

FACULTY OF ENVIRONMENTAL STUDIES
York University
MES Program

ENVS 6175 Global Environmental Politics, SPRING 2012

Instructor: Anna Zalik

Office Hours: Mondays, after class 1:30-2:30 or by appointment, HNES 273

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Term: Spring 2012

Calendar Description: Advanced exploration of the linkages between the global political system and the world's natural environment. In particular, the course addresses: history of conceptions of the environment as a political issue in the global arena; theories of international conflict and cooperation with respect to the natural environment; interactions between the current global political economy and the environment; and empirical investigation of key issue areas which illustrate the above concepts.

Prerequisite

Graduate standing. The prerequisite for the course is envs 5124 or background in international relations/political economy or critical development studies. If this material is new to you, you are highly encouraged to read one or more of the following (available in various editions) prior to January:

- Rist, G. The History of Development: From Western Origins to Global Faith.
- McMichael, P. Development and Social Change: A Global Perspective.
- Hoogvelt, A.. Globalization and the Post-Colonial World.
- Martinez-Alier, J. The Environmentalism of the Poor.

Time and Location HNES 141

Mondays, Wednesdays (1030-130) and Thursdays (12.30-330) starting Wednesday May 2nd.

Note: Monday May 7th we will start at 10 am

10:30-130 pm May 2 (Wed), 7 (Monday), 9 (Wednesday), 14 (Monday), 16 (Wednesday), 23 (Wednesday), 28 (Monday)

12:30 - 3:30 pm Thursdays: May 3, May 10 , May 17

Note: due to field trips May 17 and May 28 will start at 8/830 am in alternate locations

Purpose and Objectives of the Course

The course provides an understanding of the relationship between contemporary global environmental politics and trans-national social relations of production-consumption. It involves exploration of socio-historical and theoretical perspectives concerning society-nature relations with a focus on the commodification of nature, ecological conflicts, and the regulation of particular natural resources under global markets. The first four classes examine key theoretical approaches concerned with socio-ecological commodification, including conflicts over this

process, under global capitalism. This portion of the course pays particular attention to political ecology and environmental regulation, (post) colonial critiques and histories of human/labour/nature relations, actor network theory, the political economy of natural resource conflict, and ecological Marxism. The subsequent classes concern particular globally-traded commodities, the historical power relations and political economies that shape their exploitation and extraction, and contemporary regional and/or global regulatory regimes related to these. A number of field trips/visits/case studies will help us to connect theory and practice, and to understand global environmental politics as essentially 'multi-scalar', involving people and the natural environment operating at once locally, regionally and globally.

Format:

The course will take a seminar format in which active participation and engagement with course themes is central. Students will be responsible for providing summary presentations and questions for discussion on readings in every class, which will be complemented by lecture (where appropriate) and reflection/preparation for field outings. Students are expected to show respect and consideration in all field outings and to be particularly sensitive to questions of inter-cultural communication, coloniality and class/race/gender privilege during these outings. There are two proposed options for one of the classes. We will discuss student preferences on the first day of class.

Requirements:

My approach to teaching assumes that students are active participants in their own learning process. This rests on individual and collective responsibility for course material, and requires that all members come to class well-prepared to engage readings thoroughly and thoughtfully. Regular attendance and respect and attention for the work and opinions of one's colleagues in class is thus required. Students are expected to put care into completing course assignments including writing, reflection and facilitation of discussion.

A) Class participation: Class members must read all assigned materials and come to class prepared to discuss and ask questions concerning the reading. While the personal and professional experience and knowledge of students is valued, to keep our work on task discussion is expected to pertain to course themes and assigned materials. Each class, every student will be expected to present a question based on the weekly readings. In the second half of the course, particular attention will be paid to regulatory regimes.

B) Three weekly reflections on readings (1-2 paragraphs- short!): At the end of each week – Friday afternoon - each student will provide a 1 page (single-spaced) reflection paper, circulated among the class, concerning their learning from the material covered that week that offers connections to one of the readings from the following week. The reflection will select one or two key conceptual or empirical points raised in class as its focus.

C) In-Class Presentations/Facilitation

1. **2-3 per student:** Throughout the four week course each student will make 2-3 presentations . At least two will be on assigned readings and one may be related to one

of the three particular cases (or visits) or other topic of interest to the student. Students will also be asked to assist with logistics for the TBC field trip to Caledonia.

A research paper: Students will submit a final paper of approximately 15-17 pages (5000 words maximum). The paper will concern a theme related to the course, or as per the student's interests, concern a topic related to the course, **by May 14**. The proposal would indicate the title, key research questions/thesis, outline, and preliminary bibliography of sources. In all cases, the student *must* cite at least four of the assigned readings in the bibliography for both the proposal and the paper.

The completed paper is due on June 4th. The paper will be submitted as a double-spaced document to the instructor's mailbox in the HNES office, as well as electronically via email. Students must follow a consistent referencing/bibliographic format.

Required texts:

The readings on the list below will be provided. Students with minimal background in international studies, political economy or development studies may wish to consult the materials listed in the prerequisite section.

Evaluation

This course is normally taken for 3 credits. Students wishing to do additional work related to the subject of this course must discuss this with the instructor within the first week. The evaluations will only be qualitative, unless letter grades are explicitly requested within the week of class.

PLEASE NOTE: Students who feel that there are extenuating circumstances which may interfere with the successful completion of the course requirements are encouraged to discuss the matter with the Course Director as soon as possible. Students with physical, learning or psychiatric disabilities who require reasonable accommodations in teaching style or evaluation methods should discuss these with the Course Director right away so that appropriate arrangements can be made.

Moodle Site

A moodle site has been created for the course onto which lecture notes and some materials will be posted. Please sign up for moodle and register yourself in the course.

Schedule of Topics and Readings

Part I: Power and Nature: The Politics of Ecological Regulation

Class1, Wednesday May 2– Approaching Environmental Regulation
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Castree, N. (2004). "Nature is Dead! Long Live Nature" *Environment and Planning A*.ps 191-194.

Smith, Neil. "Nature as Accumulation Strategy" in Panitch and Leys *Coming to Terms with Nature: Socialist Register 2007*. New York, Monthly Review Press.

Latour, B. On Actor Network Theory. See <http://www.cours.fse.ulaval.ca/edc-65804/latour-clarifications.pdf> (read to second paragraph on page 6.)

Recommended:

Altvater, E. (1998). "Global Order and Nature" p 19-44 in Keil et al *Political Ecology: Global/Local*. Routledge. Available as an e-book via York library and in course readings.

`Wall Street is a way of Organizing Nature`. Interview with Jason Moore (39-53 in *Upping the Anti* no. 12 – A Journal of Theory and Action`

Angel, D; T. Hamilton and M. Huber (2007). `Global Environmental Standards for Industry` in *Annual Review of Environment and Resources*. 32, pp 295-316

Castree, N. (2002) " False Antitheses? Marxism, Nature and Actor-Networks." *Antipode* 34, 1. ps 111-146.

Class 2, Thursday May 3– Commodification and Conflict 1: Violence NOTE 2:30-5:30 pm

Peluso and Watts (2001). Introduction to *Violent Environments*. pgs 3-30. Ithaca: Cornell University Press.

Homer-Dixon, Thomas (2000) Selections from *Environment, Scarcity and Violence* (brief).

Nordstrom, C. (2000). "Shadows and Sovereigns." *Theory, Culture and Society* 17, 4. pp 35-54.

Homer Dixon, Watts and Peluso Debate Violent Environments. ECSP report. Available via moodle or at <http://www.homerdixon.com/download/exchange.pdf>

See also Jantzi Sustainalytics Controversial Weapons Radar (ties into subsequent class at Jantzi): <http://sustainalytics.com/controversial-weapons-radar>

Recommended

Mutersbaugh, T. (2008), Oaxaca: Terror and Non-Violent Protest in a Video Age. *Antipode*, 40: 205–210. doi: 10.1111/j.1467-8330.2008.00585.x (Links to next two classes).

Li, Tania (2009). "Reflections on Indonesian violence: Two tales and three silences" p 163-180 in Panitch and Leyds (eds) *Socialist Register 2009: Violence Today*. Monthly Review Press.

Le Billon, P. (2001). "The Political Ecology of War: natural resources and armed conflicts." *Political Geography* 20, 561-584.

Class 3, Monday May 7 – Commodification and Conflict 2: 'Regulation'. CLASS STARTS AT 10 AM

Lipietz, A. (1997). "The post-Fordist world: labour relations, international hierarchy and global ecology." *Review of International Political Economy*, Volume 4, Issue 1 : p 1 – 41 (4 pages only)

Harvey, D. (2001). "Globalization and the 'Spatial Fix'." *geographische revue*.2. 23-30.

Kaika, M. (2004). "Interrogating the Geographies of the Familiar: Domesticating Nature and Constructing the Autonomy of the Modern Home." *International Journal of Urban and Regional Research*. 265-286. (Subject to Change)

Bakker, Karen. (2007). The "Commons" Versus the "Commodity": Alter-globalization, Anti-privatization and the Human Right to Water in the Global South. *Antipode*. 39, 3. p 430-455.

O'Connor, J. (1991) "On the Two Contradictions of Capitalism." *Capitalism Nature Socialism* 2, 3. (3 pages only)

Additional background

NAFTA Ch.11 disputes:

<http://www.policyalternatives.ca/sites/default/files/uploads/publications/National%20Office/2010/11/NAFTA%20Dispute%20Table.pdf>

What is the Toronto Stock Exchange? http://www.tmx.com/en/investor_relations/faq/index.html

How are stock prices determined? <http://www.dollarsandsense.org/archives/2002/0502dollar.html>

Recommended.

Gunningham, N. (2009). "Environment Law, Regulation and Governance: Shifting Architectures." *Journal of Environmental Law* 21, 2; pp 179-212.

Roth, Robin (2006). "Two-dimensional maps in multi-dimensional worlds: A case of community-based mapping in Northern Thailand." *Geoforum* 38, p 49-59.

Bakker, K and G. Bridge (2006). "Material Worlds: Resource Geographies and the Matter of Nature." *Progress in Human Geography*.30.1. 5-27.

Jessop, B. (1997). "Twenty years of the (Parisian) regulation approach: The paradox of success and failure at home and abroad." *New Political Economy* 2, 3. 503-526. Selections.

Palan, R. (2006). "Is the Competition State the New, Post-Fordist, Mode of Regulation? Regulation Theory from an International Political Economic Perspective." *Competition & Change* 10, 2 246–262.

Troubworst, A. (2009). "The Precautionary Principle and the Ecosystem Approach in International Law: Differences, Similarities and Linkages." 18, 1. *RECIEL (Review of Comparative and International Environmental Law)*. Pp 26-37.

Lipietz, A. (2000). "Political Ecology and the Future of Marxism." *Capitalism Nature Socialism*. At http://lipietz.net/spip.php?page=article&id_article=294 39, March.

Class 4/5 , Wednesday May 9 and Thursday May 10: The Contradictions of Capitalism – Labour and Nature

NOTE: Wednesday May 9th class will be held at the Steelworkers Hall, (near Spadina and College). Our host/guest speaker will be Gerry LeBlanc. Meet there at 25 Cecil Street 10:30 am

NOTE, May 10th: 4-7pm HNES 141

O'Connor, J. (1991) "On the Two Contradictions of Capitalism." *Capitalism Nature Socialism* 2, 3. (3 pages only)

Polanyi, K. (1957). "The Self Regulating Market and the Fictitious Commodities: Labor, Land Money". *The Great Transformation*. Boston, Beacon Press. p 68-76.

Mills, S. E. (2011). "Beyond the Blue and Green: The Need to Consider Aboriginal Peoples' Relationships to Resource Development in Labor-Environment Campaigns " *Labor Studies Journal* 36 (1): 104-121.

Lohmann, L. (2009). "Uncertainty Markets and Carbon Markets: Variations on Polanyian Themes." *New Political Economy*. <http://www.thecornerhouse.org.uk/pdf/document/NPE2high.pdf>

Gereffi, G. "A Commodity Chains Framework for Analysing Global Industries." Duke University. 1-9. (posted)

Background information for May 9 field visit (required, at least in part)

Vale Inco strike background. Herman Rosenfeld (2010): <http://basicsnews.ca/?p=411>

Gregor Murray 'discussion paper'; Newfoundland Government commissioned report on Voisey's Bay strike, starts at p 93 onward in pdf. At http://www.gov.nl.ca/LRA/publications/IIC_report2.pdf

<http://www.usw.ca/workplace/campaigns/campaigns/vale>

See also www.fairdealnow.ca

Additional background.

http://therealnews.com/t2/index.php?option=com_content&task=view&id=31&Itemid=74&jumival=4970

and

http://therealnews.com/t2/index.php?option=com_content&task=view&id=31&Itemid=74&jumival=4292

Letter of solidarity from National Network of People Affected by Vale (Brazil) 2010.

<http://www.fairdealnow.ca/wp-content/uploads/2010/09/letter-to-9508-2.pdf>

Moore, Michael – yes that one. (2011) "Why I support the people of Thompson, Canada and why you should do." Huffington Post, February 2011. http://www.huffingtonpost.com/michael-moore/why-i-support-the-people_b_828238.html

Recommended

Said, Edward (1985). "Orientalism Reconsidered." *Cultural Critique* 1. pp. 89-107.

March 2011 issue of Labour Studies Journal includes various articles relevant to this and other weeks regarding labour-environmentalist alliances and conflict.

Mann, G. (2009). "Time Space and Money in Capitalism and Communism." *Human Geography* 1 (2) 4-12.

Adkin, L. (1998). "New Social Movements, Labour and Theories of Social Change" *The Politics of Sustainable Development: Citizens, Unions and Corporations*. Black Rose, Montreal.

Jessop, B. (2006) "Spatial Fixes, Temporal Fixes, and Spatio-Temporal. Fixes", in N Castree and D Gregory, eds, *David Harvey: a Critical Reader*. Blackwell.

Haraway, Donna (1988). "Situated Knowledges: The Science Question in Feminism and the Privilege of Partial Perspective." *Feminist Studies*. 14,3. p 575 – 599.

Coronil, F. (2000). "Towards a Critique of Globalcentrism: Speculations on Capitalism's Nature." *Public Culture* 12(2): 351–374.

Moore, J. (2000) "Environmental Crises and the Metabolic Rift in Historical Perspectives" *Organization and Environment* 13, 2. p 123-156.

Sawyer and Agrawal (2000). "Environmental Orientalisms." *Cultural Critique* 45. pp 71-108.

Moore, J. (2003). The Modern World-System as environmental history? Ecology and the Rise of Capitalism. *Theory and Society* 32: 307-377, 2003. Selections.

Bellamy Foster, J. (1999). "Marx's Theory of Metabolic Rift. Classical Foundations for Environmental Sociology". *American Journal of Sociology*, 105, 2. 366-405.

Peet, R. and Watts, M. eds (2004/1996). *Liberation Ecologies: environment, development, social movements*. Routledge (new edition soon out).

Baviskar, Amita (2005). "Red in Tooth and Claw: Looking for Class in Struggles over Nature" in M. Katzenstein and R. Ray in *Rethinking Class and Poverty: Social Movements in India in a Transitional Age*. Rowman and Littlefield.

Part II Extraction and Resource Commodities: Merging Production/Consumption.

Class 6a or b Monday May 14: Oceans - Seamen, Fish and Toxics.

Paper proposals due

Rediker, M. and P. Linebaugh (1999). "The Many-Headed Hydra: Sailors, Slaves, and the Atlantic Working Class in the Eighteenth Century," *Journal of Historical Sociology*, 3. 191-214.

Dodds, K. (2010). "Flag planting and finger pointing: The Law of the Sea, the Arctic and the political geographies of the outer continental shelf." *Political Geography* 29, p 63-73.

Vanderveest, P. (2007). "Certification and Communities: Alternatives for Regulating the Environmental and Social Impacts of Shrimp Farming . *World Development* 35, 7: 1152-71.

Recommended

Wolff, Aaron (2007). Shared Waters: Conflict and Cooperation. *Annual Review of Environment and Resources*. 007. 32:241-69.

Clark, B and Clausen, R. (2008). "The Oceanic Crisis: Capitalism and the Degradation of Marine Ecosystems." *Monthly Review* - July/August. <http://www.monthlyreview.org/080804clark-clausen.php>

Rogers, Ray (1998). "The Atlantic Fishery" p 102-119 in Keil et al *Political Ecology: Global/Local*.

Anglin, R. (2007). "International Environmental Law Gets its Sea Legs: Hazardous Waste Dumping Claims under the ATCA. *Yale Law and Policy Review* 26. Pp 231-264 See http://www.eoearth.org/article/Transboundary_dumping_of_hazardous_waste%3E

OR Class 6b May 14: Forests/Empires

Paper proposals due

Fairhead, J. and M. Leach (1996). "Introduction" to *Misreading the African landscape: society and ecology in a forest-savanna mosaic*. p 1-19 Cambridge University Press. E book available through library.

Vandergeest, P. (2003) 'Racialization and Citizenship in Thai Forest Politics,' *Society & Natural Resources* 16, 119 – 37.

Prudham, S. (2008). 'Tall Among the Trees': Organizing a Globalist Forestry in Rural British Columbia'. *Journal of Rural Studies* . 24,2 p182-196.

Recommended

Prudham, S. (2005). *Knock on Wood*. Selections from chs 1, 2 and 3. p 24-84. New York, Routledge.

Vandergeest and Peluso (2006). "Empires of Forestry: Professional Forestry and State Power in Southeast Asia, Part 1" *Environment and History* 12 (2006): 31–64.

Vandergeest and Peluso (2006). "Empires of Forestry Part 2". Selections. *Environment and History* 12 (2006): 359–93.

Class 7, Wednesday May 16: Oil Extraction and Spillages.

Mitchell, T. (2009) "Carbon Democracy." *Economy and Society*. 38:3,399 — 432

Harrison, J. (2008). "Conflicting Interpretations: The Slops Incident and the Application of the International Oil Pollution Liability and Compensation Regime to Offshore Storage and Transfer Operations." *Journal of Environmental Law*. 455-464. (May be altered if I can locate an appropriate piece on Deepwater Horizon or recent Tar Sands cases).

Zalik, A. (2009). "Zones of Exclusion: Offshore Extraction, the Contestation of Space and Physical Displacement in the Nigerian Delta and the Mexican Gulf." *Antipode* 41, 3: 557-582.

Gulf of St. Lawrence Moratorium: <http://www.coalitionssaintlaurent.ca/en/coalition?/english>
<http://rabble.ca/blogs/bloggers/council-canadians/2012/03/offshore-drilling-gulf-st-lawrence>

Recommended

See Geoforum special issue on peak oil (2010).

Labban, M. (2008) *Space, Oil and Capital*. London, Routledge. Selections from Chapters 1 and 2.

Mitchell, T. (2002). "McJihad: Islam in the US Global Order." *Social Text* 20, 4: 1-18

Nesterowicz, M.A. (2006). "An Economic Analysis of Compensation for Oil Pollution Damage: Recent Developments in Respect of International Oil Pollution Compensation Funds". *Journal of Maritime Law & Commerce*. 77,4 559-566.

Zalik, A. (2011). "Protest as Violence in Oilfields: The Contested Representation of Profiteering in Two Extractive Sites" in Feldman, Geisler and Memon *Accumulating Insecurity: Violence and Dispossession in the Making of Everyday Life. (re Tar Sands and Nigeria)*

Ibrahima, D. (2006). Recovering Damage to the Environment *per se* Following an Oil Spill: The Shadows and Lights of the Civil Liability and Fund Conventions of 1992." *RECIEL* 14, 1 pp 63-71.

**Class 8 : Thursday May 17 CLASS STARTS AT 8:30 AM at Ontario Food Terminal: Marketing Food (and Agriculture) 165 The Queensway, <http://www.oftb.com/>
http://www.blogto.com/eat_drink/2007/10/inside_the_ontario_food_terminal/**

Entrance off the Queensway (bus from Old Mill subway; or Queen Car stop at Humber Loop).

Friedberg, S. (2007). "Supermarkets and Imperial Knowledge" *Cultural Geographies* 14 (3), pp. 321-342.

Fridell, Gavin (2007). "Fair-Trade Coffee and Commodity Fetishism: The Limits of Market-Driven Social Justice." *Historical Materialism* 15. p. 79-104.

Carney and Rosnoff (2009). Introduction (p 1-5) and ch.7 "Botanical Gardens of the Dispossessed" p 123-138 in *In the Shadow of Slavery: Africa's Botanical Legacy in the Atlantic World*. Berkeley, University of California Press.

Moore, Jason. (related to the discussion of the material in the interview, above 2011).
`Cheap Food & Bad Money: Food, Frontiers, and Financialization in the Rise and Demise of Neoliberalism`. http://www.jasonwmoore.com/uploads/Moore_Cheap_Food_and_Bad_Money.pdf

Recommended

Review of William Cronon's *Nature's Metropolis: Chicago and the Great West* (a classic in economic and environmental history) by E. Brake at <http://www.duke.edu/~ekb6/Review,%20Nature%27s%20Metropolis-3.pdf>

Araghi, Farshad (1995). "Global Depeasantization, 1945-1990". *The Sociological Quarterly* 36, 2: 337-368.

McMichael, (2007). "Feeding the World: Agriculture, Development and Ecology." In Panitch and Leys. *Coming to Terms with Nature*. Socialist Register 2007.

Benson, Peter. (2008). "Good Clean Tobacco: Philip Morris, biocapitalism, and the social course of stigma in North Carolina." *American Ethnologist* 35, 3, pp. 357–379.

Mutersbaugh T. (2005) "Fighting standards with standards: Harmonization, rents, and social accountability in certified agrofood networks". *Environment and Planning A*. 37 (11): 2033-2051.

Friedman, H. (1982). "The Political Economy of Food: The Rise and Fall of the Post-War International Food Order." *American Journal of Sociology*. 88, 248-286.

Class 9 Wednesday May 23: Mining, Extraction, Transparency – Class to be held at Jantzi Sustainability, 215 Spadina, 10.30 am

MINING

Szablowski, David. (2010) "Operationalizing Free, Prior, and Informed Consent in the Extractive Industry Sector? Examining the Challenges of a Negotiated Model of Justice" *Canadian Journal of Development Studies* 30, p 111 – 130.

Bracking, Sarah (2009). *Hiding Conflict over Industry Returns: A Stakeholder Analysis of the Extractive Industries Transparency Initiative*. University of Manchester, Brooks World Poverty Institute (also relevant to oil week).

El-Jack, Amani (2006). "Gendered Implications: Development-Induced Displacement in Sudan." in Vandergeest, P (et al). *Development's Displacements*. UBC Press., Vancouver, p 68-88.

BACKGROUND ON JANTZI: See also Jantzi Research/Jantzi Sustainalytics
<http://www.sustainalytics.com/>
Jantzi Research ESG <http://esg.ipe.com/Judging.asp> and
GRI <http://www.globalreporting.org/Home>

Recommended:

Campbell, Bonnie (2008). Regulation & Legitimacy in the Mining Industry in Africa: Where does Canada Stand? *Review of African Political Economy* 35, 117, 2008, 367 – 385

Goldcorp in Honduras.
http://rightsaction.org/articles/Honduras_gold_cost_050911.html

Ramirez vs. Copper Mesa and the TSX: <http://www.ramirezversuscoppermesa.com/index.html>

Blackfire in Chiapas: See <http://www.miningwatch.ca/en/categories/main-categories/company/blackfire>

Bill C-300: <http://www.miningwatch.ca/en/vote-bill-c-300-signals-strong-momentum-towards-regulation-canadian-mining-industry-overseas>.

Class 10, Thursday May 24: Ecosystem Services: Bioprospecting/piracy

Robinson D F, 2010, "Locating biopiracy: geographically and culturally situated knowledges" *Environment and Planning A* 42(1) 38 – 56

Sullivan, Sian, 2012. "Banking Nature? The Spectacular Financialisation of Environmental Conservation." doi: 10.1111/j.1467-8330.2012.00989, p 1-20.

Code, Lorraine (2006). "Public Knowledge, Public Trust: Toward Democratic Epistemic Practices." pp 237-70 (chapter ends p 277) in *Ecological Thinking: The Politics of Epistemic Location*. Oxford University Press.

Recommended

McAfee, K. (2003). "Neoliberalism on the molecular scale. Economic and genetic reductionism in biotechnology battles." *Geoforum* 34, 203-219.

Hayden, Cori (2007). "Taking as Giving: Bioscience, Exchange, and the Politics of Benefit-sharing" *Social Studies of Science*. 37: 729-758.

Hamilton, Chris. (2006). "Biodiversity, Biopiracy, and Benefits: What Allegations of Biopiracy tell us about Intellectual Property" in *Developing World Bioethics* 6, 3: 158-173.

* ETC Group. (2007). *Extreme Genetic Engineering: An Introduction to Synthetic Biology*. Available at http://www.etcgroup.org/en/materials/publications.html?pub_id=602.

ETC Group (2005). *Nanotech's "Second Nature" Patents: Implications for the Global South*. Available at http://www.etcgroup.org/en/materials/publications.html?pub_id=54

Robertson, M. (2006). "The nature that capital can see: science, state, and market in the commodification of ecosystem services" *Economy and Society D (Society and Space)*. 24, 367-387.

Class 11, Monday May 28 Coloniality and Control: Land and Water (6 hour class, field trip to Caledonia, to be confirmed).

Hill, S. (2009). `Constructing Historical Research from Home in the Shadow of the Six Nations – Caledonia Reclamation`. *American Indian Quarterly*. 479-498.

Alatout, S. (2008). 'States' of Scarcity: Water, Space, and Identity Politics in Israel, 1948-1959. *Environment and Planning D: Society and Space* 26 (6): 959-982. Selections.

Keefer, Tom - Six Nations Roundtable in Upping the Anti the Anti. Read Keefer, Background and Context, and choose one of the other interviews as well.

Swyngedouw, E. (2005). "Dispossessing H2O: The Contested Terrain of Water Privatisation." *Capitalism, Nature, Socialism* 61, 1. 81-98.

Caledonia/Six Nations Background material

Building Solidarity with Six Nations: An Interview with Tom Keefer

<http://linchpin.ca/content/Imperialism-colonialism/Building-solidarity-Six-Nations-interview-Tom-Keefer>

Historical Timeline of the Caledonia Land Claim: <http://www.cbc.ca/news/background/caledonia-landclaim/historical-timeline.html>

Amnesty International (2009). *Troubled Waters: Palestinians Denied Fair Access to Water*. <http://www.amnesty.org/en/library/asset/MDE15/027/2009/en/e9892ce4-7fba-469b-96b9-c1e1084c620c/mde150272009en.pdf> (This is a lengthy report p 1-20 and selections for presenters.)

For briefing see: <http://www.canadians.org/campaignblog/?p=6257>

Recommended

Bakker, K. (2003). "Archipelagos and networks: urbanization and water privatization in the South" in *The Geographical Journal* 328-341.

Bakker et al (2007) *Eau Canada*. Vancouver, UBC Press.

Prudham, S. (2004) "Poisoning the well: neoliberalism and the contamination of municipal water in Walkerton, Ontario." *Geoforum* 35, 343-359.

M. Kaika (2003) *Constructing scarcity and sensationalising water politics: 170 days that shook Athens*. *Antipode*, 35(5): 919-954.

See also week 7b

POSSIBLE ADDITIONAL

Class 12, May 29th (two hour class) Carbon – Commodifying the Atmosphere And Wrap UP

Llewelyn, J. (2007) "The Business of Climate Change: Challenges and Opportunities." *Lehmann Brothers* (no joke!) Selections.

MacKenzie, D. "Making things the same: Gases, emission rights and the politics of carbon markets." *Accounting, Organizations and Society* 34(3-4): 440-455.

Lohmann, L. (2009). "Uncertainty Markets and Carbon Markets: Variations on Polanyian Themes." *New Political Economy*. <http://www.thecornerhouse.org.uk/pdf/document/NPE2high.pdf> (from contradictions of capitalism week)

Recommended

Bumpus, A. and D. Liverman (2008). "Accumulation by Decarbonization and the Governance of Carbon Offsets." *Economic Geography* 84-2.127-155.

Gilbertson and Reyes (2009). *Carbon Trading: How it Works and Why it Fails*. Dag Hammarskjold Foundation. Occasional Paper Series No 7. Selections from Ch 1-3. <http://www.tni.org/carbon-trade-fails>

Bogojevic, S. (2009). "Ending the Honeymoon: Deconstructing Emissions Trading Discourses." *Journal of Environmental Law* 21, 3 443-468.

FINAL PAPER DUE JUNE 4th

Academic Honesty – THIS IS VERY IMPORTANT

All York students are subject to policies regarding academic honesty as set out by the Senate of York University and by the Faculty of Environmental Studies (FES). Students are strongly encouraged to read the Senate Policy on Academic Honesty, a copy of which can be found on the York University web-site (<http://www.yorku.ca/secretariat/legislation/senate/acadhone.htm>). FES is committed to maintaining the highest standards of academic integrity. Please be advised that conduct that violates the ethical or legal standards of the University community may result in serious consequences. For more information, please contact the Director, Student and Academic Services and/or the FES Writing Program Coordinator.

Research Ethics

Students who conduct a research study using human participants must submit the following for approval prior to the conduct of research:

1. three copies of a proposal outlining the purpose of the research and the methodology to be used
2. three copies of the Faculty of Environmental Studies Human Participants Research Protocol Form, and
3. three copies of the Written Informed Consent form or a script of Verbal Informed Consent (Verbal Informed consent is permissible only in extenuating circumstances, where written communication is not feasible).

This material will be reviewed by a Sub-committee of the Research and Awards Committee. Reviews will take up to 2 weeks from the date of submission. If the research is not approved prior to the conduct of the research, then the research will not have received research ethics clearance and will be deemed unacceptable for submission as a component of this course.

Information regarding the use of human participants in research studies may be found on the Faculty of Graduate Studies webpage <http://www.yorku.ca/grads/polc/ethics.htm>.

Students are advised that all human participants in the research must have either signed a written consent form or have provided oral consent for their participation in the research. Students also are advised that the consent forms must be retained by the Principal Investigator for two years following the completion of the research.

PLEASE NOTE:

Students who feel that there are extenuating circumstances that may interfere with the successful completion of the course requirements are encouraged to discuss the matter with the Course Director as soon as possible. Students with physical, learning or other disabilities who require reasonable accommodations in teaching style or evaluation methods should discuss this with the Course Director early in the term so that appropriate arrangements can be made.

Some Additional Resources

Various journals publish articles in the field of international development and global environmental politics. For those intending to pursue further work in this area, you are strongly encouraged to familiarize yourself with a broad range of publications. These include:

Annual Review of Environment and Resources
Antipode
Arctic
Canadian Journal of Development Studies
Capital and Class
Capitalism, Nature, Socialism
Comparative Studies in Society and History
Cultural Anthropology
Development and Change
Development in Practice
Development Policy Review
Economy and Society
Economic Geography
Environment and Planning - Society and Space
Geoforum
Global Environmental Change
Global Environmental Politics
IDS Bulletin
International Journal of Urban and Regional Research
Journal of Development
Journal of Developing Areas
Journal of Sustainable Development
Monthly Review
New Political Economy
Organization and Society
Political Geography
Politics and Society
Progress in Development Studies

Public Culture

Review of International Political Economy

RECIEL

Studies in Comparative International Development

Sustainable Development

Third World Quarterly

World Development

Numerous journals in Area and Country studies, Natural Resource law among others.

Some Websites

CCIC - Canadian Council for International Cooperation <http://www.ccic.ca/>

Climate Action Network

CIDA - Canadian International Development Agency www.acdi-cida.gc.ca

Corpwatch <http://www.corpwatch.org/>

Corner House

Dag Hammarskjold Foundation

DAWN Dev't Alternatives With women for a New Era <http://www.dawnnet.org>

Development Gateway (World Bank) <http://www.developmentgateway.org/>

Focus on the Global South <http://www.focusweb.org/>

Halifax Initiative www.halifaxinitiative.org

IDRC – International Dev. Research Centre www.idrc.ca

Institute of Development Studies <http://www.ids.ac.uk/ids/>

North South Institute <http://www.nsi-ins.ca/>

One World [Oneworld.net](http://www.oneworld.net)

Third World Network <http://www.twinside.org.sg/>

UNDP www.undp.org

UNEP www.unep.org

UNIFEM <http://www.unifem.org/>

UNRISD <http://www.unrisd.org/>

World Bank <http://web.worldbank.org>