

**ES 91**  
**Environmental Studies Capstone**

**Professor Carol Nackenoff**  
**Spring 2006**

## **Environmental Justice**

### **Week 1 (January 18) - Introduction: Thinking about Environmental Justice in Relation to Democratic Processes**

Steve Vanderheiden, "Eco-terrorism or Justified Resistance? Radical Environmentalism and the 'War on Terror,'" Politics & Society 33 (September 2005): 425-447

### **Week 2 (January 25) - Is environmental justice about humans, or does it include Trees, animals, and rivers? How do environmental issues Have to be presented to be heard in the U.S. Court system?**

Stone, Christopher D. Should Trees Have Standing?, Introduction, Ch. 1 and Epilogue (Dobbs Ferry, NY: Oceana Publications, 1996; 25<sup>th</sup> anniversary edition).

Scalia, Antonin "The Doctrine of Standing as an Element of the Separation of Powers", Ch. 19 in Mark W. Cannon and David M. O'Brien, ed., Views from the Bench (Chatham, NJ: Chatham House, 1985).

O'Leary, Rosemary "Environmental Policy in the Courts," Ch. 7 in Norman Vig and Michael Kraft, eds., Environmental Policy, 5<sup>th</sup> ed. (Washington, DC: CQ Press, 2003)

Schoenbaum, Thomas J., "Standing" in Schoenbaum et al., eds., Environmental Policy Law: Problems, Cases and Readings (New York: Foundation press, 2002).

### **Week 3 (February 1) - Global Environmental Regimes**

Chasek, Pamela S., David L. Downie and Janet Welsh Brown, "The Development of Environmental Regimes: Eleven Case Studies," Ch. 3 in Global Environmental Politics, 4<sup>th</sup> ed. (Boulder, CO: Westview, 2006).

Jasanoff, Sheila "Science and Norms in Global Environmental Regimes," Ch. 8 in Fen Osler Hampson and Judith Reppy, eds., Earthly Goods: Environmental Change and Social Justice (Ithaca and London: Cornell University Press, 1996).

**Week 4 (February 8) – Climate Change, Natural Disasters, and The Growing Problem of Environmental Refugees**

Bell, Derek R., "Environmental Refugees: What Rights? Which Duties", Res Publica 10 (2004): 135-152

Peacock, Walter Gillis and Chris Girard "Ethnic and Racial Inequalities in Hurricane Damage and Insurance Settlements," Ch. 9 in Peacock, Morrow and Gladwin, eds., Hurricane Andrew: Ethnicity, Gender and the Sociology of Disasters (New York and London: Routledge, 1997).

Dash, Nicole, Walter Gillis Peacock and Betty Hearn Morrow, "And the Poor Get Poorer: A Neglected Black Community," Ch. 11 in Peacock, Morrow and Gladwin, eds., Hurricane Andrew: Ethnicity, Gender and the Sociology of Disasters

Patz, Jonathan A. and R. Sari Kovats, "Hotspots in Climate Change and Human Health" BMJ 325 (9 November 2002)  
<http://bmj.bmjournals.com/cgi/content/full/325/7372/1094>

Grove, Richard "Climatic Fears: Colonialism and the History of Environmentalism," Harvard International Review (Winter 2002): 50-55

From the New York Times on FEMA, race, class, Katrina:  
McKee, Bradford "Gulf Planning Roils Residents," New York Times (December 8, 2005), Section F, p. 1, Col. 3

Lipton, Eric "Residents Fight Shift in Zoning for Gulf Coast," New York Times (December 12, 2005), A1, Col. 2

Dao, James "In New Orleans, Smaller May Mean Whiter," New York Times (January 22, 2006), Sunday, Section 4, p. 1, Col. 1

**Week 5 (February 15) – The Global Hazardous Waste Trade; Native Americans and Hazardous Waste**

Lipman, Zada "A Dirty Dilemma: The Hazardous Waste Trade" Harvard International Review (Winter, 2002): 67-71

Hoffman, Steven M. "Negotiating Eternity: Energy Policy, Environmental Justice and the Politics of Nuclear Waste" Bulletin of Science, Technology and Society (December 2001)

Sze, Julie "Race and Power: An Introduction to Environmental Justice Energy Activism," pp. 101-115 in Pellow and Brulle, eds., Power, Justice and the Environment (MIT Press, 2005)

Agyeman, Julian, Robert D. Bullard and Bob Evans, "Joined-up Thinking: Bringing Together Sustainability, Environmental Justice and Equity," Introduction in Agyeman, Bullard and Evans, eds., Just Sustainabilities: Development in an Unequal World (MIT, 2003)

Wolfley, Jeanette, "Ecological Risk Assessment and Management: Their Failure to Value Indigenous Traditional Ecological Knowledge and Protect Tribal Homelands," Ch. 15 in Duane Champagne, ed., Contemporary Native American Cultural Issues (Alta Mira Press, 1999)

Rachel Spielfeld, "Uranium Is in My Body," Ch. 16 in Duane Champagne, ed., Contemporary Native American Cultural Issues

Please take a look at the Basel Convention on the Transboundary Movements of Hazardous Wastes and their Disposal (1992 text)

If you have time, please read:

Bullard, Robert "Race, Class, and the Politics of Place," Ch. 2 in his Dumping in Dixie (Boulder, CO: Westview, 1990)

Hanson, Randel D. "Indian Burial Grounds for Nuclear Waste," originally published in the Multinational Monitor, Vol XVI, No. 9, September 1995

## **Week 6 (February 22) – Local Knowledge and Street Science**

Corburn, Jason, Street Science (Cambridge: MIT Press, 2005)

Everyone read Ch. 1 "Local Knowledge in Environmental Health Policy," Ch 2 "Street Science: Characterizing Local Knowledge" and because of your Mapping project, Ch. 6 "The Mapping of Local Knowledge". Also please read Ch. 7, "Street Science: Toward Environmental Health"

Divide among yourselves two case study chapters::

Ch. 4, "Tapping Local Knowledge to Understand and Combat Asthma"

Ch. 5, "Lead Poisoning and the Discourse of Local Knowledge"

## **Week 7 (March 1) – Water, Part I: Dams and Environmental Justice Activism**

Roy, Arundhati "The Greater Common Good," available at Friends of River Narmada  
<http://www.narmada.org/gcg/gcg.html>

Conca, Ken "The Ecology of Human Rights: Anti-Dam Activism and Watershed Democracy," Ch. 6 in his Governing Water (MIT Press, 2006)

Bednarek, Angela "Undamming Rivers: A Review of the Ecological Effects of Dam Removal," Environmental Management 27 (2001)

Jun, Ma China's Water Crisis, Ch. 2, "The Yangtze River". Translated by Nancy Yang Lu and Lawrence R. Sullivan (Eastbridge Press, 2004).

### News Article File:

Cheung, Ray "Waves of Discontent Rise Up over Tiger Leaping Gorge Dam," South China Post (3/22/05), News p. 6

Yardley, Jim "China's Premier Orders Halt to a Dam Project Threatening a Lost Eden," New York Times (April 9, 2004), A6 col. 2 (Nu River)

Yardley, Jim "Seeking a Public Voice on China's 'Angry River'," New York Times (December 26, 2005), A1, col. 2 (Nu River)

Nash, Elizabeth "Spanish Court Blocks Dam that Threatens Villagers," The Independent (London) (April 27, 2002), Foreign News, p. 12 (Itoiz Dam)

Marks, Kathy "Damned if You Do, Damned if You Don't," The Independent (London) (June 24, 2003), Features, pp. 2-3. Tasmania's Franklin River 20 years after opponents blocked the dam

Papone, Jeff "Natives on other side of the dam: Roles are reversed as a Maniwaki-area Indian band is pushing a controversial hydro dam project," Ottawa Citizen (February 2, 2002), Business H3

Urbina, Ian "Dam Builder Tries New Role: Dam Breaker," New York Times (September 22, 2004) B1, col 5 (Orange County, NY)

International Rivers Network – see Latin America Campaigns on website  
<http://www.irn.org/programs/latamerica/>

### Films, Videos to be Shown in Class:

*When Is Enough Enough?* (politics of oil extraction in Alberta, Canada). (Oley, PA: Bullfrog Films, 2004). Directed, produced and written by Geoff Bowie ; Canadian Broadcasting Corporation  
 "The Oil Sands of Alberta," 60 Minutes, January 22, 2006)

**Week 8 (March 15) – Water, Part II: Water Privatization, Water Commodification, Competition for Water Resources and Environmental Justice Campaigns**

Film to be Shown in Class:

*Thirst*. (Oley, PA: Bullfrog Films, 2004). Produced and directed by Alan Snitow and Deborah Kaufman

Conca, Ken, “Invisible Hand, Visible Fist: The Transnational Politics of Water Marketization,” Ch. 7 in Governing Water (MIT Press, 2006)

Olivera, Oscar in collaboration with Tom Lewis, Cochabamba!: Water War in Bolivia (Cambridge, MA: South End Press, 2004), pp. 1-49. Please also read Raquel Gutierrez-Aguilar, “The Coordinadora: One Year After the Water War,” pp. 53-64 in Cochabamba!

Shiva, Vandana “The World Bank, WTO and Corporate Control Over Water,” Ch. 4 in Shiva, Water Wars (Cambridge, MA: South End Press, 2002)

For a critique of the distributive theory of justice, please read:

Iris Marion Young, selections from Justice and the Politics of Difference

Suggestions for this week:

Barlow, Maude and Tony Clarke, Blue Gold: The Fight to Stop Corporate Theft of the World’s Water, Chapters 1-4, 7. (NY: The New Press, 2002)

Shiva, Vandana “Earth Democracy,” sound recording of a lecture she delivered. (Boulder, CO: Alternative Radio, 2004). Available in McCabe.

**Week 9 (March 22) - Are the Poor too poor to care about the environment?**

Steinberg, Paul F. Environmental Leadership in Developing Countries: Transnational Relations and Biodiversity Policy in Costa Rica and Bolivia (MIT Press, 2001), with special attention to Ch. 2, “Environmental Privilege Revisited”. Please also read Ch. 1, “Bilateral Activism in Global Environmental Politics” and read what you can of Ch. 3, “Environmental Leadership: The Costa Rican Example.”

Continuing the theme of alternatives to distributive notions of justice:

Schlosberg, David "Reconceiving Environmental Justice: Global Movements and Political Theory," Environmental Politics 13 #3 (Autumn 2004): 517-540  
ENVS91 CN Schlosberg Rec.pdf (250.664 Kb)

Brulle, Robert J. and Jonathan Essoka, "Whose Environmental Justice? An Analysis of the Governance Structure of Environmental Organizations in the United States," Ch. 13 in David Naguib Pellow and Robert J. Brulle, eds., Power, Justice and the Environment (MIT Press, 2005). (Includes some critique of Schlosberg.)

### **Week 10 (March 29) - Biodiversity, Biotechnology and Food Security**

Flitner, Michael "Biodiversity: Of Local Commons and Global Commodities" in Michael Goldman, ed., Privatizing Nature (Rutgers University Press, 1998), pp. 144-166.

Cleveland, David et al. "The World's Crop Genetic Resources and Rights of Indigenous Farmers," Current Anthropology 38 #4 (August-October 1997): 477-515.

Shiva, Vandana Stolen Harvest (South End Press, 2000), Introduction and Chapters 1, 2, 5, 6 and 7 with special attention to Chapters 1 and 5.

Kimbrel, A. "Why Biotechnology and High-Tech Agriculture Cannot Feed the World," Ecologist 28 (September/October 1998): 294-298. Recommended by Keefe.

Ho, Mae-Wan "The Unholy Alliance" in Gregory Pence, ed., The Ethics of Food (Lanham, MD: Rowman and Littlefield, 2002), pp. 80-95.

Ammann, Klaus "Effects of Biotechnology on Biodiversity: Herbicide-Tolerant and Insect-Resistant GM Crops," Trends in Biotechnology 23 #8 (August, 2005), pp. 388-394. Recommended by Lauren.

Lyson, Thomas A. "Advanced Agricultural Biotechnologies and Sustainable Agriculture," Trends in Biotechnology 20 #5 (May, 2002), pp. 193-196. Recommended by Lauren.

### **Week 11 (April 5) – Biodiversity, Food Security, and Bioprospecting (continued)** **Theme 2: Chester, PA: Environmental Activism, and the Disparate Impact Environmental Racism Suit in Federal Court**

Moran, Katy, Steven R. King and Thomas J. Carlson "Biodiversity Prospecting: Lessons and Prospects," Annual Review of Anthropology 30 (2001): 505-526.

"What's Your Poison? Health Threats Posed by Pesticides in Developing Countries," Report of the Environmental Justice Foundation (London, UK, 2003)

Smith, Toby The Myth of Green Marketing: Tending Our Goats on the Edge of Apocalypse, Ch. 5, "Analysis of Examples" (not a perfect fit for today, but I want to include it anyhow)

Look over if you have time:

Pena, Devon G. "Environmental Justice and Sustainable Agriculture," Resource Paper Series (October 23, 2003). Second National People of Color Environmental Leadership Summit—Summit II.

Chester Case

Film for class: Laying Waste

Vollers, Maryanne “Everyone Has Got to Breathe,” Audobon (March/April 1995): 65-73

“Way Found to Fight ‘Environmental Racism’,” Toronto Star (June 8, 1996), Insight, C6 [AP]

Jaffe, Mark “Suit to Test Environmental Racism; EPA Waste Permits Cited as Biased,” Times-Picayune (August 18, 1996), National, A21

Parton, Carol “Chester Residents Pursue Review of ‘Environmental Racism’ Ruling,” Philadelphia Business Journal (December 20, 1996), v15 n44 p14

Sarlat, Rick “Chester Residents Fight ‘Environmental Racism’,” Philadelphia Tribune (April 11, 1997), pages include 8A

**Week 12 (April 12) - Energy Policy and Environmental Justice**

U.S. Department of Energy “Environmental Justice at Department of Energy: A Decade of Progress”(July 2005)

Executive Order 12898 signed by President Clinton on February 11, 1994  
(Environmental Justice) from the DOE website, including discussion.

Additional readings to be announced

**Weeks 13 and 14 (April 19 and 26) - Readings, as needed, will be linked to the Capstone Delaware County Mapping Project**

