, the remarkable continuing and dramatic changes in academic communication have kept scholarly societies that want to be on top of things in a constant mode of revision and innovation. The Policy Studies Organization is no exception.

The editors of all PSO publications are exploring ways to enhance their journals with film clips, animated charts, and other graphic enhancements. Perhaps the way in which we write academic articles is gradually being transformed – not overnight to be sure but still moving away from only the printed word to a more expressive style. The Chinese, after all, have had for thousands of years a language that has a pictorial approach in its roots. We may look back at printed words alone as impossibly limiting: how did those people ever manage without a high tech language. The sea change now going on is daunting.

On another front, one of our responses to the technological revolution is to bring PSO more into the classroom. We have been learning a lot about online classrooms from our friends in the American Public University System and soon will present a new journal: Online Education. Currently, Professor Emma Norman, the co-editor of Politics & Policy, is going through the thousands of articles published in the various PSO periodicals over the last forty years to arrange them by subject. We know of course that the articles can be googled, as all PSO journals have been scanned and put online going back to their start, but this opens the door further for teachers who are looking for suggestions for the classroom. When that is done, we will be adding other aids to the use of the PSO resources in courses.

We appreciate the positive comments about publishing syllabi, and we welcome more of them from you as well as other classroom material. Helping in this way is clearly one of our main missions. Call this practicing what we preach.

Paul J. Rich
pauljrich@gmail.com

Syllabi

The following syllabi were sent to us per our invitation to share them in our journals. We received more and they will be published in future Proceedings. As we hope these documents will be of use to the teaching of policy studies and curriculum development, we would like to encourage professors to send us their material for consideration. Contributions can be sent to Daniel Gutierrez at dgutierrez@ipsonet.org

Contents

I. Federalism and American Political Development

Prof. Dave Robertson
University of Missouri-St. Louis

II. Environmental Policy

Prof. Zachary A. Smith
Northern Arizona University

III. Public Affairs: Cost Benefit Analysis

Prof. Dave Weimer
University of Wisconsin-Madison

IV. The Policymaking Process

Prof. John Witte
University of Wisconsin-Madison

I. Federalism and American Political Development

Prof. Dave Robertson

University of Missouri-St. Louis

1. WHAT IS THIS COURSE ABOUT?

Though Americans rarely appreciate it, federalism has profoundly shaped their nation's past, present and future. Federalism – the division of government authority between the national government and the states – affects the prosperity, security, and daily life of every American. The most bitter and spectacular political conflicts in American history have been fought on the battlefield of federalism – over state's rights to leave the union, government power to manage labor and business, to institute political reform, and to initiate responses to problems of race, corporate autonomy, poverty, climate change, abortion, gay rights and many more.

This course traces the impact of federalism on American life and politics since the Constitution. It emphasizes that federalism has been used as a political weapon to shape every major political conflict in American history. It also emphasizes that federalism's impact on American politics, policy and life has developed cumulatively over time. Drawing on the perspective of American Political Development scholarship (or APD), it emphasizes that past choices shape present circumstances, and that a deep understanding of American government, public policy, political processes and society requires an understanding of the key steps in federalism's evolution in American history.

Our Contract. By enrolling in this course, you and I have agreed to a contract with each other. I'll work hard to be prepared, enthusiastic, fair and respectful of every student and their opinions. I'll be accessible and try my best to return graded materials after no more than a week. By enrolling in the class, you've agreed to (1) attend every class, (2) to participate by asking questions and joining in class discussions, and (3) reading the assigned material and completing written assignments on time. Of all the consumer purchases you make, don't let your education be the one expensive purchase where you expect *less* for your money.

2. WHAT TEXTS ARE REQUIRED?

There are 4 important sources of readings. The most important text for the course is the draft of the book, *Federalism and the Making of America*. Also:

Timothy J. Conlan and Paul L. Posner, eds., *Intergovernmental Management for the 21st Century*, (Washington, DC: Brookings Institution, 2008) ISBN-13: 978-0815715412.

David B. Walker, *The Rebirth of Federalism: Slouching Toward Washington*, 2nd ed. (Chatham, NJ: Chatham House, 1999) ISBN-13: 978-1566430746

Additional materials will be posted online.

3. DO I NEED TO ATTEND AND PARTICIPATE IN CLASS?

YES. This is a seminar course. It depends on your discussion of course readings. Attendance is required, and I will record it. You are expected to participate in all seminar sessions and to contribute thoughtful and informed questions and comments to the discussion. If you do so you will receive an "A" for this part of the grade. Remember, this seminar will succeed only to the extent that you participate. Its success depends on you.

Your reading assignments are listed on the attached class schedule. I expect you to have read the material before coming to class, and that you will be prepared to discuss it. In advance of each class, I will distribute handouts with discussion questions for that session. I would prefer not to use quizzes, but if you are not prepared to discuss the readings in class, I will implement quizzes.

4. GRADING:

The grade for the course will be determined in the following way:

Participation:	20% of the final grade
Journal:	20% of the final grade
Exam	25% of the final grade
Paper:	25% of the final grade

NOTE: You are not are NOT competing with other students for a grade. There is no curve in this course. Each student can get an A, or can get a D. It's up to you.

5. THE FEDERALISM JOURNAL

You will keep a Federalism Journal during the semester. Each week, you'll read 1 magazine or newspaper story about relations between the national government and the states, or the states among each other. You also may read an editorial, a historical article (from the New York Times or Time Magazine archives, for example, or an extended blog entry). Every two weeks, you'll hand in a notebook in which you have two entries. Each entry should spend no more than one paragraph summarizing the main points of one story, and at least on paragraph reacting to it by exploring its significance for understanding the federalism (not just an individual state). Actively use ideas from course discussion and readings, and apply them in your reactions.

The object of this journal is to develop three of your critical thinking skills: 1), your ability to summarize succinctly exactly what someone else is saying; 2) your ability to connect material from outside the course to the key themes of the course; and 3) to provide a cogent, reasoned response to the things you read. Each entry should be about two paragraphs: one paragraph to summarize the article, editorial, or opinion piece, and one paragraph to react to it. Again, you will write about one entry a week, two entries in all for each submission, or a total of 10 entries. You will hand in the journal about every other week. Please leave room for comments after each entry. Each time you hand in the journal, please include all the previous entries and comments. The best way to include everything is in a thin spiral notebook.

The journal assignment will require you to pay closer attention to developments in federalism this semester. You can do this by reading the New York Times. Governing is a magazine that covers American federalism, and Publius is a political science journal that deals with federalism

from an academic perspective. I urge you to think creatively, choosing historical topics, or important Supreme Court cases, or interesting philosophical problems. Whatever your interest -- the arts, social justice, strengthening free markets, issues like abortion or gay marriage -- there are robust discussions about the role of the states and the relationship of the states and the Federal government. You will be graded on (1) demonstrated effort and research, (2) thoughtfulness and creativity, (3) effective execution (good writing).

6. THE FEDERALISM RESEARCH PAPER.

This is a conventional research paper on a topic on federalism that interests you. You can look at contemporary U.S. policy and its relationship to federalism; federalism in political theory; or federalism in other nations. Topics should be arranged with me.

7. THE FINAL EXAM.

There will be a take home final exam. You will have the questions in advance, and you will have a week to compose your answers.

8. COURSE SCHEDULE

WEEK 1

Session 1: Introduction

Session 2: Federalism as a Battleground

READ: Tabarrok, "Arguments for Federalism"
"States Rights is Rallying Cry of Resistance for Lawmakers"
Ford, "The New Blue Federalists"
Schattschneider, The Semi-Sovereign People, 3-18

WEEK 2

Session 1: The Stakes

READ: Robertson, Federalism and the Making of America, Chapter 1
Conlan & Posner, Intergovernmental Management for the 21st Century, 1-24
Gallup, State Ideology
Wildavsky, "Federalism Means Inequality"

Session 2: Origins

READ: LeCroix, "The Federal Idea"
Robertson, "The Policy Crisis of the 1780s"
Walker, The Rebirth of Federalism, Chapter 2

WEEK 3

Session 1: Constitution

READ: Robertson, Federalism and the Making of America, Chapter 2
James Madison, Federalist 39 and 51
Tocqueville, "Characteristics which Distinguish the Federal Constitution"

Journal 1 Due

WEEK 4

Session 1: Politics: Political Parties

READ: Robertson, Federalism and the Making of America, Chapter 3

Holbrook and La Raja "Parties and Elections"

Nownes et. al., "Interest Groups in the States"

Session 2: Constitution Day – attend presentations

READ: Conlan & Posner, Intergovernmental Management for the 21st Century, 310-337

WEEK 5

Session 1: Race, 1789-1954

READ: Robertson, Federalism and the Making of America, Chapter 4

Calhoun, "Fort Hill Address"

"The Webster-Hayne Debates"

McPherson, "The Counterevolution of 1861"

Research Topic Due

Session 2: Race, 1954-Present

READ: "The Southern Manifesto"

Katagiri, "The Mississippi State Sovereignty Commission"

Navasky, "Kennedy Justice"

"Texas finally speaks out against the poll tax"

"Under shadow of 1957, Arkansas stays out of health-care fight"

Journal 2 Due

WEEK 6

Session 1: Building Capitalism

READ: Robertson, Federalism and the Making of America, Chapter 5

Polanyi, "Market-Self-Regulation"

Weingast, "Market-Preserving Federalism"

Jackson, Veto of the National Bank, 1832

Franklin Roosevelt, Press Conference, May 31, 1935

Session 2: Building Capitalism

READ: Walker, The Rebirth of Federalism, Chapter 3

"ExpressScripts Subsidies"

"Mo. Senate chief ousts chairman blocking Ford bill"

"Even with Missouri tax breaks, Ford might not upgrade the Claycomo plant"

Testimony of Baird Webel on the Insurance Crisis

"Connecticut, 19 other states launch AIG investigations"

"For Cuomo, financial crisis is his political moment"

WEEK 7

Session 1: Progressivism

READ: Robertson, Federalism and the Making of America, Chapter 6

Fein, "Highways: State-Centered Bureaucracy"

Session 2: New Deal

READ: Robertson, Federalism and the Making of America, Chapter 7
Walker, The Rebirth of Federalism, Chapter

Journal 3 Due

WEEK 8

Session 1: Liberalism

READ: Robertson, Federalism and the Making of America, Chapter 8
Time Magazine, "The Marble-Cake Government"

Conlan & Posner, Intergovernmental Management for the 21st Century, 26-41

Session 2: Liberalism

READ: Walker, The Rebirth of Federalism, Introduction (pages 1-18) and Chapter 5
Derthick, "Crossing Thresholds"

Research Paper - Preliminary Outline and Bibliography Due

WEEK 9

Session 1: Conservatism

READ: Robertson, Federalism and the Making of America, Chapter 9
Working Group on Federalism, "The Status of Federalism in America"
Time, "The Drive to Kill Revenue Sharing"

Session 2: Conservatism

READ: Walker, The Rebirth of Federalism, Chapters 6, 10
"States March Into the Brink"
"States Working to Avert Eviction"

Journal 4 Due

WEEK 10

Session 1: Bush and Obama

READ: Krane, "The Middle Tier in American Federalism"
Dinan and Gamkhar, "The State of American Federalism, 2008-2009"
"In Turnaround, Industries Seek U.S. Regulations"

Session 2: The Courts

READ: Walker, The Rebirth of Federalism, Chapter 7
Hammer v. Dagenhart
Roe v. Wade
Massachusetts v. EPA

WEEK 11

Session 1: The Resurgent States

READ: Walker, The Rebirth of Federalism, Chapter 9
Greve, Madison Lecture
[TO BE ASSIGNED]

Session 2: Money

READ: Walker, The Rebirth of Federalism, Chapter 8

Conlan & Posner, Intergovernmental Management for the 21st Century, 42-74, 263-285
"Mo Budget cuts 040910"

Journal 5 Due

WEEK 12

Session 1: Control & Democracy

READ: Conlan & Posner, Intergovernmental Management for the 21st Century, 209-262, 286-309

Stepan, "Federalism and Democracy: Beyond the U.S. Model"

Session 2: Police and National Security

READ: Conlan & Posner, Intergovernmental Management for the 21st Century, 77-101

Economist, "Rough Justice in America"

Wood, "Arizona Immigration Bill"

"Will Arizona's Immigration Law Survive?"

WEEK 13

Session 1: Education

READ: Conlan & Posner, Intergovernmental Management for the 21st Century, 102-123

Vinovskis, "Implementing and Debating No Child Left Behind"

"Many States Adopt National Standards for Their Schools"

Session 2: Welfare

READ: Conlan & Posner, Intergovernmental Management for the 21st Century, 124-156

Urban Institute, "Assessing the New Federalism 8: Years Later"

Journal 7 Due

WEEK 14

Session 1: Health Care

READ: Nathan, "Federalism And Health Policy"

Robert Wood Johnson Foundation, "State of the States 2010"

Conlan & Posner, Intergovernmental Management for the 21st Century, 157-175

McCollum, "Constitutional Analysis of the Individual Mandate"

"Missouri Vote Puts Health Care Back in the Crosshairs"

Session 2: Environment

READ: Conlan & Posner, Intergovernmental Management for the 21st Century, 176-205

"Regional and State Interests ..."

"Bill would allow states to veto offshore drilling"

Research Paper Due

WEEK 15

Session 1: Social Issues

READ: Nossiff, "Party Politics in New York"

Session 2: Conclusion

READ: Robertson, Federalism and the Making of America, Chapter 10

Walker, The Rebirth of Federalism, Chapter 11

Conlan & Posner, Intergovernmental Management for the 21st Century, 338-351

WEEK 16: FINAL EXAM DUE at 5:00 pm

II. Environmental Policy

Dr. Zachary A. Smith

Northern Arizona University

Course Prerequisites: Graduate Standing

Course Description: This course will examine the policy making process in environmental policy in the United States and the global implications for that policy. Topics to be covered will include air and water policy, energy production and regulation, federal land policy, and problems associated with food and agricultural production. This is a central class for those doing environmental and natural resources policy.

Course Objectives: To familiarize the student with policy and the policy formation process in each of the areas indicated above and to provide students with substantive expertise necessary to analyze environmental policy proposals and the political considerations that produced those proposals and the long and short term consequences of proposals.

My Expectations: I expect that you will do all the reading prior to coming to class, that you will be an active and regular participant in class and online discussions, that you will identify your areas of weakness and independently work to seek out the information you need to strengthen those areas, that you will be curious and inquisitive and that you will work hard. This is a demanding class – although no more demanding as similar classes at the best universities in the country. You will find easier classes or classes where you don't actually have to do the reading. If that sounds attractive to you – then you don't want to be in this class. My environment grad students have enjoyed 100% placement success – because they were 100% prepared for the job market – by being their best. If that sounds good to you then I want to work with you and help you achieve your goals.

Course Structure and Approach:

There are three – related - writing requirements for the class. The first written assignment is a review essay--in the form of an annotated bibliography--on a subject of your choosing dealing with environmental or natural resources policy. This bibliography should include at least 15 books and articles and should tell the reader what the work is about (the theme etc.) and what sets it apart from other works in the field. These review essays can not be any longer than 7 double spaced pages in length and will be due at various times beginning the second week of class. You are to post your review essay to the class at least 4 days prior to the class session when you will present your essay. Students in the class are to read the essays and comment on the essay in the online platform. The author of the essay will begin his or her presentation by summarizing the comments the other students made to the author about his or her essay.

The second written assignment will be to write a research paper. Paper topics must be approved by me in advance and will be individually tailored to the professional needs of each student. Although it is not required I would expect your review essay to be a part of what becomes your research paper.

Students may choose to write a grant proposal and identify potential sources of funding using

foundation directories and grant data bases. (On a separate sheet identify a minimum of 10 possible funding sources with a sentence or two describing why you think this source would be interested in funding your research.) (Anticipate using the stuff you put into your bibliography for your grant proposal--killing two birds.) Your grant proposal will follow the guidelines you will find in Program Planning and Proposal Writing-Expanded Version available from the Grantsmanship Center. See Publications, Grantsmanship Center, PO BOX 17220, Los Angeles, CA 90017. <http://www.tgci.com> (order code XPP) - there are many excellent publications here.

For your third written assignment students will be required to write and distribute to the class one book review of a book that has been approved by me in advance (taken from the syllabus, ordinarily). This actually should not be a burdensome assignment as I suggest you use books that you also use for the review essay you will write for the class. **Your book reviews should summarize the reading, identify the authors goals and discuss the achievement of those goals, discuss the appropriateness and success of the methodology used, and compare the reading with other works in the field (this is essential if you want an "A" on your review).** Four days prior to the class session during which you will discuss your book review you should post your review in the online discussion board. This is expected to be a professional review and should be of the same quality as you find in professional journals. I will read drafts of your review if you bring them to me during office hours in hard copy double spaced. I can not read drafts of your papers but I will go over your paper outlines. If your objective in the class is to produce a paper that is worthy of publication in a professional journal let me know in advance and we will work toward that goal. Although you will not get additional credit for aiming for publication I will have higher expectations from the students who pursue this option.

Posting bibliographic essays and book reviews. **Everyone in the class is required to read the posted reviews BEFORE coming to class.** Everyone will be tested on this material on the final. The rest of the class is required to read and comment on these posted reviews before coming to the next class session, and the review writer is required to read the questions and comments posted by the other students in the class and make appropriate replies. When the class meets we will discuss the book and article reviews posted for that week.

Grading: Grades will be based on your participation, the final and papers as follows: Written assignments:33.3%; Participation 33.3%; Final Exam: 33.3%

The final exam will cover all the required reading, the review essays produced by the other members of the class and the book reviews written by the other members of the class. I suggest you keep a journal which combines and summarizes all the reading and other materials in the class – students who do this and enter all the material in their journals will have no difficulty doing well on the final.

In addition you are **required to take and read every day the *New York Times***. Each week each of you will post one question from the NYT in the discussion page (there is a place to do this for each week) and each week you will be responsible for answering two questions from those that are posted by other students (make it easy and tell us what paper date and page you get your question from). In addition you are required to COMMENT on the email posting of at LEAST one other student.

Finally reply to people who post comments to your questions. Post questions that deal with regulatory and public administration matters – but also look for questions dealing with articles on the environment and natural resources (as these often involve government and regulations). Taking and reading the NYT daily is a requirement necessary to pass the class.

Books:

Science in Environmental Policy: The Politics of Objective Advice, by Ann Campbell Keller (MIT Press, 2009)

Business and Environmental Policy: Corporate Interests in the American Political System
Edited by Michael E. Kraft and Sheldon Kamieniecki, (MIT Press, 2007)

Toward the Healthy City: People, Places, and the Politics of Urban Planning, by Jason Corburn, MIT Press 2009.

Human Footprints on the Global Environment: Threats to Sustainability
Edited by Eugene A. Rosa, Andreas Diekmann, Thomas Dietz and Carlo C. Jaeger, MIT Press 2009.

ENVIRONMENTAL POLITICS AND POLICY IN THE WEST, by Zachary A. Smith and John Freemuth (Editors) University Press of Colorado (2007).

Global Environmental Politics (5th edition) by Pamela S. Chasek, et. Al., 2010 Westview Press

The New Environmental Regulation by Daniel J. Fiorino, MIT Press, September 2006 (PAPER)

Democracy's Dilemma: Environment, Social Equity, and the Global Economy, by Robert C. Paehlke, MIT Press October 2004 (PAPER)

Zachary A. Smith, *The Environmental Policy Paradox*, 5th edition, Prentice Hall, 2009

Global Spin: The Corporate Assault on Environmentalism
by Sharon Beder 1998, Chelsea Green Publishing, chapter 1 and 2

The Path to Power by Robert A. Caro Vintage Press, Vintage; Reissue edition (February 17, 1990) Chapter 22 “The Sad Irons” pp. 502-515.

Environmental And Natural Resource Economics: A Contemporary Approach. (Harris 2005 Envl and Nat Res Econs)

Valuing the Earth: Economics Ecology, and Ethics, Harman E. Daly and Kenneth N. Townsend (editors), MIT Press 1993. Chapters 2, 3, & 17

Command of the Waters : Iron Triangles, Federal Water Development, and Indian Water
Daniel McCool University of Arizona Press, 1994. Chapter 8 (Indian Implementation)

Stone, Christopher, 'Should Trees Have Standing? Toward Legal Rights for Natural Objects,' 45 *S. Cal. L. Rev.* 450 (1972)

Sinsheimer, Robert, 1978. "The Presumptions of Science". *Daedalus* (107:2), pp. 23-36.

Daly, H. "Sustainable Growth: An Impossibility Theorem." In *Development*, 3/4 (1990): 45-47.

Harden, Garrett, 1968, "The Tragedy of the Commons", *Science*, 162: 1243-8.

Daly, H. E., and J. B. Cobb, Jr. 1989. *For the Common Good: Redirecting the Economy toward Community, the Environment and a Sustainable Future*. (pp. 35-43) Boston: Beacon Press

The National Environmental Policy Act: Judicial Misconstruction, Legislative Indifference & Executive Neglect, Matt Lindstrom and Zachary A. Smith, (College Station, TX: Texas A & M University Press, 2001). Chapters 1 and 7.

You will present your research papers the last two weeks of class. Papers are due on the day you give your presentation – usually the last day of class. Post them early if possible.

I strongly suggest you outline your reading. That will improve your discussion performance as well as assist you when preparing for the exam at the end of the semester.

The discussions in the seminar will be conducted by the students themselves under the guidance of the instructor. This will be done in several ways. Each week one or two students will be given responsibility for leading the discussion of the reading for that week -- they will be responsible for preparing discussion questions to be used in class. In addition the students responsible for that week's assignments will post two discussion questions in the online forum (these questions will begin the week before we discuss the given reading and will be different questions from those introduced in class). All students are responsible for answering the general questions posted in the online forum. In addition each student is responsible for commenting on the answers to questions provided by at least one other student -- again by posting your evaluation of your fellow student's response to all members of the class in the forum. This isn't as difficult as it sounds. If I am the leader that week I post two questions (not ones I will be using in class later). You answer them. After several class members have posted their answers you read them all and pick one to respond, comment, praise, evaluate on and post that comment to the class members.)

Weekly reading assignments.

Week One:

The Path to Power by Robert A. Caro Vintage Press, Vintage; Reissue edition (February 17, 1990) Chapter 22 “The Sad Irons” pp. 502-515. and Zachary A. Smith, *The Environmental Policy Paradox*, 5th edition, Prentice Hall, 2009, Part One and Appendix A (policy models).

Week Two:

Daly, H. E., and J. B. Cobb, Jr. 1989. *For the Common Good: Redirecting the Economy toward Community, the Environment and a Sustainable Future*. (pp. 35-43) Boston: Beacon Press; Sinsheimer, Robert, 1978. “The Presumptions of Science”. *Daedalus* (107:2), pp. 23-36.; Valuing the Earth: Economics Ecology, and Ethics, Harman E. Daly and Kenneth N. Townsend (editors), MIT Press 1993. Chapters 2, 3, & 17; Daly, H. "Sustainable Growth: An Impossibility Theorem." In *Development*, 3/4 (1990): 45-47.; Harden, Garrett, 1968, “The Tragedy of the Commons”, *Science*, 162: 1243-8.; Stone, Christopher, 'Should Trees Have Standing? Toward Legal Rights for Natural Objects,' 45 *S. Cal. L. Rev.* 450 (1972).

Week Three:

Business and Environmental Policy: Corporate Interests in the American Political System Edited by Michael E. Kraft and Sheldon Kamieniecki, (MIT Press, 2007); *Global Spin: The Corporate Assault on Environmentalism* by Sharon Beder 1998, Chelsea Green Publishing, chapter 1 and 2.

Week Four:

Zachary A. Smith, *The Environmental Policy Paradox*, 4th edition, Prentice Hall, 2004, Part Two.; *The National Environmental Policy Act: Judicial Misconstruction, Legislative Indifference & Executive Neglect*, Matt Lindstrom and Zachary A. Smith, (College Station, TX: Texas A & M University Press, 2001). Chapters 1 and 7.

Week Five:

The New Environmental Regulation by Daniel J. Fiorino, MIT Press, September 2006

Week Six:

ENVIRONMENTAL POLITICS AND POLICY IN THE WEST, by Zachary A. Smith and John Freemuth (Editors) University Press of Colorado (2007).

Week Seven:

Science in Environmental Policy: The Politics of Objective Advice, by Ann Campbell Keller (MIT Press, 2009)

Week Eight:

An Introduction to Ecological Economics (e-book) by Authors: Robert Costanza, John H. Cumberland, Herman Daly, Robert Goodland, Richard B. Norgaard, Chapter3 - which you will find here:

http://www.eoearth.org/article/An_Introduction_to_Ecological_Economics:_Chapter_3
AND *ECOLOGICAL ECONOMICS* (paper) by Stephen Farber and Dennis Bradley (available on line here: <http://www.fs.fed.us/eco/s21pre.htm>)

Week Nine:

Toward the Healthy City: People, Places, and the Politics of Urban Planning, by Jason Corburn, MIT Press 2009.

Week Ten:

King of California: J.G. Boswell and the Making of a Secret American Empire by Mark Arax and Rick Wartzman (2005 Perseus Publishing); *Command of the Waters : Iron Triangles, Federal Water Development, and Indian Water*, by Daniel McCool University of Arizona Press, 1994. Chapter 8 (Indian Implementation); and *Cadillac Desert* by Marc Reisner, Chapters 7 and 10.

Week Eleven:

Human Footprints on the Global Environment: Threats to Sustainability
Edited by Eugene A. Rosa, Andreas Diekmann, Thomas Dietz and Carlo C. Jaeger, MIT Press 2009.

Week Twelve:

Global Environmental Politics (5th edition) by Pamela S. Chasek, et. Al.

Week Thirteen:

Democracy's Dilemma: Environment, Social Equity, and the Global Economy, by Robert C. Paehlke, MIT Press October 2004.

Week Fourteen: paper Presentations and exam

The following readings have been compiled for your convenience and as a starting point for your book and other reviews. This is not a required reading list.

I. The Policy Environment in Environmental Policy

- actors, incentives, history and the policy process

Catherine Albanese, Nature Religion in America: From the Algonkian Indians to the New Age (Chicago: University of Chicago Press, 1990).

Anderson, Terry and Donald L. Leal, Free Market Environmentalism, (Pacific Research Institute, 1991).

Bacot, A. Hunter, et.al. "A Preliminary Analysis Of Environmental Management In The United States" Public administration quarterly Winter 1996 v 19 n 4 p.389

William J. Baumol & Wallace E. Oates. The Theory of Environmental Policy. Cambridge, UK: Cambridge University Press, 1988.

Bennett, Olivia, Greenwar: Environment and Conflict, (Panos Institutie, 1991.)

Bilsky, L. J., Historical Ecology: Essays on Environment and Social Change (Port Washington, NY: Kennikat Press, 1980).

Bramwell, A., Ecology in the 20th Century: A History (New Haven, Ct.: Yale University Press, 1989).

Christopher J. Bosso, Pesticides and Politics, (Pittsburgh: University of Pittsburgh Press, 1987).

Lynton K. Caldwell, "Environmental Impact Analysis: Origins, Evolutions, and Future Direction," Policy Studies Review, Vol. 8, No. 1 (Autumn 1988), pp. 75-83.

Lynton Keith Caldwell, The National Environmental Policy Act: An Agenda for the Future ISBN: 0253334446 (Indiana University Press, December 1998).

William Cronon (Editor) Uncommon Ground: Toward Reinventing Nature ISBN: 0641003846 (Norton, Ww September 1995).

Dunlap, T., Scientists, Citizens, and Public Policy (Princeton, N.J.: Princeton University Press, 1981).

Robert F. Durant, When Government Regulates Itself, (Knoxville: The University of Tennessee Press, 1985).

George C. Eads and Michael Fix, Relief or Reform, (Washington, D.C.: The Urban Institute Press, 1984).

Barbara Epstein, Political Protest and Cultural Revolution: Nonviolent Direct Action in the 1970s and 1980s (Berkeley: University of California Press, 1991).

Christopher H. Foreman, The Promise and Peril of Environmental Justice ISBN: 0815728786 (Brookings Institution Press; July 1998).

Stephen Fox (John Muir and His Legacy: The American Conservation Movement [Boston: Little, Brown, 1981]).

Gans, Herbert J., Deciding What's News: A Study of CBS Evening News, NBC Nightly News, Newsweek, and Time. NY: Vintage Books, Division of Random House, 1980.

Goudie, A., The Human Impact on the Natural Environment (Cambridge, Ma: MIT Press, 1986).

Graham, J. D., ed., Harnessing Science for Environmental Regulation (New York: Praeger, 1991).

Greve, Michael S., and Fred L. Smith, Environmental Politics, (Praeger Publishers, 1992.)

Thomas More Hoban and Richard Oliver Brooks, Green Justice: The Environment and the Courts, (Boulder: Westview, 1987).

Hadden, S. G., A Citizens Right to Know: Risk Communication and Public Policy (Boulder, CO.: Westview, 1989).

Hammit, James, Probability is All we Have: Uncertainties, Delays, and Environmental Policy Making (New York: Garland Publishing, 1990).

Herman, Edward S., Beyond Hypocrisy: Decoding the News in an Age of Propaganda, Boston, MA: South End Press, 1992.

Huth, H., Nature and the American: Three Centuries of Changing Attitudes (Lincoln: University of Nebraska Press, 1972).

Lacey, M. J., ed., Government and Environmental Politics :Essays on Historical Developments Since World War Two (Baltimore, Maryland: Johns Hopkins University Press, 1991).

Landy, M. and M. Roberts and S. Thomas, The Environmental Protection Agency: Asking the Wrong Questions (New York: Oxford University Press, 1990).

Jonathan Lash, Katherine Gillman, and David Sheridan, A Season of Spoils, (New York: Pantheon Books, 1984). (Early critique of Reagan administration.)

Philip Lowe and Jane Goyder, Environmental Groups in Politics (George Allen and Unwin, 1983), p. 15.

Luten, D. B., "Ecological Optimism in the Social Sciences," American Behavioral Scientist Vol. 24 (September/October) 1980, pp. 125-152.

Christopher Manes, Green Rage: Radical Environmentalism and the Unmaking of Civilization (Boston: Little, Brown, 1990).

Dean E. Mann, ed., Environmental Policy Formation, (Lexington: D. C. Heath and Company, 1981).

Richard D. Morgenstern, ed. Economic analyses at EPA: assessing regulatory impact. Resources For The Future. 1997.

Roderick Nash, ed., Environment and Americans, (New York: Holt, Rinehart and Winston, 1972).

Roderick F. Nash, American Environmentalism: Readings in the History of Conservation, (New York: McGraw-Hill, Inc., 1990).

Odum, H. T., Environment, Power, and Society (New York: Wiley-Interscience, 1971).

Paehlke, Robert and Douglas Torgerson, eds., Managing Leviathan: Environmental Politics and the Administrative State (Peterborough, Ontario: Broadview, 1990).

Paehlke, Robert, Environmentalism and the Future of Progressive Politics (New Haven: Yale University Press, 1989).

Passmore, J., Man's Responsibility for Nature: Ecological Problems and Western Traditions (New York: Charles Scribners' Sons, 1974).

Mark R. Powell, Science at EPA: Information in the Regulatory Process ISBN: 1891853007 (Resources for the Future, September 1999).

Paul R. Portney and Robert N. Stavins. eds. Public Policies for Environmental Protection. Washington, DC: Resources for the Future, 2000.

Susan Rose-Ackerman, Controlling environmental policy : the limits of public law in Germany and the United States (New Haven : Yale University Press, 1995).

Jerome C. Rose, ed., Legal Foundations of Environmental Planning, (New Brunswick: Center for Urban Policy Research, 1974).

Scarce, R., Eco-Warriors: Understanding the Radical Environmental Movement (Chicago: Noble Press, 1990).

Victor Scheffer, The Shaping of Environmentalism in America (Seattle: University of Washington Press, 1991).

Thomas Schoenbaum and Ronald Rosenberg, Environmental Policy Law, 2nd. ed. (Westbury, NY.: Foundation Press, 1991), ch. 5.

V. Kerry Smith, ed., Scarcity and Growth Reconsidered, (Washington, D. C.: Resources for the Future, 1979).

V. Kerry Smith, "A Theoretical Analysis of the Green Lobby," American Political Science Review 79 (1984), pp. 137-47.

Zachary Smith, "Management Options During Periods of Fiscal Constraint: Mobilizing Interest Groups" in Policy Studies Review, Vol. 7 No. 2 (November 1987).

Thomas Sterner. Policy Instruments for Environmental and Natural Resource Management. Washington, DC: Resources for the Future, 2003.

Christopher D. Stone, Should Trees Have Legal Standing, (Los Altos: William Kaufmann, Inc., 1974)

Douglas Strong, Dreamers and Defenders: American Conservationists (Lincoln: University of Nebraska Press, 1988).

Serge Taylor, Making Bureaucracies Think, (Stanford: Stanford University Press, 1984).

Tolba, M.K., Saving Our Planet, (Chapman and Hall, 1992).

Trzyna, Thaddeus, World Directory of Environmental Organizations, (California Institute of Public Affairs, the Sierra Club, and the International Union for Conservation of Nature and Natural Resources, 1992).

Vayda, A. P., ed. Environment and Cultural Behavior: Ecological Studies in Cultural Anthropology (Garden City, N.Y.: Natural History Press).

Weiner, D. R., Models of Nature: Conservation, Ecology, and Cultural Revolution (Bloomington: Indiana University Press, 1988).

Lettie Wenner, One Environment Under Law (Pacific Palisades, CA: Goodyear, 1976), Chs. 4 and 5.

Wise, Charles and Rosemary O'Leary, "Intergovernmental Relations and Federalism in Environmental Management and Policy: The Role of the Courts" Public Administration Review MAR 01 1997 v 57 n 2 p.150

Worster, D., ed., The Ends of Earth: Peerspectives on Modern Environmental History (New York: Cambridge University Press, 1988).

Bruce Yandle, The Political Limits of Environmental Regulations, (New York: Quorum Books, 1989).

Yearley, Steven, The Green Case, (Unwin Hyman Academic, 1991).

Oran R. Young, Natural Resources and the State, (Berkeley: University of California Press, 1981).

II. Ecology and Common Pool Resource Management Problems

[the common pool problem and implications for environmental policy. Models of environmental control (e.g. markets vs. control and command enforcement) and the relationship between ecology, economics and environmental policy.]

Bennett, J. W., The Ecological Transition: Cultural Anthropology and Human Adaptation (Elmsford, N.Y.: Pergamon, 1976).

Kenneth Boulding, "Economics as a Moral Science", Vol. 59 American Economic Review (March 1969).

Kenneth Boulding, "The Economics of the Coming Spaceship Earth", in Herman Daly, Economics, Ecology, Ethics also in Environmental Quality in a Growing Economy, (Johns Hopkins, 1966).

Bromley, Daniel W., Making the Commons Work, (ICS Press, 1992).

Butzer, K. W., Early Hydraulic Civilization in Egypt: A Study in Cultural Ecology (Chicago: University of Chicago Press, 1976).

Cairncross, Frances, Costing the Earth, (Harvard Business School Press, 1992).

Costanza, Robert, Ecological Economics, (Columbia University Press, 1991).

Daly, H.E. and J. Cobb, For the Common Good: Redirecting the Economy Toward the Community the Environment and a Sustainable Future (Boston: Beacon Press, 1989).

Bill Devall and George Sessions, Deep Ecology: Living as if Nature Mattered ISBN: 0879052473 (Gibbs Smith: November 1986).

Robert Dorfman and Nancy S. Dorfman, eds., Economics of the Environment, (New York: W. W. Norton and Company, Inc., 1972).

Paul B. Downing, Environmental Economics and Policy, (Boston: Little, Brown and Company, 1984).

Fosberg, F. R., ed. Man's Place in the Island Ecosystem (Honolulu: Bishop Museum, 1963).

A. Myrick Freeman III, Robert H. Haveman and Allen V. Kneese, The Economics of Environmental Policy, (New York: John Wiley and Sons, Inc., 1973).

Gaskins, R. H., Environmental Accidents: Personal Injury and Public Responsibility (Philadelphia: Temple University Press, 1989).

Geertz, C., Agricultural Involution: The Process of Ecological Change in Indonesia (Berkeley and Los Angeles: University of California Press, 1971).

David Goetze, "Identifying Appropriate Institutions for Efficient use of Common Pools," Natural Resources Journal, Vol. 27, No. 1, (Winter 1987), pp. 187-200.

Kent Gilbreath, ed., Business and the Environment, (Washington, D.C.: The Conservation Foundation, 1984).

Hall Ross Hulme, Health and the Global Environment, (Polity Press, 1990).

Hahn, R. and G. Hester, "Marketable Permits: Lessons for Theory and Practice," Ecology Law Quarterly Vol. 16 (1989), pp. 361-406.

Ann L. Hiskes and Richard P. Hiskes, Science, Technology, and Policy Decisions, (Boulder: Westview Press, 1986).

Charles Howe, "A Project Benefits and Costs from National and Regional Viewpoints," Natural Resources Journal, Vol. 27, No., (Winter 1987), pp. 5-20.

Johnston, R.J., Environmental Problems: Nature, Economy, and State, (Bellhaven Press, 1989).

MacNeill, Jim, Beyond Interdependence, The Meshing of the World's Economy and the Earth's Ecology, (Institute for Research on Public Policy, 1991).

Martinez-Alier, J., Ecological Economics: Energy, Environment, and Society (New York: Basil Blackwell, 1987).

McNeil, W. H., The Human Condition: An Ecological Perspective (Princeton, N.J.: Princeton University Press, 1980).

Mulvaney, D. J. and J. Golson, eds., Aboriginal Man and the Environment (Canberra: Australian National University Press, 1971).

Olwig, Kenneth, Nature's Ideological Landscape (London: George Allen and Unwin, 1984).

William Ophuls, Ecology and the Politics of Scarcity, (San Francisco: W. H. Freeman and Company, 1977).

Ostrom, Elinor, Governing the Commons: The Evolution of Institutions for Collective Action New York: Cambridge University Press, 1991).

Powell, J. M., Environmental Management in Australia, 1788-1914 (Melbourne: Oxford University Press, 1976).

Rees, Judith, Natural Resources: Allocation, Economics and Policy (Routledge, 1990).

Nicholas Georgescu-Roegen, "The Entropy Law and the Economic Problem", in Herman Daly, Economics, Ecology, Ethics.

Mark Sagoff, "Economic Theory and Environmental Law", Vol. 79 Michigan Law Review (June 1981).

Schramm, Gunther, and Warford, Jeremy J., eds. Environmental Management and Economic Development (Baltimore and London: Johns Hopkins University Press, 1989).

Paul Shepard, Man in the Landscape (College Station: Texas A&M Press, 1991).

Robert Sinsheimer, "The Presumptions of Science", in Herman Daly, Economics, Ecology, Ethics

Taylor, P. W., Respect for Nature: A Theory of Environmental Ethics (Princeton, N.J.: Princeton University Press, 1986).

John Verger, Restoring the Earth (New York: Alfred Knopf, 1985).

Walter Westman, "How Much are Nature's Services Worth", Science, Vol. 197. (Sept. 2, 1977), pp. 961-964.

Wilkinson, R. G., Poverty and Progress: An Ecological Perspective on Economic Development (New York: Praeger, 1973).

III. Energy Policy

Dudley J. Burton, The Governance of Energy, (New York: Praeger Publishers, 1980).

Campbell, Heather E. "The Politics of Requesting: Strategic Behavior and Public Utility Regulation" Journal of policy analysis and management Summer 1996 v 15 n 3 p.395

Bruce Clary and Michael Kraft, "Impact Assessment and Policy Failure: The Nuclear Waste Policy Act of 1982," Policy Studies Review, Vol 8, No. 1 (Autumn 1988), pp. 105-115.

Congressional Quarterly, Energy Issues, (USA: Congressional Quarterly, Inc., 1982).

Congressional Quarterly, Energy & Environment, (Washington, D. C.: Congressional Quarterly, 1985).

Copp, E. A., Regulating Competition in Oil: Government in the U.S. Refining Industry 1948-1975 (College Station: Texas A & M University Press, 1976).

Joel Darmstadter, Hans H. Landsberg, Herbert C. Morton with Michael CJ. Coda, Energy Today and Tomorrow, (Englewood Cliffs: Prentice Hall, 1983).

David Howard Davis, Energy Politics, (New York: St. Martin's Press, 1982).

Martin D. Ecker, M. D., and Norton J. Bramesco, Radiation, (New York: Random House, 1981).

"Energy" in The Conservation Foundation, State of the Environment: A View Toward the Nineties, (Washington, D.C.: Conservation Foundation, 1987), pp. 234-256.

Daniel Ford, The Cult of the Atom, (New York: Simon and Schuster, 1984).

Philip L. Fradkin, Fallout: An American Nuclear Tragedy, (Tucson: University of Arizona Press, 1989). (Colorado Plateau experience)

John Gever, et. al., Beyond Oil

Louis J. Goodman and Ralph N. Love, eds., Biomass Energy Projects, (New York: Pergamon Press, 1981). (Pacific rim case studies.)

Grubb, Michael, et al., Energy Policies and the Greenhouse Effect, vol. 2, (Dartmouth Publisher, 1991).

Hazel Henderson, The Politics of the Solar Age, (Garden City: Anchor Press/Doubleday, 1981).

Krause, Florintin, et al., Energy Policy in the Greenhouse, (New York: Wiley, 1991).

- Medvedev, Grigori, The Truth About Chernobyl (Basic Books, 1991).
- Medvedev, Zhores, The Legacy of Chernobyl (Norton Publishers, 1990).
- C. H. Montange, "Federal Nuclear Waste Disposal Policy," Natural Resources Journal, Vol 27, No. 2, (Spring 1987), pp. 309-408.
- Nash, G. D., U.S. Oil Policy 1890-1964 (Pittsburgh, Pa.: University of Pittsburgh Press, 1968).
- Park, Chris C., Chernobyl, the Long Shadow (New York: Routledge, Chapman & Hall, 1989).
- Pietro S. Nivola, The Politics of Energy Conservation, (Washington, D. C.: The Brookings Institute, 1986).
- Raye C. Ringholz, Uranium Frenzy: Boom and Bust on the Colorado Plateau, (New York: W.W. Norton, 1989).
- Gerry Riposa, "After Reagan's Deregulation: State Federal Conflict Over Energy Policy," Policy Studies Reviews, Vol. 8, No. 1, (Autumn 1988), pp. 36-54.
- Rister, C. C., Oil: Titan of the Southwest (Norman: University of Oklahoma Press, 1949).
- Walter A. Rosenbaum, Energy, Politics and Public Policy, Washington, D. C.: Congressional Quarterly, Inc., 1981).
- Sampson, A., The Seven Sisters: The Great oil Companies and the World They Have Shaped (New York: Viking Press, 1975).
- Vaclav Smil. Energy at the Crossroads. Cambridge: MIT Press, 2003.
- Smith, D. A., Mining America: The Industry and the Environment, 1800-1980 (Lawrence: University of Kansas Press, 1980).
- Richard Stoffle and Michael Evans, "American Indians and Nuclear Waste Storage: The Debate at Yucca Mountain, Nevada," Policy Studies Journal, Vol. 16, No. 4, (Summer 1988), pp. 751-767.
- Richard Sylves, "Nuclear Power Plants and Emergency Planning", Public Administration Review, Sept/Oct 1984, p. 393.
- Robert Stobaugh and Daniel Yergin, eds., Energy Future, (New York: Vintage Books, 1983).

Tyner, W. E. and Kalter, R. J., Western Coal: Promise or Problem (Lexington, Ma: Lexington Books, 1978).

Vietor, R. H. K., Environmental Politics and the Coal Coalition (College Station: Texas A & M University Press, 1980).

Westing, Arthur H., ed. Environmental Hazards of War: Releasing Dangerous Forces in an Industrialized World (Newbury Park, CA: Sage Publications, 1990).

Williamson, H. F., R. L. Andreano, A. R. Daum and G. C. Klose, The American Petroleum Industry (Evanston: University of Illinois Press, 1959-1963).

Dorothy Zinberg, ed., Uncertain Power, (New York: Pergamon Press, Inc., 1983).

IV. Air

"Air Pollution", Current History, Vol. 59, No. 387 (July 1970), p. 18-49.

"Air Quality" in The Conservation Foundation, State of the Environment: A View Toward the Nineties, (Washington, D.C.: Conservation Foundation, 1987), pp. 54-86.

Benedick, R. E., Ozone Diplomacy: New Directions in Safeguarding the Planet (Cambridge Mass.: Harvard University Press, 1991).

Brimblecombe, P., The Big Smoke: A History of Air Pollution in London since Medieval Times (London: Methuen, 1987).

Bryner, Gary C., Blue Skies, Green Politics - The Clean Air Act of 1990, (CQ Press, 1992).

Churchill, R., and D. Freestone, International Law and Global Climate Change, (Kluwer Academic Publishers Group, 1991).

Cline, William R., The Economics of Global Warming, (Institute for International Economics, 1992).

Cline, William R., Global Warming: The Benefits of Emission Abatement, (OECD Publishing, 1992).

Cline, William R., Global Warming The Economic Stakes, (Institute for International Economics, 1992).

David D. Doniger, "Politics of the Ozone Layer", Issues in Science and Technology, Vol. 4 (Spring 1988), p. 86.

Elsom, Derek M., Atmospheric Pollution-A Global Problem, (Blackwell Publisher, 1992).

Firor, John, The Changing Atmosphere: A Global Challenge (Yale University Press, 1990).

Fishman, Jack, and Kalish, Robert, Global Alert: The Ozone Pollution Crisis (Plenum, 1990).

Ross Gelbspan The Heat Is On: The Climate Crisis, the Cover-up, the Prescription ISBN: 0738200255 (Perseus Books September 1998).

"Global Climate Change and Public Policy," Symposium edited by David Feldman and Dean Mann, Policy Studies Journal Vol. 19 No. 2 (Spring 1991), pp. 43-162.

Grubb, Michael, Energy Policies and the Greenhouse Effect, Volume I: Policy Appraisal (Brookfield, VT: Dartmouth Publishing Company, 1990).

Grubb, Michael, ed. Energy Policies and the Greenhouse Effect, Volume II: Country Studies & Technical Options (Brookfield, VT: Dartmouth Publishing Company, 1991).

Robert W. Hahn, "Trade-Offs in Designing Markets with Multiple Objectives", Journal of Environmental Economics and Management, Vol. 13, (March 1986), p. 1, 7.

Robert W. Hahn and Gordon L. Hester, "The Market for Bads: EPA's Experience with Emission's Trading", Regulation, No. 3-4 (1987), p. 48.

Robert W. Hahn, "Innovative Approaches for Revising the Clean Air Act," Natural Resources Journal, Vol. 28, No. 1, (Winter 1988), pp. 191-188.

Hayes, Peter and Kirk Smith, The Global Greenhouse Regime, (Earthscan, 1992).

Archie M. Kahan, Acid Rain: Reign of Controversy, (Golden: Fulcrum Incorporated, 1986).

Allen V. Kneese, Measuring the Benefits of Clean Air and Water, (Washington, D. C.: Resources for the Future, 1984).

Lester B. Lave and Eugene P. Seskin, Air Pollution in Human Health, (Baltimore: John's Hopkins University Press, 1977).

Manne, Alan and Richard Richels, Buying Greenhouse Insurance: The Economic Costs of CO₂ Emission Limits, (MIT Press, 1992).

Toni Marzotto et.al. Cars and the Environment : The Evolution of Public Policy ISBN: 1555878822 (Lynne Rienner Publishers, October 1999).

National Research Council, Ozone Depletion, Greenhouse Gases, and Climate Change (Washington, DC: National Academy Press, 1989).

"On the Regulation of Toxic Air Pollutants: A Critical Review discussion papers," Journal of the Air Pollution Control Association, Vol. 36 (1989), p. 990.

Peters, Robert L. and Thomas E. Lovejoy, Global Warming and Biological Diversity, (Yale University Press, 1992).

Sandra Postel, "Air Pollution, Acid Rain, and the Future of the Forest", American Forests, Vol. 90 (October 1984), p. 35.

James L. Regens and Robert W. Rycroft, The Acid Rain Controversy, (Pittsburgh: University of Pittsburgh Press, 1988).

W. David Slawson, "The Right to Protection from Air Pollution", Southern California Law Review, Vol. 59 (May 1986), p. 672.

Thomas G. Spiro and William M. Stigliani, Environmental Issues in Chemical Perspective, (Albany: State University of New York Press, 1980).

Thompson, Peter and John Wiley, Global Warming: The Debate, (Chichester, 1992).

Isaac Turiel, Indoor Air Quality and Human Health, (Stanford: Stanford University Press 1985).

U.S. Congress, Office of Technology Assessment, Acid Rain and Transported Air Pollutants: Implications for Public Policy, (Washington, D.C.: U.S. Government Printing Office, 1984).

Wyman, Richard, Global Climate Change and Life on Earth (New York: Chapman and Hall, 1991).

V. Water Policy

Terry L. Anderson, Water Crisis: Ending the Policy Draught, (Baltimore: The John Hopkins University Press, 1983).

- Ashworth, William, Nor Any Drop To Drink, (New York: Summit Books, 1982).
- Ashworth, W., The Late Great Lakes: An Environmental History (New York: Knopf, 1986).
- Joseph S. Bain, Richard E. Caves, and Julius Margolis, Northern California's Water Industry, (Baltimore: Johns Hopkins University Press, 1966).
- Blake, N. M., Land into Water - Water into Land: A History of Water Management in Florida (Tallahassee: University Presses of Florida, 1980).
- Blake, N. M., Water for the Cities: A History of the Urban Water Supply Problem in the United States (Syracuse, N.Y.: Syracuse University Press, 1956).
- Robert Boyle et. al. The Water Hustlers, (San Francisco: Sierra Club Books, 1971).
- Lloyd Burton, "Negotiating the Clean up of Toxic Groundwater Contamination," Natural Resources Journal, Vol. 28, No. 1, (Winter 1988), pp. 105-144.
- Chasan, Daniel Jack, The Water Link (Seattle: University of Washington Press, 1981).
- Council of State Governments, State Water Quality Planning Issues, (Lexington, Kentucky: Council of State Governments, 1982).
- Davidson, B. R., Australia, Wet or Dry? The Physical and Economic Limits to the Expansion of Irrigation (Kingsgrove, NSW: Melbourne University Press, 1969).
- Charles T. DuMars, New Challenges to Western Water Law, Symposium in the Natural Resources Journal, Vol. 29, No. 2 (Spring 1989). (12 articles)
- DuMars, C. T., O'Leary, M. and Ulton, A. E., Pueblo Indian Water Rights: Struggle for a Precious Resource (Tucson: University of Arizona Press, 1984).
- DuMars, Charles T. "Public Policy Considerations in State Water Allocations and Management" Rocky mountain mineral law institute : [proceedings] 1996 y 1996 n 42nd p.24
- Ernest A. Engelbert and Ann Foley Scheuring, eds., Competition for California Water, (Berkeley: University of California Press, 1982).
- David Lewis Feldman, Water Resources Management: In Search of an Environmental Ethic (Baltimore, Maryland: Johns Hopkins University Press, 1991).

Kenneth D. Frederick and James C. Hanson, Water for Western Agriculture, (Washington, D.C.: Resources for the Future, 1982).

Wendy Gordon, A Citizen's Handbook on Groundwater Protection, (New York: Natural Resources Defense Council, Inc., 1984).

Robert Gottlieb, A Life of its Own: The Politics and Power of Water, (New York: Harcourt Brace Jovanovich, 1988).

Robert Gottlieb, and Margaret FitzSimmons, Thirst for Growth: Water Agencies as Hidden Government in California (Tucson: University of Arizona Press, 1991).

Green, D., Land of the Under-Ground Rain: Irrigation of the Texas High Plains 1910-1970 (Austin; University of Texas Press, 1973).

L. M. Hartman and Don Seastone, Water Transfers: Economic Efficiency and Alternative Institutions, (Johns Hopkins University Press: Baltimore, 1970).

Hollon, W. E., The Great American Desert Then and Now (Lincoln: University of Nebraska Press, 1966).

Hundley, N., Water and the West: The Colorado River Compact and the Politics of Water in the American West (Berkeley and Los Angeles: University of California Press, 1975).

Hundley, N. J., Dividing the Waters: A Century of Controversy between the United States and Mexico (Berkeley: University of California Press, 1966).

Susan Hunter and Richard W. Waterman, Enforcing the law : the case of the Clean Water Acts (Armonk, N.Y. : M.E. Sharpe, 1996)

Kahrl, W. L., Water and Power: The Conflict over Los Angeles' Water Supply in the Owens Valley (Berkeley: University of California Press, 1981).

Maurice Kelso, et. al., Water Supplies and Economic Growth in an Arid Environment: An Arizona Case Study, (Tucson: University of Arizona Press, 1973).

Allen V. Kneese, Measuring the Benefits of Clean Air and Water, (Washington, D. C.: Resources for the Future, 1984).

Kroeber, C. B., Man, Land and Water: Mexico's Farmlands Irrigation Polices, 1885-1911 (Berkeley: University of California Press, 1983).

John V. Krutilla, The Columbia River Tready: The Economics of an International River Basin Development, (Johns Hopkins University Press: Baltimore, 1967).

Harvey Lieber, "Water Pollution", Current History, July 1970, p. 26.

Sylvia Liu, "American Indian Reserved Water Rights: the Federal Obligation to Protect Tribal Water Resources and Tribal Autonomy," Environmental Law Vol.25, No.2 (Spring 1995), p.425.

Arthur Maass, Muddy Waters, (Cambridge: Harvard University Press, 1951).

Martin, R., A Story That Stands Like a Dam: Glen Canyon and the Struggle for the Soul of the West (New York: Henry Holt, 1989).

William E. Martin, et. al., Saving Water in a Desert City, (Washington D.C.: Resources For The Future, 1984).

Daniel McCool, Command of the Waters, (Berkeley: University of California Press, 1987).

Meyer, M. C., Water in the Hispanic Southwest: A Social and Legal History 1550-1850 (Tucson: University of Arizona Press, 1984).

Ted L. Napier, Donald Scott, K. William Easter, and Raymond Supalla, eds., Water Resources Research: Problems and Potentials for Agriculture and Rural Communities, (Ankeny: Soil Conservation Society of America, 1983).

John C. Pierce and Nicholas P. Loverich, Jr., Water Resources, Democracy and the Technical Information Quandary, (Millwood: Associated Faculty Press, Inc., 1986).

Pisani, D. J., From the Family Farm to Agribusiness: The Irrigation Crusade in California and the West, 1850-1931 (Berkeley; University of California Press, 1984).

Fred Powledge, Water: The Nature, Uses, and Future of Our Most Precious and Abused Resource, (New York: 1982).

Veronica Pye, Ruth Patrick, and John Quarles, Groundwater Contamination in the U. S., (Philadelphia: University of Pennsylvania Press, 1983). (Use as a reference only.)

Marc Reisner, Cadillac Desert: The American West and Its Disappearing Water (New York: Viking, 1986).

B. C. Saliba et. al., "Do Water Market Prices Appropriately Measure Water Values?", Natural Resources Journal, Vol 27, No. 3, (Summer 1987), pp. 617-652.

Saunders, Margot "The Safe Drinking Water Act--Dilemmas for the Poor" Clearinghouse review APR 01 1993 v 26 n 12, p.1587

Scarpino, P. V., Great River: An Environmental History of the Upper Mississippi 1890-1950 (Columbia: University of Missouri Press, 1985).

Sierra Club, Posions in The Water, Natural Heratige Report No. 5, (San Francisco: Sierra Club, 1982).

Smith, Karen L., The Magnificent Experiment: Building the Salt River Reclamation Project 1890-1917 (Tucson: University of Arizona Press, 1986).

Zachary Smith, Groundwater in the West (San Diego: Academic Press, 1989).

Zachary Smith, ed., Water and the Future of the Southwest (Albuquerque: University of New Mexico Press, 1989).

Zachary Smith, Groundwater Policy in the Southwest (El Paso: Texas Western Press, 1985).

Zachary Smith, Interest Group Interaction and Groundwater Policy Formation in the Southwest (Maryland: University Press of America, 1984).

Zachary Smith, "Centralized Decisionmaking in the Administration of Groundwater Rights: The Experience of Arizona, California and New Mexico and Suggestions for the Future." Natural Resources Journal, Vol. 24, p. 641 (July 1984).

Zachary Smith, "Rewriting California Groundwater Law: Past Attempts and Prerequisites to Reform," California Western Law Review, Vol. 20, No. 2, p. 223 (1984).

Zachary Smith, "Interstate and International Competition for Water Resources," Water Resources Bulletin, Vol. 23, No. 5 (October 1987).

Zachary Smith, "Competition for Water Resources: Issues in Federalism," Journal of Land Use and Environmental Law, Vol. 2, No. 2 (Spring 1987).

Zachary Smith, "Stability Amid Change in Federal-State Water Relations," Capital University Law Review, Vol. 15, No. 3 (Spring 1986).

Zachary Smith, "Federal Intervention in the Management of Groundwater Resources," Publius: The Journal of Federalism, Vol. 15, No. 1, p. 145 (Winter 1985).

Frank J. Trelease, Water Law: Cases and Materials 3rd edition, (St. Paul: West Publishing, 1979). (Use as a reference only although chapter one provides a good legal summary that could be the basis of a weekly report.)

Waggoner, Paul, ed., Climate Change and U.S. Water Resources (New York: Wiley and Sons, 1990).

Walton, John, Western Times and Water Wars: State Culture and Rebellion in California (Berkeley and Los Angeles: University of California Press, 1992).

Warne, William, The Bureau of Reclamation (New York: Praeger, 1973).

Warriner, G. Keith et al "Public Participation in Watershed Management: A Comparative Analysis," Canadian water resources journal OCT 01 1996 v 21 n 3, p. 253

"Water Quality" in The Conservation Foundation, State of the Environment: A View Toward the Nineties, (Washington, D.C.: Conservation Foundation, 1987), pp. 87-105.

Worster, Donald, Rivers of Empire: Water, Aridity and the American West (New York: Pantheon, 1985).

Peter Yeager, The Limits of Law: The Public Regulation of Private Pollution (Cambridge:Cambridge University Press, 1991).

VI. International Environmental Management

Adams, W. M., Green Development: Sustainability in the Third World (Routledge, 1990).

Mikael Skou Andersen and Duncan Liefferink (Editors) European Environmental Policy : The Pioneers ISBN: 071905043X (St. Martin's Press, Inc, August 1997).

Angell, David J.R., Justyn D. Comer, and Matthew L.N. Wilkinson, Sustaining Earth: Response to International Threats, (St. Martins, 1991).

Anne M. Blackburn, Pieces of the Global Puzzle, (Golden: Fulcrum, 1986).

Barrett, Brendan F. D., and Therivel, Riki, Environmental Policy and Impact Assessment in Japan (Routledge, 1991).

Benedick, R. E., Ozone Diplomacy: New Directions in Safeguarding the Planet (Cambridge Mass.: Harvard University Press, 1991).

Bennet, Graham, Dilemmas, (World Wide Fund for Nature, 1992).

Biswas, Asit K., Khoshoo T. N., and Khosla, Ashok, ed. Environmental Modelling for Developing Countries (London and New York: Tycooly Publishing, 1990).

Boardman, Robert, Canadian Environmental Policy, (Oxford University Press, 1992).

Fredric Bolotin, (ed.) International Public Policy Sourcebook: Vol II: Education and Environment, (New York: Greenwood Press, 1989).

Boyer, Mark A., International Cooperation and Public Goods, (Johns Hopkins University Press, 1992).

Brown, Emerson and Stoneman, Resources and the Environment: a Socialist Perspective, (for class presentation see chapters 4, 9 and 10).

Bunker, S. G., Underdeveloping the Amazon: Extraction, Unequal Exchange, and the Failure of the Modern State (Urbana: University of Illinois Press, 1985).

Cairncross, Frances, Costing the Earth, (Harvard Business School Press, 1992).

Caldwell, Lynton Keith, Between Two Worlds: Science, the Environment Movement, and Policy Choice (Cambridge University Press, 1990).

Carley, Michael and Ian Christie, Managing Sustainable Development, (Earthscan, 1992).

Carroll, John E., ed., International Environmental Diplomacy (New York: Cambridge University Press, 1988).

Wilson Clarke and Jake Page, Energy, Vulnerability, and War, (New York: W. W. Norton and Company, Inc., 1981).

Cohen, Mark Nathan, Health and the Rise of Civilization (New Haven, CT: Yale University Press, 1989).

"Cultural Dimensions of Environmental Problems", in Kenneth Watt et. al., The Unsteady State, (Honolulu: University of Hawaii Press, 1977).

Joan DeBardeleben, The Environment and Marxism-Leninism, (Boulder: Westview Press, inc., 1985).

Raymond Dominick, "The Roots of the Green Movement in the United States and West Germany," Environmental Review, Vol. 12, No. 3, (Fall 1988), pp. 1-30.

Charles T. DuMars and Salvador Beltran del Rio. M., "The Air and Water Quality Laws of Mexico," Natural Resources Journal, Vol. 28, No. 4, (Fall 1988) pp. 787-814.

David Drakakis-Smith, "Third World Cities: Sustainable Urban Development,1" Urban Studies, Vol 32 No. 4-5, (1995), pp. 659-677.

Paul R. Ehrlich, Carl Sagan, Donald Kennedy, and Walter Orr Roberts, The Cold and the Dark: The World After Nuclear War, (New York: W. W. Norton and Company, 1984).

Goodman, Dabid and Michael Redclift, Environment and Development in Latin America, (St. Martin's Press, 1991).

Gosovic, Branislav, The Quest for World Environmental Cooperation, (New York: Routledge, 1992).

Raymond Hill, "Problems and Policy for Pesticide Exports to Less Developed Countries," Natural Resources Journal, Vol, 20, No. 4, (Fall 1988), pp. 699-720.

Holmberg, Johan, policies for a Small Planet, (International Institute for Environment and Development, 1992).

Hurrell, Andrew and Benedict Kingsbury, eds., The International Politics of the Environment, (Clarendon Press, 1992).

Hurrell, Andrew and Benedict Kingsbury, eds., The International Politics of the Environment, Actors, Interests, and Institutions, (Oxford University Press, 1992).

Harold K. Jacobson, Networks of Interdependence: International Organizations and the Global Political System, (Second Edition), (New York: Alfred A. Knoph, 1984).

Barbara Jancar-Webster, Environmental Action in Eastern Europe (Armonk, New York: M.E. Sharp, 1993).

Johnson, Stanley P., and Corcelle, Guy, The Environmental Policy of the European Communities (Lancaster, England: Kluwer Academic Publishers, 1989).

Jones, E. L., The European Miracle: Environments, Economies, and Geopolitics in the History of Europe and Asia (Cambridge: Cambridge University Press, 1987).

Philip Hirsch and Carol Warren (Editors), The Politics of Environment in Southeast Asia : Resources and Resistance ISBN: 0415172993 (Routledge, June 1998).

Barbara Hogenboom, Mexico and the NAFTA Environment Debate: The Transnational Politics of Economic Integration ISBN: 9057270145 (Paul and Company Publishers Consortium, September 1998).

David A. Kay and Eugene B. Skolnikoff, eds., World Eco-Crisis, (Madison: University of Wisconsin Press, 1972).

DeBardleben, ed., To Breathe Free: Eastern Europe's Environmental Crisis (Baltimore, Maryland: Johns Hopkins University Press, 1991).

Kelly, Stunkel and Wescott, "The Politics of the Environment: U.S., USSR and Japan," in Milbrath and Incho, The Politics of Environmental Policy.

Kemp, D. D., Global Environmental Issues: A Climatological Approach, (New York: Routledge, Chapman and Hall, 1990).

King, Alexander and Bertrand Schneider, Club of Rome Report: The First Global Revolution, (Council of the Club of Rome, 1991).

MacNeill, Jim, Beyond Interdependence, The Meshing of the World's Economy and the Earth's Ecology, (Institute for Research on Public Policy, 1991).

Jerry Mander and Edward Goldsmith (Editors) The Case against the Global Economy, The: And for a Turn toward the Local ISBN: 0871568659 (Sierra Club Books; August 1997)

Mathews, J. T., ed., Preserving the Global Environment: The Challenge of Shared Leadership (New York: Norton, 1991).

McCormic, John, Reclaiming Paradise: The Global Environmental Movement (Bloomington: Indiana University Press, 1989).

Muñoz, Heraldo, Environment and Diplomacy in the Americas, (Lynne Rienner Publisher, 1992).

Muny, Ian, "Eco-Tourism or Ego-Tourism," Race and Class, Vol36 No. 1 (1994), pp. 49-60.

Ostrom, Elinor, Governing the Commons: The Evolution of Institutions for Collective Action New York: Cambridge University Press, 1991).

Pearce, David, ed. Blueprint 2: Greening the World Economy (London: Earthscan Publications, 1990).

Pearce, David, Barbier, Edward, and Markandya, Anil, Sustainable Development: Economics and Environment in the Third World (London: Earthscan Publications, 1990).

Pereira, Winin, and Jeremy Seabrook, Asking the Earth: Farms, Forestry and Survival in India (London: Earthscan Publications, 1991).

Pierce, John C., Public Knowledge and Environmental Politics in Japan and the U.S. (1989).

Dennis Pirages, The New Context for International Relations Global Ecopolitics, (North Scituate: Duxbury Press, 1978).

Dennis Pirages, Global Technopolitics, (Belmont: Brooks/Cole Publishing Company, 1989).

Poffenberger, Mark, Keepers of the Forest: Land Management Alternatives in Southeast Asia (West Hartford, CT: Kumarian Press, 1990).

Jonathan Porritt, Seeing Green, (New York: Basil Blackwell, Inc., 1985). (The green movement in Britain.)

Porritt, Jonathon and Dorling Kindersley, Save the Earth, (London, 1991).

Porter, Gareth and Janet Welsh Brown, Global Environmental Politics, (Westview Press, 1991).

Powell, J. M., Environmental Management in Australia, 1788-1914 (Melbourne: Oxford University Press, 1976).

Ramphal, Shridath, Our Country, the Planet, (Island Press, 1992).

Report of the Independent Commission on International Development Issues, North-South: A Programme for Survival, (Cambridge: The MIT Press, 1982).

Richards, J. F., "World Environmental History and Economic Development" in Sustainable Development of the Biosphere eds W. C. Clark and R. E. Munn 53-74 (Cambridge: Cambridge University Press, 1986).

Jacques G. Richardson, ed., Managing the Ocean, (Mt. Airy: Lomond Publications, Inc., 1985).

Rifkin, Jeremy, Biosphere Politics, (Harper Collins, 1991).

Schmidheiny, Stephan, Changing Course: A Global Business Perspective on Development and the Environment, (MIT Press, 1992).

Schnaiberg, A., The Environment: From Surplus to Scarcity (New York: Oxford University Press, 1980).

B. Shaw et. al. "The Global Environment: A Proposal to Eliminate Marine Oil Pollution," Natural Resources Journal, Vol. 27, No. 1, (Winter 1987) pp. 157-186.

Marvin Soroos, "The International Commons: A Historical Perspective," Environmental Review, Vol. 12, No. 1, (Spring 1988), pp. 1-22.

Marvin S. Soroos, Beyond the Sovereignty: The Challenge of Global Policy, (Columbia, South Carolina: University of South Carolina Press, 1986).

Leonard S. Spector, "Silent Spread", Foreign Policy, No. 58 (Spring 1985), p. 56.

Sprout, H. and Sprout, M., The Ecological Perspective in Human Affairs: With Special Reference to International Politics (Princeton, N.J.: Princeton University Press, 1965).

Stokke, Olav and Frank Cass, Sustainable Development, (Frank Cass, 1992).

Robert Stowe, "U. S. Foreign Policy and the Conservation of Natural Resources," Natural Resources Journal, Vol 27, No. 1, (Winter 1987), pp. 55-102.

L. Teclaff and E. Teclaff, "International Control of Cross Media Pollution - An Ecosystem Approach," Natural Resources Journal, Vol 27, No. 1, (Winter 1987), pp. 21-54.

Francis R. Thibodeau and Hermann H. Field, eds., Sustaining Tomorrow: A Strategy for World Conservation and Development, (Hanover: University Press of New England, 1984).

Thomas, Caroline, The Environment in International Relations, (Royal Institute of International Affairs, 1992).

Lloyd Timberlake, Africa in Crisis, (New York: International Institute for Environment and Development, 1985).

Union for the Conservation of Nature and Natural Resources, the United Nations Environment Programme, and the World Wide Fund for Nature, Caring for the Earth, (Island Press, 1992).

United Nations Conference on Environment and Development, The Earth Summit and Agenda 21, (United Nations Publications, 1992).

David Vogel, National Styles of Regulation, (Ithaca: Cornell University Press, 1986).

Norman V. Walbek, Saving the Planet: The Politics of Hope, (Winona: Northland Press, 1988).

Winpenny, James T., Development Research: The Environmental Challenge, (Westview Press, 1992).

Oran R. Young, George J. Demko and Kilaparti Ramakrishna, editors, Global environmental change and international governance (Hanover: Dartmouth College: University Press of New England, 1996).

Oran Young, International Cooperation: Building Regimes for Natural Resources and the Environment (Ithaca: Cornell University Press, 1989).

VII. International Food, Land and Population Issues

[Includes international wildlife and endangered species and other land management issues.]

M. Aloffchie and S. Commines, "Famines and Africa", The Futurist, April 1985, p. 71.

Andrewartha, H. G. and Birch, L. C., The Ecological Web: More on the Distribution and Abundance of Animals (Chicago: University of Chicago Press, 1984).

Barbier, Edward, Joanne Burgess, Timothy Swanson, and David Pearce, Elephants, Ivory and Economics (London: Earthscan Publications, 1990).

Boserup, E., The Conditions of Agricultural Growth: The Economics of Agrarian Change under Population Pressure (Chicago: Aldine, 1965).

Arthur S. Boughey, Ecology of Populations, (New York: Macmillan Publishing Co., Inc., 1973).

Busch, B. C., The War against the Seals: A History of the North American Seal Fishery (Kingston, Ontario: McGill-Queen's University Press, 1985).

Catton, William R., Overshoot. Chicago: Univ. of Illinois Press, 1982.

Chan, H.S. and K.K.K. Wong, "Environmental Attitudes and Concerns of the Environmental Protection Bureaucrats in Guangzhou, People's Republic of China: Implications of Environmental Policy Implementation" International journal of public administration 1994 v 17 n 8, p.1523

Cooley, R. A., Politics and Conservation: The Decline of the Alaska Salmon (New York: Harper & Row, 1963).

Cordell, D. D. and J. W. Gregory, eds. African Population and Capitalism: Historical Perspectives (Boulder, Co.: Westview Press, 1987).

Crosby, A. W., Ecological Imperialism: The Biological Expansion of Europe, 900-1900 (New York: Cambridge University Press, 1986).

Daily, Gretchen C., Anne H. Erlich, and Paul R. Erlich, "Optimum Human Population Size," Population and Environment, July, 1994.

Dean, W., Brazil and the Struggle for Rubber: A Study in Environmental History (New York: Cambridge University Press, 1987).

Jack Doyle, Altered Harvest, (New York: Penguin Books, 1986).

Duncan, Richard C., "The Life-Expectancy of Industrial Civilization: The Decline to Global Equilibrium." Population and Environment: A Journal of Interdisciplinary Studies, March, 1993.

Paul and Anne Ehrlich, "Space Age Cargo Cult", in Kent Gilbreath, ed., Business and the Environment, (Washington, D.C.: The Conservation Foundation, 1984), p. 174.

El-Kholy, O.A., et al., The World Environment 1972-1992, (Chapman and Hall, 1992).

Elton, C., The Ecology of Invasions by Animals and Plants (London: Methuen, 1958).

Erocal, Denizhan, Environmental Management in Developing Countries, (OECD Development Publications, 1991).

Fowler, Cary, and Pat Mooney, Shattering: Food, Politics, and the Loss of Genetic Diversity (University of Arizona Press, 1990).

Franke, R. W. and Chasin, B. H., Seeds of Famine: Ecological Destruction and the Development Dilemma in the West African Sahel (Montclair, N.J.: Allanheld, Osmun, 1980).

Freeman, M. M. R., People Pollution: Sociologic and Ecologic Viewpoints on the Prevalence of People (Montreal, Quebec: McGill-Queen's University Press, 1974).

Giampietro, M., S. G. F. Bukkens, and D. Pimentel, "Limits to Population Size: Three Scenarios of Energy Interaction Between Human Society and Ecosystem." Population and Environment, 13 (3), 1992.

Goodland, R. "The Case That the World Has Reached Limits: More Precisely that Current Throughput Growth in the Global Economy Cannot be Sustained." Population and Environment, 13 (3), 1992.

Goodland, Robert, Herman Daly, and Salah El Sarafy, Population, Technology, and Lifestyle: The Transition to Sustainability, (Island Press, 1992).

- Gupta, Joyeeta, Toxic Terrorism: Dumping Hazardous Wastes (London: Earthscan Publications, 1990).
- Habakkuk, H. J., Population Growth and Economic Development since 1750 (New York: Humanities Press, 1971). (Europe)
- Hanley, S. B. and A. P. Wolf, eds. Family and Population in East Asian History (Stanford, Ca.: Stanford University Press, 1985).
- Hardin, Garrett, "Mythic Aspects of the Demographic Transition." Population and Environment: A Journal of Interdisciplinary Studies, Fall, 1990.
- Hardoy, Jorge E., Diana Mitlin and David Satterwaite, The Environmental Problems of Third World Cities, (Earthscan, 1992).
- Harris, Marvin, and Eric B. Ross, Death, Sex, and Fertility: Population Regulation in Preindustrial and Developing Societies. NY: Columbia Univ. Press, 1987.
- Hartwig, G. W. and Patterson, K. D., Disease in African History: An Introductory Survey and Case Studies (Durham, N.C.: Duke University Press, 1978).
- Hirshleifer, J., Economic Behaviour in Adversity (Chicago: University of Chicago Press, 1987).
- Hyams, E., Soil and Civilization (New Haven: Harper and Row, 1976).
- Jones, Tom and Soren Wibe, Forests, (OECD, 1992).
- Juma, Calestous, The Gene Hunters: Biotechnology and the Scramble for Seeds (Princeton, NJ: Princeton University Press, 1989).
- McEvedy, C. and Jones, R., Atlas of World Population History (Harmondsworth: Penguin Books, 1978).
- Arthur McEvoy, The Fisherman's Problem: Ecology and Law in the History of California's Fisheries, 1850-1980 (Cambridge: Cambridge University Press, 1986).
- McNeill, W. H., Plagues and Peoples (Garden City, N.Y.: Doubleday, 1976).
- Marks, G. and Beatty, W. K., Epidemics (New York: Charles Scribner's Sons, 1976).
- Meadows, Donella H., Dennis L. Meadows, and Jorgen Randers, Beyond the Limits, (Chelsea Green Publishing Co., 1992).

Our Common Future: World Commission on Environment and Development
Oxford University Press Staff, ISBN: 019282080X (Oxford University Press, August 1987).

Perkins, J., Insects, Experts, and the Insecticide Crisis: The Quest for New Pest Management Strategies (New York: Plenum, 1982).

John T. Pierce and Owne Furuseh, "Constraints to Expanded Food Production: A North American Perspective," Natural Resources Journal, Vol 26, No. 1, (Winter 1986), pp. 15-40.

Richards, J. F. and R. P. Tucker, eds. World Deforestation in the Twentieth Century (Durham, N.C.: Duke University Press, 1988).

Richards, P., Indigenous Agricultural Revolution: Ecology and Food Production in West Africa (Boulder, Co.: Westview Press, 1985).

Rolls, E. C., They All Ran Wild: The Story of Pests on the Land in Australia (Sydney: Angus and Robertson, 1969).

Rotberg, R. I. and T. K. Rabb, eds. Hunger and History: The Impact of Changing Food Production and Consumption Patterns on Society (Cambridge: Cambridge University Press, 1985).

Sanchez-Albornoz, N., The Population of Latin America W. A. R. Richardson (Berkeley and Los Angeles: University of California Press, 1974).

Savory, Allan, "Will We Be Able to Sustain Civilization?" Population and Environment: A Journal of Interdisciplinary Studies, November 1994.

Shiva, Vandana, Ecology and the Politics of Survival. Conflicts Over Natural Resources in India, (Saga Publications, Inc., 1991).

Julian L. Simone, "The Case for More People", in Kent Gilbreath, ed., Business and the Environment, (Washington, D.C.: The Conservation Foundation, 1984), p. 169.

Smil, Vaclav, "How Many People Can the Earth Feed?" Population and Development Review 20, No. 2, June, 1994.

Smillie, Ian, Mastering the Machine: Poverty, Aid and Technology, (Westview Press, 1991).

Smith, Katie and Tetsunao Yamamori, Growing Our Future Food Security and the Environment, (Food for the Hungry International, 1992).

Thomas, David S. G. and Nicholas J. Middleton, World Atlas of Desertification, (Edward Arnold, 1992).

Thurkill, Enakshi Ganguly, Big Dams, Displaced People, (Saga Publications, 1992).

Tilly, C., ed. Historical Studies of Changing Fertility (Princeton, N.J.: Princeton University Press, 1978).

Toney, Michael B., William F. Stinner, and Yun Kim, "The Population Debate: A Survey of Opinions of a Professional Organization's Membership," Population and Environment, Fall 1981.

Tucker, R. P. and J. F. Richards, eds. Global Deforestation and the Nineteenth-Century World Economy (Durham, N.C.: Duke University Press, 1983).

UN Department of International Economic and Social Affairs. United Nations, Population and Human Rights: Proceedings of the Expert Group Meetings on Population and Human Rights, Geneva, April 3-6, 1989 (1990).

Wells, R. V., Revolutions in America's Lives: A Demographic Perspective on the History of Americans, Their Families and Their Society (Westport, Ct.: Greenwood Press, 1982).

World Resources Institute, World Resources 1992-93, A Guide to Global Environment, (Washington, D.C., 1992).

S. Wortman and R. Cummings, Jr., To Feed This World: The Challenge and the Strategy, (Baltimore: John Hopkins University Press, 1979).

Maryla Webb and Judith Jacobsen, U.S. Carrying Capacity: an Introduction, (Washington D.C.: Carrying Capacity, 1982).

Yoffee, N. and G. L. Cowgill, eds. The Collapse of Ancient States and Civilizations (Tucson: University of Arizona Press, 1988).

VIII. Federal Land Management Issues

[Includes wildlife in North America and Native American issues.]

Paul H. Carlson, " Indian Agriculture, Changing Subsistence Patterns, and the Environment on the Southern Great Plains," Agricultural History, Vol. 66, No. 2, (Spring 1992), p. 52.

Rene Dubos "The Wilderness Experience" in Donald Van DeVeer and Christine Pierce, People, Penguins, and Plastic Trees.

R. L. Barsh, "Indian Resources and the National Economy: Business Cycles and Policy Cycles," Policy Studies Journal, Vol. 16, no. 4, (Summer 1988), pp. 799-825.

Robert Bartlett, Yellowstone: A Wilderness Besieged (Tucson: University of Arizona Press, 1985).

Mark Bonnett and Kurt Zimmerman, "Politics and Preservation: The Endangered Species Act and the Northern Spotted Owl," Ecology Law Quarterly 18 (1991), pp. 105-71.

Branson, F. A., Vegetation Changes on Western Rangelands (Denver: Society for Range Management, 1985).

J. N. Clarke and D. McCool, Staking Out the Terrain, (Albany: State University of New York Press, 1985).

Clary, D. A., Timber and the Forest Service (Lawrence: University Press of Kansas, 1986).

Cooke, R. U. and Reeves, R. W., Arroyos and Environmental Change in the American South-West (Oxford: Clarendon Press, 1976).

Cox, T. R., Maxwell, R. S., Thomas, P. D. and Malone, J. J., The Well-Wooded Land: Americans and Their Forests from Colonial Times to the Present (Lincoln: University of Nebraska Press, 1985).

Paul J. Culhane, Public Lands Politics, (Baltimore: The John Hopkins University Press, 1981).

Dempsey, Stanley "From the Yellowstone Ecosystem and Nye County to Where - changes in Public Lands Management" Rocky mountain mineral law institute : [proceedings] 1996 y 1996 n 42nd p.5

Dodds, G. B., The Salmon King of Oregon: R. D. Hulme and the Pacific Fisheries (Chapel Hill: University of North Carolina Press, 1959).

William Doron, Legislating for the Wilderness, (Millwood: Associated Faculty Press, Inc., 1986).

Marilyn Dubasak, Wilderness Preservation: A Cross-Cultural Comparison of Canada and the United States (New York: Garland, 1990).

Dunlap, T., Saving America's Wildlife (Princeton, N.J.: Princeton University Press, 1988).

Benjamin Dysart and Marion Clawson (eds.), Public Interest in the Use of Private Lands, (New York: Praeger, 1989).

Benjamin Dysart and Marion Clawson (eds.), Managing Public Lands in the Public Interest, (New York: Praeger, 1988).

Robert Foresta, America's Natinal Parks and Their Keepers (Washington D.C.: Resources for the Future, 1984).

Phillip O. Foss (ed.) Federal Lands Policy, (New York: Greenwood Press, 1987). (This anthology may also be found in the Policy Studies Journal, Vol 14, No. 2, (December 1985).

Frederick, K. D., and R. A. Sedjo, eds., Americas Renewable Resources: Historical Trends and Present Challenges (Baltimore, Maryland: Johns Hopkins University Press, 1991).

John Hendee, George Stankey, and Robert Lucas, Wilderness Management, 2nd. ed. rev. (Golden, CO.: North American Press, 1990).

Hollon, W. E., The Great American Desert Then and Now (Lincoln: University of Nebraska Press, 1966).

Keiter, Robert B. "Conservation Biology and the Law: Assessing the Challenges Ahead" Chicago-Kent law review 1994 v 69 n 4, p.911

Lanner, H., The Pinon Pine: A Natural and Cultural History (Reno: University of Nevada Press, 1981).

Lumberjacks and Legislators: Political Economy of the U.S. Lumber Industry, 1890-1941 (College Station: Texas A & M University Press, 1982).

McEvoy, A. F., The Fisherman's Problem: Ecology and Law in the California Fisheries, 1850-1980 (Cambridge: Cambridge University Press, 1986).

McPhee, J., Basin and Range (New York: Farrar Straus Giroux, 1980).

William R. Mangum, "Impact Assessment for Federal Wildlife Policy," Policy Studies Journal, Vol. 16, No. 4, (Summer 1988), pp. 731-750.

Michael Mantell, ed. Managing National Park System Resources (Washington D.C.: Conservation Foundation, 1990).

Martin, C., Keepers of the Game: Indian-Animal Relationships in the Fur Trade (Berkeley and Los Angeles: University of California Press, 1978).

Peter Matthiessen, Indian Country, (New York: Norton, 1987).

Matthiessen, P., Wildlife in America (New York: Viking, 1959).

Rick McIntyre, A Society of Wolves: National Parks and the Battle over the Wolf ISBN: 0896583252 (Voyageur Press, June 1996).

C. Patrick Morris, "Termination by Accountants: The Reagan Indian Policy," Policy Studies Journal, Vol. 16, No. 4, (Summer 1988), pp. 731-750.

Patricia Nelson, The Legacy of Conquest, (New York: Norton, 1987).

Elliot Norse, Ancient Forests of the Pacific Northwest (Covelo, CA: Island Press, 1990).

Perry, Patrick Austin "Law West of the Pecos: The Growth of the Wise-Use Movement and the Challenge to Federal Public Land-Use Policy" Loyola of Los Angeles law review NOV 01 1996 v 30 n 1 p.275

"Protected Lands" in The Conservation Foundation, State of the Environment: A View Toward the Nineties, (Washington, D.C.: Conservation Foundation, 1987), pp. 275-322.

Robbins, W. G., American Forestry: A History of National, State and Private Cooperation (Lincoln: University of Nebraska Press, 1985).

Glen O. Robinson, The Forest Service, (Baltimore: The Johns Hopkins University Press, 1975).

Alfred Runte, Public Lands, Public Heritage: The National Forest Idea (New York: Roberts Rinehart, 1991).

Alfred Runte, National Parks: The American Experience, 2nd. ed. rev. (Lincoln: University of Nebraska Press, 1987).

Ashley Schiff, Fire and Water: Scientific Heresy in the Forest Service (Cambridge: Harvard University Press, 1962).

W. R. Derrick Sewell and Philip Dearden, (eds.), Wilderness: Past, Present, and Future, Symposium in the Natural Resources Journal, Vol. 29, No. 1, (Winter 1989). (13 articles).

Short, C. B., Ronald Reagan and the Public Lands: America's Conservation Debate, 1979-1984 (College Station: Texas A&M Press, 1989).

David Simon, ed. Our Common Lands: Defending the National Parks (Covelo, CA.: Island Press, 1988).

Smith, D. A., Mining America: The Industry and the Environment, 1800-1980 (Lawrence: University of Kansas Press, 1980).

Spicer, E.H., Cycles of Conquest: The Impact of Spain, Mexico, and the United States on the Indians of the Southwest, 1533-1960 (Tucson: University of Arizona Press, 1962).

Steen, H. K., The U.S. Forest Service: A History (Seattle: University of Washington Press, 1976).

Sullivan, Michael J. "Fifty Years of Rhetoric on the Range: Reframing the Debate on Public Land Management" Land and water law review 1997 v 32 n 2 p.339

Symposium, "Old-Growth Forests," Northwest Environmental Journal 6 (1990), pp. 221-462.

Taylor, P., "The Ethics of Respect for Nature," Environmental Ethics Vol. 3, Fall 1981, pp.197-218.

James Tober, Wildlife and the Public Interest: Nonprofit Organizations and Federal Wildlife Policy, (New York: Praeger, 1989).

Tobin, Richard, The Expendable Future: U.S. Politics and the Protection of Biological Diversity (Durham, N.C.: Duke University Press, 1990).

Vecsey, C. and R. W. Venables, eds. American Indian Environments: Ecological Issues in Native American History (Syracuse, N.Y.: Syracuse University Press, 1980).

Webb, W. P., The Great Plains (Boston: Ginn, 1931).

White, R., The Roots of Dependency: Subsistence, Environment, and Social Change among the Choctaws, Pawnees, and Navajos (Lincoln: University of Nebraska Press, 1983).

Williams, M., Americans and Their Forests: A Historical Geography (New York: Cambridge University Press, 1989).

Wishart, D., The Fur Trade of the American West: A Geographical Synthesis (Lincoln: University of Nebraska Press, 1979).

Worster, D., Dust Bowl: The Southern Plains in the 1930s (New York: Oxford University Press, 1979).

Young Jr., O. E., Western Mining (Norman: University of Oklahoma Press, 1970).

IX. Local Land Management Issues

Harold C. Barnett, "The Exgent of Social Regulations: Hazardous Waste Cleanup and the Reagan Ideology," Policy Studies Review, Vol. 8, No. 1, (Autum 1988), pp. 15-35.

Christopher J. Bosso, Pesticides and Politics, (Pittsburgh: University of Pittsburgh Press, 1987). (Case Study)

Davies, R. O., The Age of Asphalt: The Automobile, the Freeway, and the Condition of Metropolitan America (Philadelphia: J. B. Lippincott, 1975).

Dethloff, H. C. and I. M. May Jr., eds. Southwestern Agriculture: Pre Columbian to Modern (College Station: Texas A & M University Press, 1982). (History)

Timothy P. Duane, Shaping the Sierra: Nature, Culture, and Conflict in the Changing West ISBN: 0520212460 (University of California Press: May 1999).

Robert C. Fellmeth, Politics of Land, (New York: Grossman Publishers, 1973). (California Case Study.)

Eben Fodor and Max Green, Better NOT Bigger: How to Take Control of Urban Growth and Improve Your Community ISBN: 0865713863 (New Society, November 1998).

Francaviglia, R. V., The Mormon Landscape: Existence, Creation, and Perception of a Unique Image in the American West (New York: AMS Press, 1978).

Louis J. Goodman, John N. Hawkins, and Tetsuo Miyabara, eds., Food and Agricultural Waste Development Projects, (New York: Pergamon Press, 1982). (Pacific rim case studies.)

Har, John, Saving Cities, Saving MOney: Environmental Strategies That Work, (Resource Renewal Institute, 1992).

Robert G. Healy and John S. Rosenberg, Land Use and the States, (Baltimore: Resources for the Future, 1979).

Robert Johnson, "The Politics of Local Growth Control", Policy Studies Journal Vol. 9 No. 3 (Winter 1980) pp. 427-439.

James P. Lester and Ann O'M. Bowman, eds., The Politics of Hazardous Waste Management, (Durham: Duke University Press, 1983).

Martin V. Melosi, Coping with Abundance, (New York: Alfred A. Knopf, 1985).

Martin V. Melosi, Garbage in the Cities, (Chicago: The Dorsey Press, 1981).

Robert O'Brien et. al. "Open and Closed Systems of Decision-making: The Case of Toxic Waste Management", Public Administration Review, July/August 1984, p. 334.

John Opie, The Law of the Land, (Lincoln: University of Nebraska Press, 1987).

Patton, P., Open Road: A Celebration of the American Highway (New York: Simon & Schuster, 1986).

Pimentel, David and Hugh Lehman, The Pesticide Question, (Chapman and Hall, 1992).

Rae, J. B., The Road and the Car in American Life (Cambridge, Ma.: MIT Press, 1971).

Jerone G. Rose, "Farmland Preservation Policy and Programs", Natural Resources Journal Vol. 24 No. 3 (July 1984), p.591.

Rose, M. H., Interstate: Express Highway Politics, 1941-1956 (Lawrence: University Press of Kansas, 1979).

Zachary Smith, "Coping With Cutbacks in Park and Recreation Administration: Priorities, Innovation and Mobilizing Interest Groups" John D. Hutcheson, Francis P. Noe, and Robert E. Snow, (editors), Outdoor Recreation Policy: Pleasure and Preservation, (New York: Greenwood Press, 1990).

Samuel Stokes et al., Saving America's Countryside: A Guide to Rural Conservation (Baltimore: Johns Hopkins University Press, 1989).

"Solid Waste" in The Conservation Foundation, State of the Environment: A View Toward the Nineties, (Washington, D.C.: Conservation Foundation, 1987), pp. 106-115.

Jay Sorenson, "The Assurance of Reasonable Toxic Risk", Natural Resources Journal Vol. 24 No. 3 (July 1984), p.549.

Strong, D., Tahoe: An Environmental History (Lincoln: University of Nebraska Press, 1984).

Ward, J.D. "Exploring the Implementation of Solid Waste Recycling Programs" International journal of public administration 1995 v 18 n 4, p.659

Charles F. Wilkinson, The Eagle Bird: Mapping a New West ISBN: 1555662501 (Johnson Books October 1999)

X. Some Future Considerations

[ethics is covered here as well as in the first section.]

Jim Cheney, "The Neo-Stoicism of Radical Environmentalism," Environmental Ethics 11 (1989), pp. 293-325.

Marian R. Chertow and Daniel C. Esty (Editors, Thinking Ecologically: The Next Generation of Environmental Policy ISBN: 0300073038 (Yale University Press: October 1997).

Garrett De Bell, ed., The Environmental Handbook, (New York: Ballantine Books, Inc., 1970). (Earth Day)

Gregory Daneke, "The Future of Environmental Protection: Reflections on the Difference Between Planning and Regulating", Public Administration Review, May/June 1982.

Gore, Al, Earth in the Balance: Ecology and the Human Spirit, (Houghton Mifflin Company, 1992).

Lewis Hinchman and Sandra Hinchman, "'Deep Ecology' and the Revival of Natural Right," Western Political Quarterly 42 (1989), P. 224.

Island Press, An Environmental Agenda for the Future, (Washington, D. C.: 1985).
Warren Johnson, Muddling Toward Frugality, (Boulder: Shambhala Publications, Inc., 1978).

Sheldon Kamieniecki, Robert O'Brien and Michael Clarke, eds., Controversies in Environmental Policy, (Albany: State University of New York Press, 1986). (Excellent anthology--several chapters would make good weekly reports.)

Merchant, C., "Earthcare: Women and the Environmental Movement," Environment Vol. 23, (June) 1981.

Merchant, Carolyn, Radical Ecology, (Routledge, New York, 1992).

Lester W. Milbrath, Envisioning a Sustainable Society: Learning Our Way Out, (Albany, SUNY Press, 1989).

National Academy of Sciences and National Academy of Engineering, Man, Materials, and Environment, (Cambridge: The MIT Press, 1973).

Nash, R., The Rights of Nature: A History of Environmental Ethics (Madison: University of Wisconsin Press, 1989).

Ophuls, William and A. Stephen Boyan Jr., Ecology and the Politics of Scarcity Revisited: The Unraveling of the American Dream, (W.H. Freeman and Co., 1992).

John Passmore, Man's Responsibility for Nature, (London: Duckworth & Co. Ltd. 1974).

Bruce Piasecki and Peter Asmus, In Search of Environmental Excellence: Moving Beyond Blame (New York: Simon and Schuster/Touchstone, 1990).

Christopher Stone, Should Trees Have Standing? Toward Legal Rights For Natural Objects (Los Angeles: Kaufmann, 1974); also in 45 Southern California Law Review 450 (1972) and in Donald Van DeVeer and Christine Pierce, People, Penguins, and Plastic Trees.

Taylor, P., "The Ethics of Respect for Nature," Environmental Ethics Vol. 3, Fall 1981, pp.197-218.

Conservation Foundation, State of the Environment: A View Toward the Nineties, (Washington, D.C.: Conservation Foundation, 1987).

III. Public Affairs: Cost-Benefit Analysis

Prof. Dave Weimer

University of Wisconsin-Madison

Course Objectives: Cost-benefit analysis (CBA) has both narrow and broad applications. In its narrow application, it serves as a decision rule for selecting policies for maximizing economic efficiency. In its broader application, it provides concepts, techniques, and conventions for assessing economic efficiency, or components of economic efficiency, when efficiency is only one of the social goals relevant to policy choice. This course provides the conceptual foundations and craft skills to prepare you to be sophisticated consumers and producers of CBA.

Prerequisites: Some familiarity with the basic concepts of microeconomics and statistics is assumed.

Course Requirements and Grades: Four requirements promote the course objectives:

First, I expect active participation in class and diligence in the completion of problem sets and other assignments. Our class time will be split between lectures and discussion. If this format is to be effective for both you as an individual and your classmates, then you must be prepared to participate in discussion. Sometimes discussion will be around assigned problems, including some that require reading about topics not yet covered in lecture. It is important that you put effort into these problems so that you can fully participate in their discussion. The effort will also reward itself in terms of the depth of your understanding of course material. *Ten percent* of your course grade will be based on class participation and assignments.

Second, an in-class midterm examination will give you an opportunity to demonstrate your mastery of the basic concepts of CBA. *Thirty percent* of your course grade will be based on your performance on the midterm examination.

Third, although the theory of CBA can be easily learned in the classroom, the craft for actually doing it in a complex world, with inevitable limitations on the availability time, data, and expertise, probably cannot. To get practice in actually doing CBA, you will participate in a team project on a real issue for an actual client. The teams and projects will be randomly assigned. During the semester, each team will make several oral and written progress reports. You should also plan on participating in a briefing on the final report at your client's convenience, most likely after the end of the semester. As most policy analysts work in teams, you should view your participation in the project as an important part of your development as a policy analyst. I expect team members to be professional in interactions with their clients as well as among themselves. I also expect each team member to be fully engaged with the project, and I reserve the right to penalize individuals who are not fully familiar with their teams' products. I will ask each team member to evaluate the effort and contributions of other team members, and I will consider the responses in assigning individual grades. *Forty percent* of your course grade

will be based on the team project. I cannot overemphasize the importance of the effort you put into the project for your future ability to do cost-benefit analysis. Please do not take this course if you are unwilling or unable to give the project your highest priority. I reserve the right to lower the grade of anyone who does not contribute fully to his or her team. I also reserve the right to give a failing grade in the course for anyone who acts unprofessionally.

Fourth, there will be a take-home final examination. *Twenty percent* of your course grade will be based on the final examination. If class attendance after the midterm is regular (almost everyone attending each class), and a majority of the class wishes, then I will waive the final and allocate its grade percentage to the final project.

Textbook: We will make extensive use of the following text (BGVW):

Anthony E. Boardman, David H. Greenberg, Aidan R. Vining, and David L. Weimer, *Cost-Benefit Analysis: Concepts and Practice*, 4 th ed. (Upper Saddle River, New Jersey: Prentice Hall, 2011).

You may use the 3 rd edition as a substitute, but it will require some additional effort to obtain the updated material. The tentative schedule lists chapters and exercises from the 4th edition.

Team Projects: The topics for team projects are as follows:

1. A recent report by the U.S. Postal Service Office of Inspector General (*Analyzing the Postal Service's Retail Network Using an Objective Modeling Approach* , June 14, 2010, RARC-WP-10_004) argues that the density of retail facilities in rural areas is too high from the perspective of economic efficiency. Review the model developed by George Yezer that is the analytical basis for the study. Modify it as appropriate from a cost-benefit perspective. Choose a rural region in Wisconsin, propose alternatives for reducing the density of retail postal facilities in that region, and assess the net social benefits of each alternative. Client: Alan Robinson, Center for the Study of the Postal Market.

2. The market share of resource-efficient (Energy Star) clothes washers in Wisconsin has been about 50 percent for the past few years. Focus on Energy ran rebate programs on washers several years ago, but as market share increased, so did free riding. Free riders combined with the high incremental cost of a resource-efficient washer compared to a standard washer have made washing machine rebates appear not cost-effective when only energy savings are counted. Would a program become cost effective if either (a) water savings are included; or (b) the program delivery model is changed to reduce free ridership? Client: Eileen Hannigan, Senior Research Analyst, Wisconsin Energy Conservation Corporation.

3. The federal government estimates that nearly seven-million Americans abuse prescription drugs—more than the total number abusing cocaine, heroin, ecstasy, and other recreational drugs. A recent study in Wisconsin found that one out of every five high school students admits to abusing prescription medication. In response to

prescription drug abuse, several states have started to implement programs to address prescription drug abuse, addiction, and diversion, such as Prescription Drug Monitoring programs (PDMPs). Thirty-three states currently have operating PDMPs, while an additional nine states have laws allowing for the establishment of a PDMP. While the models used vary across states, generally PDMPs have the following objectives: (1) to support access to legitimate medical use of controlled substances, (2) to help identify and deter or prevent drug abuse and diversion, (3) to facilitate and encourage the identification, intervention with and treatment of persons addicted to prescription drugs, (4) to help inform public health initiatives through outlining of use and abuse trends and (5) to help educate individuals about PDMPs and the use, abuse and diversion of and addiction to prescription drugs. On May 18, 2010, Governor Doyle signed a bill directing the Pharmacy Examining Board to establish a PDMP in Wisconsin. The Board is tasked with designing a program that follows the guidelines established within the act while the Department must procure funding for the program through available Federal grants. The Pharmacy Examining Board has requested a cost-benefit analysis of alternatives for assessing the impact that implementing the programs would have on the state. As this is a mandated program, and limited funds are available for implementation, the Board and Department are looking at costs, but highlighting potential long-term benefits of a program and any potential net benefits will be extremely valuable in supporting program choice. Client: Nora Wilson, Pharmacy Examining Board, Department of Regulation and Licensing.

4. The revenue generated by the sales tax depends both on its rate and its base. Wisconsin currently exempts services from its sales tax. What would be the social costs and increase in revenue from applying the sales tax to all or most services? How high would the rate have to be raised on the existing base to generate an equivalent amount of revenue and what would be its social costs? Client: Karen Bogenschneider, Director, Wisconsin Family Impact Seminars.

5. Motor fuels are not subject to the Wisconsin sales tax. What would be the revenue implications and net benefits of applying the sales tax to motor fuels? Consider modifications of the tax that would initially impose no additional net burden on consumers. Conduct the analysis both with standing only for Wisconsin residents and for all U.S. residents. Client: Karen Bogenschneider, Director, Wisconsin Family Impact Seminars.

6. The Washington State Institute for Public Policy (WSIPP) has identified a number of criminal justice programs with potential for reducing costs and crime. Use the WSIPP analysis to identify a set of promising policies for Wisconsin. Estimate the fiscal implications and net benefits of these policies. Client: Karen Bogenschneider, Director, Wisconsin Family Impact Seminars.

7. In Wisconsin, 17-year olds are considered adults for purposes of the prosecution of crime. That is, rather than the default being treatment within the juvenile justice system, it is prosecution and punishment within the adult system. The costs of handling cases within these two systems differ. Research also suggests that outcomes, such as

recidivism, also differ. Estimate the net benefits of making treatment within the juvenile justice system the default for 17-year olds in Wisconsin. Client: Jim Moeser, Wisconsin Council on Children and Families.

I will evaluate each team in terms of how much progress it makes in light of the scope of the topic, the complexity of the issue, and the availability of information. My assessment will reflect comments from the client on the usefulness of the product and the professionalism of the team.

Tentative Schedule

Session 1 - Introduction

BGVW, Chapter 1

Scan: EPA Guidelines

(<http://yosemite.epa.gov/ee/epa/eed.nsf/webpages/Guidelines.html>)

Team projects organized

Session 2 - Class Discussion of Team Projects from Previous Years

BGVW, Chapter 11

Sessions 3 and 4 - Conceptual Foundations

BGVW, Chapter 2 (Prepare exercises 2, 3, and 4 for class)

Sessions 5, 6, and 7 - Valuing in Primary Markets

BGVW, Chapter 3 (Prepare exercises 1 and 2 for class)

BGVW, Chapter 4 (Prepare exercises 1, 2, and 3 for class)

Spreadsheet Exercise 3.3

Spreadsheet Exercise 4.4

Session 8 - Valuing in Secondary Markets

BGVW, Chapter 5 (Prepare exercises 1, 2, and 3 for class)

Project report due: Each team should prepare a five- to seven-page (double-spaced) report that describes the issue being addressed in the project.

Spreadsheet Exercise 5.4

Sessions 9 and 10 - Basics of Discounting for Time/Social Discount Rate

BGVW, Chapter 6 (Prepare exercises 1, 3, and 4 for class)

BGVW, Chapter 10 (Prepare exercise 1 for class)

Scan: OMB Guidelines

(<http://www.whitehouse.gov/OMB/circulars/A004/A-4.PDF>)

(<http://www.whitehouse.gov/omb/circulars/a094/a094.html>)

UK Guidelines

(<http://greenbook.treasury.gov.uk/>)

CPI Calculator
(http://www.bls.gov/data/inflation_calculator.htm)
Spreadsheet Exercise 6.6

Sessions 11 and 12 - Expected Values and the Value of Information

BGVW, Chapter 7, pp. 156–166, 176– 85 (Prepare exercises 1, 3, 4, and 6 for class)

David L. Weimer and Mark A. Sager, “ Early Identification and Treatment of Alzheimer’s Disease: Social and Fiscal Outcomes,” *Alzheimer’s & Dementia* 5(3) 2009, 215–226.

Session 13 - Sensitivity Analysis

BGVW, Chapter 7, pp. 166-176 (**Hand-in write-up of exercise 5 — Spreadsheet Exercise 7.5**)

Project report due: Each team should prepare a list of the relevant categories of costs and benefits, and indicate how each can be measured. *Read BGVW, Chapter 16, to get an idea of available shadow prices from secondary sources.*

Session 14 - Option Price and Option Value

BGVW, Chapter 8
Spreadsheet Exercise 8.3

Session 15 - Life-Cycle Analysis

Joule A. Bergerson and Lester B. Lave, “Should We Transmit Coal, Gas, or Electricity: Cost, Efficiency, and Environmental Implication,” *Environmental Science and Technology* 39(16) 2005, 5905–5910.

Visit: [http:// www.eiolca.net](http://www.eiolca.net) and do the tutorial for the EIO-LCA model.

Session 16 - Midterm Examination

Session 17 - Estimation Based on Revealed Preferences: Demonstrations and Experiments

BGVW, Chapter 12 (Prepare exercise 2 for class)

Sessions 18 and 19 - Estimation Based on Revealed Preferences: Natural Experiments

BGVW, Chapter 13 (Prepare exercises 1 for class)

BGVW, Chapter 14 (**Hand-in write-up of exercise 3**)

Spreadsheet Exercise 13.2

David L. Weimer and Michael Wolkoff, “School Performance and Housing Values: Using Non-Contiguous District and Incorporation Boundaries to Identify School Effects,” *National Tax Journal* 54(2) 2001, 231–253.

W. Kip Viscusi and Joseph E. Aldy, “The Value of a Statistical Life: A Critical Review of Market Estimates Throughout the World,” *Journal of Risk and Uncertainty* 27(1) 2003, 5–76.

Sessions 20, 21 and 22 - Contingent Valuation

BGVW, Chapter 9 (Passive use)

BGVW, Chapter 15 (Prepare exercise 2 for class)

Prior to beginning of section, complete survey at:

<http://www.unm.edu/~rberrens/gcc/>

Bruce Johnson and John C. Whitehead, "Value of Public Goods from Sports Stadiums: The CVM Approach," *Contemporary Economic Problems* 18(1) 2000, 48–58.

Dale Whittington, "Improving the Performance of Contingent Valuation Studies in Developing Countries," *Environmental and Resource Economics* 22(1&2) 2002, 323–367.

Mark Dickie and Victoria L. Messman, "Parental Altruism and the Value of Avoiding Acute Illness: Are Kids Worth More than Parents?" *Journal of Environmental Economics and Management* 48(3) 2004, 1146–1174.

Sessions 23 and 24 - Cost-Effectiveness

BGVW, Chapter 18 (Prepare exercise 2 for class)

Spreadsheet Exercise 18.3

Session 25 - Shadow Prices in Developing Countries

BGVW, Chapter 17

Spreadsheet Exercise 17.4

Team reports due

Sessions 26, 27, and 28 - Presentations

Session 29 - Revised project reports (PDF file) and explanation of revisions due. Final Examination.

IV. The Policymaking Process

Prof. John Witte

University of Wisconsin-Madison

This is a graduate seminar on the policymaking process. The policymaking process is considered in a very broad context – from evolution of an idea, to enactment of legislation, to program implementation and evaluation. The emphasis is on the national level but there will also be considerable discussion of policymaking in a federalist environment. Thus the states will not be neglected and when we get to the policy section of the course, the national-state-local linkages will become very important. One of the required papers for the course will be an analysis of the current Wisconsin state budget – as it is being debated in the legislature.

Courses can be categorized as “tools” courses, where the objectives are primarily skills, or as “knowledge” courses, where the objective is to impart knowledge and understand of a subject area. This course falls mostly in the latter category. The course also serves as a “gateway” course in that it serves as a brief introduction to a number of areas in which there are advanced courses (e.g. policy evaluation, policy analysis, and specialized policy courses).

The objectives of the course are: (1) to understand decision and policymaking theories; (2) to insure that students know and understand the institutional and political organization of the policymaking process at the national level, and the subsequent interactions at the state and local levels; (3) to describe and analyze the stages in that process; 4) to introduce students to critical tools including policy analysis and evaluation; and (5) to exemplify these theories and processes through a set of currently debated policy case studies. To these ends the course is presented in three sections: (1) basics institutional foundations; (2) how policies are made, from agenda setting to policy evaluation; and (3) analysis of timely, on-the agenda policy examples.

We will also be emphasizing writing skills exemplified by two different types of papers. The first will be a “team-memorandum” of approximately 8 pages on balancing the next Wisconsin budget. The second will be an individual term paper of the student’s choosing or on a topic from a distributed list. This paper will be presented in two-parts, the first half subjected to editing and writing analysis.

The style of the course will be a combination of "seminar lectures" and discussion. It is expected that the readings be done in advance of the class to facilitate careful analysis of concepts and individual readings. Since the readings are not perfectly distributed between sections, I strongly suggest that you look ahead and judiciously use your time.

Course Requirements

1. An approximately 8-page team-based *policy memo*. Three person teams will be selected by random draw on the first class day. A description of the problem will also be handed out that day and posted on the class website.

2. A *term paper* of approximately 15 pages. This paper may be written in response to a set of paper topics that will be distributed in class or, with permission of the teaching assistant, a paper topic of the student's choosing. The paper will be handed in two parts. The first part, approximately the first half, will be due on week eight. It will be edited for writing issues and returned to the student. The edited portion will not be graded. The final paper will be due on the last day of class.
3. A "check-out," take home *final examination*. Students will have two-hours to complete the exam on a computer using course materials. Procedures for the final exam will be distributed later in the course.
4. Final grades will be determined according to the following weights:

Policy Memo	25%
Term Paper	35%
Final Exam	30%
Participation	10%

Course Outline and Readings

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game: Understanding American Public Policy Making*. (Thomson/Wadsworth, 2004). Paperback.

I. Foundations: The What, the Where, and the Who of Policymaking

Week 1: Introduction to Public Policymaking

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapter 1

Week 2: The What and Where of Policymaking

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapters 2 and 3

Weeks 3 & 4: The Who (Institutions)

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapter 4

NOTE: THE FOLLOWING ARE ALL A BIT OUTDATED AND CAN BE CHANGED:

James P. Pfiffner and Roger H. Davidson (eds.), **Understanding the Presidency**, Pearson - Longman, 3rd edition, 2005, pp. 329-357; 453-471. Articles by Schlesinger, Neustadt, Loevy, and Pfiffner.

Terry Moe, "Presidency and the Bureaucracy: Presidential Advantage," in Michael Nelson (ed.) **The Presidency and the Political System**, 5th edition, Washington,

D.C. Congressional Quarterly Press, 1998, pp. 437-468.

Douglas Arnold, **The Logic of Congressional Action** (New Haven: Yale University Press, 1990) Chapters 1 and 6.

James Q. Wilson, "The Bureaucracy Problem." *Public Interest*. 1967.

II. How Policy Is Made

Week 5: Decision and Policy Theories

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapter 5

Charles E. Lindblom and Edward J. Woodhouse, **The Policy-Making Process**, Prentice Hall, third edition, 1993, pp. 2-32.

John W. Kingdon, **Agendas, Alternatives, and Public Policies**, Chapter 4.

Week 6: Problem Identification and Agenda Setting

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapters 6 and 7

John W. Kingdon, **Agendas, Alternatives, and Public Policies**, Chapters 5 to 8.

Week 7: Policy Design, Analysis, and Adoption

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapters 8 and 9

David Weimer and Aidan Vining, **Policy Analysis: Concepts and Practice**, Englewood Cliffs, NJ: Prentice Hall, 2003, Chapter 1.

Week 8: Policy Implementation and Evaluation. Policy Memo Due.

Stella Z. Theodoulou and Chris Kofinis, *The Art of the Game*, Chapters 10 and 11

III. Policy Examples

Weeks 9 & 10: Immigration Policy

Dowell Mayers, *Immigrants and Boomers*, chapters 1, 3, and 12.

Ben Marquez and John Witte, "Immigration Reform: Is the Best Strategy an Incremental or Comprehensive Approach?"

First half of the term paper due

Weeks 11 & 12: Education Policy. First part of the term paper due on week 11.

John Witte, Patrick Wolf, Joshua Cowen, David Fleming, and Juanita Lucas-McLean, "The MPCP Longitudinal Educational Growth Study Second Year Report." School choice Demonstration Project, University of Arkansas, <http://www.uark.edu/ua/der/SCDP/Research.html>. March, 2009.

Douglas Harris, "The Policy Uses and Policy Validity of Value-Added and Other Teacher quality Measures," in D.H. Gitomer (ed.) *Measurement Issues and Assessment for Teacher Quality* (SAGE, 2009).

Summary of No Child Left Behind pending legislation.

Weeks 13 & 14: Fiscal Policy and Deficits. Term paper due on week 14.