

Tufts University Department of Urban & Environmental Policy and Planning

UEP 278: Environmental Justice, Security, and Sustainability Fall 2014

Penn Loh 617 627 4608 penn.loh@tufts.edu

Thursdays 1:30-4:00pm @ Jackson Hall, Room 5

Office hours: Wed's 1:30-3:30 and by appointment.

Description

Environmental justice is a framework for analyzing and addressing the inequalities in environmental conditions (benefits and burdens) among communities of varying race/ethnicity and economic class. At the same time, environmental justice presents a deep challenge to the mainstream environmental and sustainability frameworks. This course will be divided into four sections:

1. Theory and concepts of environmental justice

We will examine the foundations of the environmental justice concept, the history of the environmental justice movement, and the links between environmental justice and the environmental and sustainability movements.

2. Case studies and local site visits

We will deepen our understanding of the challenges and responses to environmental injustice through several site visits with local EJ groups and guest presenters who will help frame environmental justice efforts in other parts of the country and the world. Issues that we will address include brownfields, land-use and gentrification, transportation, and others.

3. Strategies for addressing environmental justice

We will examine the community strategies, governmental and policy responses, and legal approaches to addressing environmental justice.

4. Team projects with EJ partners

Students will work in teams of 2-4 on projects that will help further the efforts of a local EJ group.

Course Objectives

- To develop theoretical frameworks for understanding how environmental injustice is produced locally, regionally, and globally and how environmental justice is linked to sustainability.
- To ground students in the realities faced by environmental justice communities locally and to connect these to struggles in other parts of the world.
- To explore strategies for addressing environmental justice from the community, government, science, and legal perspectives.
- To inspire and meaningfully engage students in local and regional efforts to promote environmental justice.

Course texts

Required

Cole, Luke W. and Foster, Sheila R. 2001. *From the Ground Up: Environmental Racism and the Rise of the Environmental Justice Movement*. New York. NYU Press.

Agyeman, Julian. 2005. *Sustainable Communities and the Challenge of Environmental Justice*. New York. NYU Press.

Optional

Pellow, David Naguib and Robert Brulle, editors. 2005. *Power, Justice, and the Environment: A Critical Appraisal of the Environmental Justice Movement*. Cambridge, MA. MIT Press.

A required Reader is also available for purchase. Readings in this syllabus that are not in the required books or Reader will be available via a web link, which you can also find on the course Trunk site. Note, suggested readings in the course syllabus are not in the Reader to save on printing costs. The Course Texts and Reader will also be on reserve at Tisch Library.

Course Requirements and Assessment

All students are expected to attend class regularly and complete assignments on time, including completing the required readings before each class. Your grade will be based on the following:

1. Group Project for Community Group (Due Dec 4) (35%)

Students will work in teams of 2-4 on a group project for a community organization. For those students who already have experience working with community groups, there is the option of doing an individual project of equivalent scale, such as writing a 15-20 page paper (please see me if you wish to pursue this option). The projects will be defined and guided by the community group. A list of the projects will be available once the class begins. The projects will require reporting to the client group and creating a final product (e.g. briefing paper, factsheet, web page, bibliography, powerpoint presentation, etc.). Depending on the nature of the project, groups may also need to conduct secondary research, data analysis and synthesis, or interviews. In addition, each team will submit a post-project reflection on their experience in working on a project with a community partner.

Here are some examples of previous community clients and projects:

- Chelsea Collaborative – assess potential for vacant lots in Chelsea to be converted to parks, urban agriculture, and open space uses.
- Community Labor United and Boston Recycling Coalition – analyze potential impacts of a planned statewide organics waste ban, especially potential to develop good green jobs.
- Welcome Project – explore case studies and develop recommendations for reframing obesity in immigrant communities as food and environmental justice issues.

Students submit preferences by 3rd class (Sep 18), and assignments will be made by 4th class (Sep 25).

Initial project scoping meetings and draft plans submitted by 6th class (Oct 9).

Draft project outputs to partner groups by Wed Nov 26.

Final project presentations on December 4.

2. 5-page Opinion Paper or Book Review (Due Nov 20) (25%)

Choose an issue in environmental justice that you think is contentious but about which you have strong feelings. It could be something like risk assessment, the relationship between environmental justice and sustainability, the role of experts or the debate about gentrification and environmental justice. Using class readings and other resources, write a 5-page opinion paper in support of your position. You should source at least 5 other readings in addition to required class readings. Note, these readings do not have to be peer-reviewed scholarly articles. Magazine articles and “grey” literature pieces (by think tanks, advocacy groups, and others) are acceptable.

Another acceptable option for this assignment is to write a book review on a book that is related to environmental justice. Your book review should also be 5-pages double-spaced. In your review, you should:

- Describe the book’s major themes and arguments
- Critically appraise the book’s methods and conclusions
- Discuss how the book’s themes relate to the themes in the course readings and discussions
- Your recommendations to other EJ students on what they can/should learn from this book

3. Site Visit Journal (Due Oct 23) (20%)

For this requirement, the goal is to deeply analyze the themes and questions raised by our site visits and informed by the class readings. Write a 3-5 paged, double-spaced paper with your reflections based on one or more of our class site visits. You can raise questions and challenges in relation to the class readings, reflect on your own experiences, and/or share your personal reactions and feelings.

4. Weekly Discussion Forum (10%)

For most weeks, there will be short postings on the course Trunk site reflecting on course readings, discussions, and site visits by selected students. Over the semester, each student should expect to do 3-4 postings (2-3 paragraphs). All students are expected to read postings prior to each class.

5. Class participation (10%)

Class participation includes regular and prompt attendance as well as quality (not quantity) of input in class discussions. Remember that class participation is enhanced by being prepared for each class by completing the required readings.

Schedule

Week 1: Sep 4. Overview

Provide overview of course and begin to explore the main themes of the class by reviewing two tales of environmental justice: 1) environmental racism and 2) ecological justice (Just Transition)

Resources

Motavalli, Jim (1998) “Toxic Targets – Polluters that Dump on Communities of Color are Finally Being Brought to Justice,” *E – The Environmental Magazine*, July-August. Available at:

<http://www.emagazine.com/magazine-archive/toxic-targets>

Dayaneni, Gopal and Mateo Nube. June/July 2008. “Ecology and the Left.” *Left Turn*. Pp. 17-21. Available at:

<http://www.movementgeneration.org/wp-content/uploads/2009/02/MG.LeftTurn.pdf>.

Week 2: Sep 11. Environmental Racism and Injustice: Basic Concepts

In-class role play of an incinerator siting hearing. Explore the frameworks and debates emerging from the early environmental justice movement. What is environmental racism? What evidence is there of disproportionate impact? Is it class or race? Which came first: pollution or poor people of color?

Class project list distributed.

Required Readings (~100)

Cole & Foster. Preface/Introduction (pp 1-18) and Chapter 3 (pp 54-79).

Faber, Daniel and Eric Krieg. October 2005. "Unequal Exposure to Ecological Hazards 2005: Environmental Injustices in the Commonwealth of Massachusetts. Executive Summary." Philanthropy and Environmental Justice Research Project of Northeastern University, pp. iii-vi, 1-11. Available at:

http://nuweb9.neu.edu/nejrc/wp-content/uploads/executive_summary_2005.pdf

Massachusetts Environmental Justice Map Viewer. Available at:

http://maps.massgis.state.ma.us/map_ol/ej.php

Friedman, David, "The Environmental Racism Hoax," American Enterprise Institute, 2003, available at Trunk Resources

Pulido, Laura. 1996. "A Critical Review of the Methodology of Environmental Racism Research," *Antipode*, vol. 28, no. 2. pp 142-159.

Been, Vicki. 1994. "Locally Undesirable Land Uses in Minority Neighborhoods: Disproportionate Siting or Market Dynamics?" *Yale Law Journal*, vol. 103, no. 6, pp. 1383-1421. Available at:

<https://www.library.tufts.edu/ezproxy/ezproxy.asp?LOCATION=http://www.jstor.org/stable/797089>

Rabin, Yale. (1989) "Expulsive Zoning: The Inequitable Legacy of *Euclid*, in Zoning and the American Dream 101," excerpted in Rechtschaffen, Clifford and Eileen Gauna, 2002 *Environmental Justice: Law, Policy and Regulation*, Durham, NC: Carolina Academic Press, pp. 27-29.

Optional Readings

Faber, Daniel. 1998. "The Political Ecology of American Capitalism: New Challenges for the Environmental Justice Movement," Chapter 1 in *The Struggle for Ecological Democracy*, ed. Daniel Faber, Guildford Press, pp. 27-59.

Institute of Medicine. 1999. "Chapter 2: Establishing a Baseline," in *Toward Environmental Justice: Research, Education, and Health Policy Needs*, Washington, D.C.: National Academy Press, pp.: 11-21. Available at:

<http://www.nap.edu/books/0309064074/html/11.html>

Taylor, Dorceta. 2000. The Rise of the Environmental Justice Paradigm. *American Behavioral Scientist*. Vol 43 (4) pp 508-580. Available through Tisch Library electronic journals.

Week 3: Sep 18. Site Visit: Chinatown/Asian Pacific American Issues

Site visit to Boston Chinatown with **Chinese Progressive Association** at 28 Ash St. Explore issues of institutional expansion, highways, gentrification and control over land use and the Right to the City framework.

Students submit class project preferences

Required Readings (~81)

Leong, Andrew. "The Struggle Over Parcel C," Institute for Asian American Studies, UMass Boston, September 1997. Available at: http://scholarworks.umb.edu/iaas_pubs/22/

Asian Pacific Environmental Network, "Environmental Justice & API Issues," available at:

http://archive.apen4ej.org/issues_api.htm

- Tai, Stephanie. 1999. "Environmental Hazards and the Richmond Laotian American Community: A Case Study in Environmental Justice," *Asian Law Journal* vol 6, pp 189-207. Available through Tisch Library electronic journals.
- Race, Poverty, & the Environment*, issue on "Fixin' to Stay: Anti-Displacement Policy Options & Community Response", Vol. IX, No.1, Summer 2002, pp. 5-8, 16-19, 30-33. Available at: <http://www.urbanhabitat.org/files/9-1%20all.pdf>
- Perera, Gihan. "Claiming the Right to the City: A Question of Power," *Race, Poverty, & the Environment*, Vol 15, No. 1, Spring 2008, pp. 12-13. Available at: <http://urbanhabitat.org/node/1806>.
- Perera, Gihan and the Urban Strategies Group. "Winning the Right to the City in a Neo-Liberal World," 2009. Available at Trunk Resources.
- Loh and Eng, editors. March 2010. Environmental Justice and the Green Economy, case study of Richmond CA, pp 22-23. Available at: <http://ejstimulus.files.wordpress.com/2010/03/ejreport-english1.pdf>.
- Park, Lisa Sun-Hee, and David N. Pellow. 2004. "Racial formation, environmental racism, and the emergence of Silicon Valley," *Ethnicities* vol 4(3), pp 403-424. Available through Tisch Library electronic journals.

Week 4: Sep 25. EJ Movement History and Evolution Towards Just Sustainability

Review origins of the EJ movement and its challenge to mainstream environmentalism and sustainability movements. Small group discussion on the evolution of the EJ movement. Is it too broad and unfocused? Is it moving towards a "just sustainability" paradigm?

Student teams and projects assigned.

Required Readings (~96)

Cole & Foster. Chapter 1 (pp 19-33).

Principles of Environmental Justice, Adopted at the People of Color Conference on Environmental Justice, Washington, D.C. 1991. Available at: <http://www.ejrc.cau.edu/princej.html>

Foreman, Christopher. 2002. Remarks on Environmental Justice to United States Commission on Civil Rights. Available at: http://www.brookings.edu/testimony/2002/0111environment_foreman.aspx

Southwest Organizing Project. November 1995. "Five Years Later: SWOP's Letter to the 'Group of Ten' Revisited," special insert to *Voces Unidas Update*.

Alston, Dana. 1991. "Moving Beyond the Barriers," in Proceedings of the First National People of Color Environmental Leadership Summit, pp. 103-106.

Agyeman. Introduction (pp. 1-13) and Chapter 3 (pp. 79-106).

Gelobter, Michael et al., *The Soul of Environmentalism: Rediscovering Transformational Politics in the 21st Century*, Redefining Progress, 2005. ~25 pp. Available at <http://community-wealth.org/sites/clone.community-wealth.org/files/downloads/paper-gelobter-et-al.pdf>

Penn Loh and Phoebe Eng, co-editors. March 2010. "Environmental Justice and the Green Economy: A Vision Statement and Case Studies for Just and Sustainable Solutions." *Alternatives for Community & Environment*, Roxbury, MA, pp 3-7. Available at: <http://ejstimulus.files.wordpress.com/2010/03/ejreport-english1.pdf>.

Optional Readings

Agyeman. Chapter 2 (pp 39-78) and 4 (pp 107-132).

Gottlieb, Robert. 1993. *Forcing the Spring: The transformation of the American environmental movement*. Chapter 4. Island Press.

Faber, Daniel and Deborah McCarthy. 2003. "Neo-Liberalism, Globalization and the Struggle for Ecological Democracy: Linking Sustainability and Environmental Justice," In Agyeman, J, Bullard, RD and Evans, B (eds) *Just Sustainabilities: Development in an Unequal World*. Cambridge: MIT Press. Pp 38-63.

Week 5: Oct 2. Site Visit: Roxbury/EJ in Black Communities

Site visit to **Alternatives for Community & Environment** in Dudley Square at 2201 Washington Street, Suite 302, Roxbury. Explore issues including asthma and air pollution, transit justice, redevelopment, land and food, and green economy.

Required Readings (~85)

Agyeman. Chapter 5 (pp 133-175).

ACE's web site at: www.ace-ej.org

ACE Environmental Justice Agenda (PDF available on Trunk)

Loh, Penn and Jodi Sugerman-Brozan. November 2002. "Environmental Justice Organizing for Environmental Health: Case Study on Asthma and Diesel Exhaust in Roxbury, MA." *Annals of the American Academy of Political and Social Sciences*, vol. 584, pp. 110-124. Available at:

<http://ann.sagepub.com.ezproxy.library.tufts.edu/content/584/1/110.full.pdf+html>

Johnson, Hazel. 1991. "Living in Chicago's Toxic Doughnut," in Proceedings of the First National People of Color Environmental Leadership Summit, pp. 87-88.

Lord, Charles and Keaton Norquist. 2010. "Cities as Emergent Systems: Race as a Rule in Organized Complexity," *Environmental Law*, vol. 40, issue 2, 551-597.

<http://law.lclark.edu/live/files/5644>

Optional

Airbeat monitoring system website at: <http://www.airbeat.org>

Faber, Daniel, Penn Loh, and James Jennings. November 2002. "Environmental Injustices in Massachusetts: Forging Greater Community Participation in the Planning Process." *Projections: MIT Journal of Planning*, vol 3:1, pp. 109-131.

Loh, P; Sugerman-Brozan J.; Wiggins, S; Noiles, D; Archibald, C. "From Asthma to AirBeat: Community-Driven Monitoring of Fine Particles and Black Carbon in Roxbury, Massachusetts." *Environmental Health Perspectives* (110: supplement 2, April 2002). Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1241176/>

Medhoff, Peter and Sklar, Holly. *Streets of Hope*. South End Press, 1994, chapters 1 and 3.

Cole & Foster: Chapter 2 (pp 34-53).

Week 6: Oct 9. Site Visit: Chelsea/EJ in Latino Communities

Site visit to **Chelsea Green Space and Recreation Committee** at Chelsea Collaborative, 318 Broadway, Chelsea. Explore issues of open space, creek cleanup, restoration and access, polluting facilities, and energy efficiency. Additional reading on immigration and population.

Project plans submitted.

Required Readings (~80)

Chelsea Green Space Committee web site at: <http://chelseacollab.org/program/greenspace>

Marakovitz, Ed. "Environmental Organizing in Chelsea: the Green Space and Recreation Committee," Chelsea Human Services Collaborative, June 1998.

Bongiovanni, Roseann and Chacker, Stacey. "Chelsea Community Based Comparative Risk Assessment," presentation at Science to Action: Community-based Participatory Research and Cumulative Risk Analysis as Tools to Advance Environmental Justice in Urban, Suburban and Rural Communities held at Boston University on May 24-26, 2004. Available at Trunk Resources

Chelsea Creek Action Group website at: <http://www.chelseacreekaction.org/drupal/drupal-6.19/>

Cole & Foster: Chapter 4 (pp. 80-102).

Loh, Penn. "Must it be Greens versus Browns: Population, Immigration, and Environment;" *Racefile*. vol. 3, no. 5. Applied Research Center. Oakland, CA. September-October 1995.

Green Justice Coalition. Sep 2010. "Who's Got the Power? Shifting from Corporate to Community-Driven Energy Efficiency: Lessons from a Campaign in Progress." Available at: http://massclu.org/sites/clud6.prometheuslabor.com/files/Whos_Got_the_Power.pdf

Loh and Eng, editors. March 2010. Environmental Justice and the Green Economy, case studies of Chicago and San Diego, pp 14-15 and 20-21. Available at: <http://ejstimulus.files.wordpress.com/2010/03/ejreport-english1.pdf>.

Week 7: Oct 16. Global EJ and Climate Justice Perspectives

Environmental justice beyond the U.S. and the expanding focus of EJ to climate justice and a just transition.

Video (8 min): Climate Justice Alliance: Our Power Film with Black Mesa Coalition, <http://www.ourpowercampaign.org/our-power-film/>

Required Readings (~103 pp)

McDonald, David. 2005. "Environmental Racism and Neoliberal Disorder in South Africa," in *The Quest for Environmental Justice*, editor Robert Bullard, Sierra Club Books, pp. 255-278.

Santana, Deborah Berman. 2005. "Vieques: The Land, the People, the Struggle, the Future," in *The Quest for Environmental Justice*, editor Robert Bullard, Sierra Club Books, pp. 222-238.

Hoerner, J. Andrew and Nia Robinson. "Just Climate Policy – Just Racial Policy," *Race, Poverty, and Environment*, Vol 16, no 2, Fall 2009, pp. 32-35. Available at: <http://urbanhabitat.org/cj/hoerner-robinson>

Morales, Evo. Nov 28, 2008. "Save the Planet from Capitalism – Letter from President Evo Morales about Climate Change and the International crisis." Available at: <http://climateandcapitalism.com/2008/12/01/evo-morales-on-climate-change-save-the-planet-from-capitalism/>

Movement Generation. 2014. Redefining Resilience: Principles, Practices, and Pathways. Pathways to Resilience Working Paper, January 24, 2014. (19 pp)

Indigenous Environmental Network et al. "Indigenous People's Guide: False Solutions to Climate Change." (15 pp) Available at: http://www.earthpeoples.org/CLIMATE_CHANGE/Indigenous_Peoples_Guide-E.pdf

Global Alliance for Incinerator Alternatives. "Clean Development Mechanism Funding for Waste Incineration: Financing the Demise of Waste Worker Livelihood, Community Health, and Climate." (4 pp) Available at: <http://www.no-burn.org/downloads/Clean%20Development%20Mechanism%20Flyer.pdf>

Speth, Gus. May 28, 2010. "Towards a New Economy and a New Politics." *Solutions Journal*, Vol 1, No 5, pps 33-41. Available at: <http://thesolutionsjournal.com/node/619>

Video (10 min): *Where We Live*, about campaign against California's Proposition 23 in 2010, <http://wherewelivefilm.org/>

Optional Readings

Hoerner, J. Andrew and Nia Robinson. "A Climate of Change: African Americans, Global Warming, and a Just Climate Policy for the US," July 2008, Environmental Justice and Climate Change Initiative and Redefining Progress. Available at Trunk.

Pastor, Manuel et al. In the Wake of the Storm: Environment, Disaster, and Race after Katrina. Russell Sage Foundation, New York, 2006. Available at: http://katrinareader.org/sites/katrinareader.org/files/wake_of_the_storm.pdf

Week 8: Oct 23. Community Strategies

Explore community organizing and movement building strategies used in environmental justice struggles.

Required Readings (~80)

Cole & Foster Chapter 7 (pp 151-166)

Delgado, Gary. "Roots of the CO Movement," in *Beyond the Politics of Place*. Applied Research Center, 1997. pp 19-30.

Calpotura, Francis. "Letters to Alinsky," *ColorLines*, Winter 2000-2001, pp. 8-11.

Center for Third World Organizing. "Organizing: What It Is and What It Isn't"

Reed, Ronald and Tony Johnson (eds.) 1999. "Chapter 13: Paolo Friere," in *Philosophical Documents in Education*. Longman Publishers, pp. 225-239.

Radical Organizing Conference 2003 booklet. Available at Trunk Resources.

Lowe, Lydia and Doug Brugge. 2007. "Grassroots Organizing in Boston Chinatown: A Comparison with CDC-style Organizing," in *Acting Civically* edited by Susan Ostrander and Kent Portney. University Press of New England. Pages 44-71. Available through google books.

Optional Readings

Delgado, Gary. "The Last Stop Sign: If community organizing is to live, it must change," *Shelterforce Online*, Issue #102, Nov/Dec 1998. Available at: <http://www.nhi.org/online/issues/102/stopsign.html>

Payne, Charles. *I've Got the Light of Freedom*. University of California Press. 1997. Chapter 3. pp. 67-102.

Week 9: Oct 30. Government Strategies and Risk Assessment

Explore government responses to EJ and role of risk assessment.

Site visit journals due.

Required Readings (~100)

Executive Order 12898 – Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, February 11, 1994, available at:
http://www.epa.gov/compliance/ej/resources/policy/exec_order_12898.pdf

US EPA. Sep 2011. "Plan EJ 2014." Available at: <http://www.epa.gov/environmentaljustice/resources/policy/plan-ej-2014/plan-ej-exec-sum.pdf>

US EPA Environmental Justice website: <http://www.epa.gov/environmentaljustice/index.html>

Eady, V (2003) Environmental Justice in State Policy Decisions In Agyeman, J, Bullard, RD and Evans, B (eds) (2003) *Just Sustainabilities: Development in an Unequal World*. Cambridge. MIT Press. Pp 168-181

Targ, Nicholas. 2005. "The States' Comprehensive Approach to Environmental Justice," in Pellow, David Naguib and Robert Brulle (eds) *Power, Justice, and the Environment*. Cambridge, MA. MIT Press. Pp 171-184.

Commonwealth of Massachusetts (2000) Environmental Justice Policy of the Executive Office of Environmental Affairs. Available at: <http://www.mass.gov/eea/grants-and-tech-assistance/environmental-justice-policy.html>

EPA (1991) Risk Assessment for Toxic Air Pollutants: A Citizen's Guide, available at:
http://www.epa.gov/oar/oaqps/air_risc/3_90_024.html

Corburn, Jason. 2005. "Chapter 1: Local Knowledge in Environmental Health Policy," *Street Science*. Cambridge, MA. MIT Press, pp. 25-45.

Goldman, Benjamin. 2000. "An Environmental Justice Paradigm for Risk Assessment." *Human and Ecological Risk Assessment*. Vol. 6, No 4, pp 541-548. Available through Tisch Library electronic journals.

Optional Readings

US EPA. April 2011. "NEJAC Comments to EPA EJ Plan 2014," A Report of Advice and Recommendations of the National Environmental Justice Advisory Council. Available at:

<http://www.epa.gov/compliance/ej/resources/publications/nejac/plan-ej-2014-comments-0511.pdf>

Hastings College of the Law/American Bar Association (2004) Environmental Justice For All: A Fifty-State Survey Of Legislation, Policies, and Initiatives. pp. 5-11 (CA), 22-25 (MA). Available at: <http://gov.uchastings.edu/public-law/docs/ejreport-fourthedition.pdf>

Week 10: Nov 6. Case Study: Transportation

Film: *Equal or Better: The Story of the Silver Line*. Focus on transit racism and disinvestment in Boston area and impact on communities of color.

Required Readings (~90)

Lopez, Russ. "Racial Segregation and Transportation Justice in an Urban Community: The Case of the Boston T Riders Union," Boston University School of Public Health, August 2005. Available at:

http://russlopez.com/yahoo_site_admin/assets/docs/Boston_T_Riders_Union_Case_Study.37140131.doc.

Otake, Masaya. "Analysis and Strategies for Transit Justice in Greater Boston," Policy Analysis Exercise, Harvard University Kennedy School of Government, April 2002, pp. x-xv.

Race, Poverty, & the Environment, issue on "Transportation Justice", Vol. 12, No.1, Winter 2005/2006, pp. 6-31, 47-58, 68-78. Available at: <http://www.urbanhabitat.org/moving>

* all articles in Global Analysis and Strategies section, except the last one

* in Case Studies and Solutions section, read articles 1-4 and 9-13.

Rast, Joel. 2006. "Environmental Justice and the New Regionalism," *Journal of Planning Education and Research*, vol 25, pp 249-263. Available through Tisch Library electronic journals.

Bus Riders Union website at: <http://www.busridersunion.org/engli/index.html>

Optional

Movie (DVD), *Bus Riders Union* (available to borrow).

Week 11: Nov 13. Legal Strategies and EJ in Native American Communities

Explore legal strategies to address environmental justice. Also explore issues in Native American communities.

Required Readings (~105)

Cole & Foster Chapter 5 and 6 (pp 103-150)

Benson, Eugene. 2006. "Commonwealth makes strides in combating environmental injustice, but journey has just begun," *section review*, Massachusetts Bar Association, Vol. 8, No. 2, pp. 3-5.

Massachusetts Environmental Justice Network Training. 1995. Massachusetts Continuing Legal Education. pp. 1-10.

Gordon, Holly and Keith Harley. 2005. "Environmental Justice and the Legal System," in Pellow, David Naguib and Robert Brulle (eds) *Power, Justice, and the Environment*. Cambridge, MA. MIT Press. Pp 153-170.

Gedicks, Al. 2005. "Resource Wars against Native Peoples," in Bullard, Robert (ed) *The Quest for Environmental Justice*. San Francisco. Sierra Club Books. pp 168-187.

Goldtooth, T (1995) 'Indigenous nations: Summary of sovereignty and its implications for environmental protection' in Bryant, B (ed) *Environmental justice* Washington DC. Island Press. pp 138-148.

Optional Readings

- Cole, Luke. 1992. "Empowerment as the Key to Environmental Protection: The Need for Environmental Poverty Law," *Ecology Law Quarterly*, vol. 19:619-683. Available through Tisch Library electronic journals.
- Wilson, Sean-Patrick. 2006. "Fighting the Good Fight: The Role of Environmental Civil Rights Litigators Going Forward and the Need for a Continuance of the Litigation Tool in the Environmental Justice Movement," *Western New England Law Review*, vol. 28, #293. Available through Tisch Library electronic journals.
- Grijalva, James M. 2011. "Self Determining Environmental Justice for Native America," *Environmental Justice* Vol. 4 Number 4, p. 187-192. Available through Tisch Library electronic journals.

Week 12: Nov 20. Future of Environmental Justice

How is the EJ movement evolving? Has it run its course? Is there "movement fusion" happening? What are the new directions connecting to or growing out of the EJ movement?

Final opinion papers/book reviews due.

Required Readings (~75)

Agyeman. Chapters 6 (pp 176-186).

Benford, Robert. 2005. "The Half-Life of the Environmental Justice Frame: Innovation, Diffusion, Stagnation," in Pellow, David Naguib and Robert Brulle (eds) *Power, Justice, and the Environment*. Cambridge, MA. MIT Press. Pp 37-54.

Morales, Alfonso. 2011. "Growing Food and Justice: Dismantling Racism through Sustainable Food Systems," in Alkon, Alison Hope and Julian Agyeman (eds) *Cultivating Food Justice: Race, Class, and Sustainability*. MIT Press. Pp. 149-176.

Pena, Devon. 2005. "Autonomy, Equity, and Environmental Justice," in Pellow, David Naguib and Robert Brulle (eds) *Power, Justice, and the Environment*. Cambridge, MA. MIT Press. Pp 131-151.

Optional Readings

Shellenberger, Michael and Ted Nordhaus. "The Death of Environmentalism." Breakthrough Institute. October 2004. Available at:
http://www.thebreakthrough.org/images/Death_of_Environmentalism.pdf#search=%22death%20of%20environmentalism%22

No class Thur Nov 27 Thanksgiving

Week 13: Dec 4. Student Project Presentations

Final group project presentations.