



# INTERNATIONAL HONORS PROGRAM

comparative study around the world

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## **International Honors Program (IHP) Rethinking Globalization: Nature, Culture, Justice**

### **Environmental Policy and Governance (EPG) Cases & Issues in Environmental Policy ENVI-3000 (4 credits) Fall 2009 – Spring 2010**

**Professors: Oliver Fröhling (lead faculty [oliver.froehling@gmail.com](mailto:oliver.froehling@gmail.com)), ( Jennifer Jones ([jenleejones@gmail.com](mailto:jenleejones@gmail.com)), Peter Horsley ([p.g.horsley@massey.ac.nz](mailto:p.g.horsley@massey.ac.nz)))**

**Course overview:** This interdisciplinary course explores the complexity of global environmental problems in economic, political, cultural, biological and moral terms. It addresses the root causes of these problems, who suffers their consequences, and the divergences and convergences in how individuals, organizations, governments and multilateral processes are working in creative ways to generate solutions. The course draws on guest speakers, field visits and audio-visual material.

#### **Course key questions:**

- 1) What global and regional economic, political and social forces are creating environmental problems?
- 2) Who are the actors that define environmental issues and make policy? What are the points of intervention?
- 3) What is governance? How is it created and maintained?
- 4) How have different perspectives in environmentalism evolved?
- 5) What are our most important environmental challenges? Is climate change, as Al Gore has suggested, the most important crisis facing life on the planet? Are we heading towards the 'sixth extinction'? Or is climate change, as currently formulated, another way that the North appropriates the resources of the South? (e.g. bio-fuels)
- 6) Who is responsible for resolving environmental problems? What are the roles of global environmental institutions, national and regional governments, local organizations, communities & individuals and how do their strategies and institutional responses converge or diverge?

- 7) What actions and responses have been tried and how have they succeeded or failed?
- 8) What are the alternative strategies put forward by environmental professionals, scholars, grassroots organizations and individuals?
- 9) What is the relationship between environmental policy and economic globalization? How do policies support or resist globalization?
- 10) What is our ethical responsibility to the natural environment?

**Course methodology:** The course has a strong interdisciplinary and comparative emphasis and will be co-taught by Oliver Fröhling, Jennifer Jones, and Peter Horsley in Washington, D.C., Tanzania, India, New Zealand and Mexico. Guest speakers, community leaders and policy makers from urban and rural areas will be included in the program in all the countries visited. There will also be some student-led sessions.

**Student assessment:** There will be two short assignments, and three essays. The essays will draw on the assigned readings, class lectures and field visits and address how environmental issues and governance intersect. The essay in India must start making comparative assessments while the essay in New Zealand will additionally draw more extensively on the convergence and divergence of environmental management from Maori and governmental perspectives. The final essay in Mexico will stress the above with a strong comparative thrust based on the comprehensive learning in each of the countries that are part of the Program. The short assignments will be approximately 1000 words long and the essays will be between 2000 and 4000 words.

### Assignment Table

Assignment Title	% of course grade	Grading Instructor	Country Due	Tentative Due Date
Short Assignment (with ECCP)	10.00%	Oliver	DC	Sept 30
Short Assignment (with AFM)	10.00%	Oliver	DC	Oct. 1
Essay	20.00%	Oliver	IN	Dec 19

Essay	20.00%	Peter	NZ	Mar 4
Comparative Essay	20.00%	Oliver	MX	Apr 20
Portfolio	15.00%	Oliver	MX	

## Readings

Course readings will be drawn from a number of sources: journal and book chapters, community manifestos and declarations, short handouts, newspapers and periodicals, and well as films and power point presentations. A summer reader is provided before the start of the program and country-specific readers are provided for each country. The summer reader has preparatory readings on globalization and development and the country readers have country-specific readings to complement the course readings. Each country maintains an extensive in-country library with country and region specific texts in English that are a resource for student projects and essays.

## Course Chronology

### Washington, DC

#### 1. Foundation Lecture. The Main Political Notions of the Course

Morales, Evo. 2008. 20 Ways To Save Mother Earth And Prevent Environmental Disaster. 18 December, 2008. *Countercurrents.org*

The Ecologist. 1993. "The Commons Insurgent" and "Reclaiming the Commons". *Whose Common Future? Reclaiming the Commons*. London: Earthscan. (in Foundation reader)

Taussig, M. 1997. *The Magic of the state*. Routledge.

#### 2. Creating International policy: The Kyoto protocol

The Kyoto Protocol (excerpts) <http://unfccc.int/2860.php>

McKeowyn and Gary Gardner. 2009. Climate Change Reference Guide and Glossary. State of the World 2009. Worldwatch Institute.

#### 3. Creating Environmental issues: and policy: actors, and interventions.

Jensen, Derrick. 2009. Forget Shorter Showers: Why personal change does not equal political change. *Orion Magazine July-August 2009*.

Metzner, R. 1999. "Transition to the Ecological Age". *Green Psychology: Transforming Our Relationship to the Earth*. Rochester, VT:Park Street Press, pp. 171-182. (In Foundation Reader).

## **Guest lectures, field trips and community stays in DC**

### **Guest Speakers**

*John Cavanagh* – Director of the Institute for Policy Studies

*Joel Salatin* – Farmer (sustainable agriculture)

### **Site Visits**

DC Environmental NGO Case Study will include visits to:

- Coop America,
- Center for a New American Dream,
- Friends of the Earth.
- Population Connection,
- The Wilderness Society,
- African Wildlife Foundation, &
- The National Resource Defence Council

World Bank: Speaker from The World Bank Inspection Panel

Polyface Farms: tour and lecture from Joel Salatin will touch on the problems of US farm policy and governance. We will see how Polyface farms has managed to do eco-agriculture despite laws and policies that make it almost impossible for to implement sustainable practices.

## **Tanzania (Faculty: Jennifer Jones)**

### **4. The Diminishing Snows of Kilimanjaro: Agricultural policy, forest fires, or climate change?**

#### *Required Reading*

- Hemp, A. (2005). Climate change-driven forest fires marginalize the impact of ice cap wasting on Kilimanjaro. *Global Change Biology*, 11, 1013–1023.
- Mote, P.W. and G. Kaser (2007). The Shrinking Glaciers of Kilimanjaro: Can Global Warming Be Blamed? *American Scientist*, 95, 318-325.
- Soini, E. (2005). Land use change patterns and livelihood dynamics on the slopes of Mt. Kilimanjaro, Tanzania. *Agricultural Systems*, 85, 306–323.

#### *Supplemental Reading*

- Cawkwell, F. (2007) The disappearing snows of Kilimanjaro: Crossing the border of irreversible environmental change? *Chimera*, vol. 22, 125-139.

- Soini, E. (2006). Bird diversity and land use on the slopes of Mt Kilimanjaro and the adjacent plains, Tanzania. *African Zoology*, 41 (2), 193-209.

## **Guest lectures, field trips and community stays in Tanzania**

### **Guest Speakers**

*Tundu Lissu* - Tanzania Land and Natural Resources Issues and Conflicts

*William Olenasha* – Maasai Land Rights and Issues

*Naomi Kipuri* – Maasai Land Rights and Issues

*Emmanuel Kalonga* - HakiKazi Catalyst - a Tanzanian NGO that rewrites official documents in plain language to popularize policy and influence change by prompting the rights of all people to fully participate in discussions about social, technical, environmental economic and political issues

### **Community Stays**

Masaai Community Homestay in Terrat, Simanjiro - led by William Olenasha and Naomi Kipuri

### **Site Visits**

National Park Visits (Ngorongoro Crater/Lake Manyara) - Park vs Pastoralist Conflicts

Coffee farming on the slopes of Mt. Kilimanjaro: agricultural policy and water conflict

## **India**

### **5. Governance, Government and Nation-Building**

Singh, S. (1999). 'Environmental Governance in India'. In *Lokayan Bulletin*. Vol.11:3.

Desai, Bharat (2003). 'Strengthening International Environmental Governance'. In *The Value of Nature. Ecological Politics in India*. Edited by Smitu Kothari, Imtiaz Ahmad and Helmut Reifeld. New Delhi: Rainbow Publishers.

### **6. Tribals, Forests and the State: Towards Self-Rule**

Prasad, Archana (2006). 'Survival at Stake'. *Frontline*, Vol 23:26

Kothari, Smitu (2001). 'Sovereignty and Swaraj: Adivasi Encounters with Modernity and Majority'. In John Grim, ed., *Indigenous Perspectives and Ecology*, Cambridge: Harvard University Press.

### **7. Plural Perspectives: The State, the Community and Biodiversity**

Sahai, Suman. Why Civil Society Involvement Is Necessary For Agriculture Development. Gene Campaign

Ghose Janak Rana. 'Benefit Sharing of Genetic Resources. The Convention on Biodiversity, The Bonn Guidelines and Emerging ABS Framework'. Research Project on Protection of Indigenous Knowledge Biodiversity Briefing Paper 1, August 2004.

### **8. IPR, GE and Biopiracy**

*Peter Rosset. 2000. Genetic Engineering of Food Crops for the Third World: An Appropriate Response to Poverty, Hunger and Lagging Productivity? Proceedings of the International Conference on Sustainable Agriculture in the New Milenium. Tejaswini Apte and Ashish Kothari. Keep Biopiracy at Bay .*

## **Guest lectures, field trips and community stays in India**

### **Delhi**

*Mahesh Rangarajan – From Colonialism to Globalisaton – Wither India’s Environment*

### **Organic Farm – I**

Overview of People’s Biodiversity Register

### **Tadoba Tiger Reserve**

*TBA - People vs. Parks: Revisiting the Contentious Relationship*

Field visits inside the Reserve and to villages being displaced

### **Organic Farm – II**

*Vasant and Karuna – Culture and Agriculture: Sustaining the Land*

### **Self-Rule Village**

*Mohan Hirabhai Hiralal and Devaji – Evolving Tribal Self-Rule*

Experiencing Self-Rule and Self-Reliance

### **Kutch**

Impact of Globalization on traditional livelihoods

corporate green policies

impact of international policies on local communities

### **Tribal Villages**

*Pradip Prabhu - Who Should Govern the Forests?*

Field Visit to Warli Communities

## **New Zealand**

### **9. Introduction**

Wood, G., and Rudd, C. (2004). ‘Founding the New Zealand State: Promises and Grievances’; and ‘Challenges’. In *The Politics and Government of New Zealand – Robust, Innovative and Challenged*. University of Otago Press. pp 1-13 and 243-247.

### **10. Overview of Planning Framework**

Memon, P. Ali and Perkins, H. (2000). ‘Environmental Planning and Management: The Broad Context’. In *Environmental Planning and Management in New Zealand*. Edited by P Ali Memon and Harvey Perkins. Dunmore Printing Press, Palmerston North. pp 11-23.

- Erickson, N., Berke, P., Crawford, J., and Dixon, J. (2003). 'From Rio to RMA: Great Expectations'. In *Planning for Sustainability: New Zealand Under the RMA*. The International Global Change Institute, University of Waikato, Hamilton NZ. pp 1-14.
- van Roon, M., and Knight, S. (2004). 'Environmental and Resource Management Law in New Zealand'. In *Ecological Context of Development: New Zealand Perspectives*. Oxford University Press, Auckland. pp 269-286.
- Klein, U. (2005). 'Assessment of New Zealand's Environmental Planning Model', *New Zealand Journal of Environmental Law*, University of Auckland, Vol 9, pp 287-306.
- Dann, C., (2002). 'Losing Ground? Environmental Problems and Prospects at the Beginning of the Twenty-First Century'. In Pawson, E., Brooking T., *Environmental Histories of New Zealand*, Oxford University Press, Melbourne pp 275-287.

## **11. Biodiversity**

- van Roon, M., and Knight, S. (2004). 'Trends in New Zealand Terrestrial Biodiversity Management 1999-2002'. In *Ecological Context of Development: New Zealand Perspectives*. Oxford University Press, Auckland. pp 232-247.
- Coombes, B. (2003). 'Ecospatial Outcomes of Neoliberal Planning: Habitat Management in Auckland Region, New Zealand'. In *Environment and Planning B: Planning and Design*. Volume 30, pp 201-218.

## **12. Climate Change**

- Boston, J. (2006). 'The Political Challenges'. In *Confronting Climate Change – Crucial Issues for New Zealand*. Edited by Chapman, R., Boston, J., and Schwass, M. Victoria University Press, Wellington. pp 43-55.
- Weaver, S. (2006). 'A Scientific Backdrop to Climate Change Policy'. In *Policy Quarterly* Vol 2, No 1. The Institute of Policy Studies at Victoria University of Wellington. pp 10-20.
- Barrett, P. (2006). 'Will Unchecked Global Warming Destroy Civilisation by Century's End? What Three Degrees of Global Warming Really Means'. In *Policy Quarterly* Vol 2, No 1. The Institute of Policy Studies at Victoria University of Wellington. pp 5-9.

## **Guest lectures, field trips and community stays in New Zealand**

### **Guest lectures**

#### **Otaki**

*Mike Joy* - Water and Sustainability

*Anthony Cole* - Maori Knowledge and Western Science

#### **Wellington**

*John Hutchings* Fonterra - NZ Dairy co-operative multi-national

*Kevin Hackwell* - Forest & Bird (NGO)

*Jeanette Fitzsimons*, Co-leader Green Party, Parliament

*Scott Gulliver*, NZ Climate Change Office

*Stuart Turner*, NZ Carbon Market

### **Field trips**

#### **North Island:**

International Honors Program

Rethinking Globalization, Fall 2008 - Spring 2009

Environmental Policy and Governance

- Ngati Rangi program
- Tongariro National Park

#### South Island:

- Golden Bay Bioregional themes: sustainable agriculture, co-ops and local environmental and community politics
- Nelson Lakes/Kaikoura: Local conservation and environmental policies, pest control critique, social and industrial forestry, sustainable winery, Maori eco-tourism, local council environmental planning and waste minimization initiatives

#### Site visits

##### Otaki

- Gary Williams, organic farm & sustainable agriculture
- Lake Horowhenua restoration

##### Palmerston North

- Sue McCoard, local windfarm impacts

#### Mexico

##### **13. Water: the State (policy), the Market (commodity), the People (commons)**

Robert, J (1994). 'Defining alternative rules'. In *Water is a Commons*. México, D.F.: Habitat Internacional Coalition.

Instituto de la Naturaleza y la Sociedad de Oaxaca (2006). *Aguaxaca: A Holistic Approach to the Atoyac River Watershed, Aguaxaca 7-8*. August-October.

Barlow, M. and Tony Clarke (2004). 'The Struggle for Latin America's Water. *NACLA Report on the Americas*, July-August, Vol.38, Issue 1.

##### **14. From Policy to Action: Reclaiming Personal and Communal Agency**

Encounter Conviviality in the Age of Systems, *Political Manifesto of the Insubordinate*, typescript.

Illich, Ivan (1974). 'The energy crisis', "Dominant versus subsidiary motors" and 'Underequipment, overdevelopment and mature technology. In *Energy and Equity*, London: Calder & Boyars.

##### **15. Environmental Policy and Governance: Global and Local Options**

#### Guest lectures, field trips and community stays in Mexico

##### Mexico City

*Jorge Franco* - The internal logic of globalization: the enemy at home. The World Bank and local politics.

##### Ocotepc, Morelos

*César Añorve* - Alternatives in sanitation: Dealing with the environmental challenges at the grassroots.

## Mexico City

*Anthony Challenger* - Mexico's environment: overall situation, and programs from the view of the Federal Government.

## Oaxaca City

*Oliver Fröhling* and *Sergio Beltrán* - City tour: housing, wealth and water in Oaxaca.

*Juan José Consejo* - The Water Forum of Oaxaca.

## Oaxaca

Village stays.

Field trips.

Juchitán. Plan Puebla Panamá. Wind mills.

## San Cristóbal de Las Casas

*Gustavo Castro* - A geo-political economic mapping of Chiapas.

Stays in *Caracoles*.

## Some supplementary readings

Barkin, J. (1998). *Wealth, Poverty and Sustainable Development*. México: Editorial Jus.

---. 1999. *The Greening of Business in Mexico*. Geneva: UNRISD.

Gorz, A. (1980). *Ecology as Politics*. Boston: South End Press.

Lumms, J.D. (1996). *Radical Democracy*. Ithaca and London: Cornell University Press.

Robert, J. *Water is a commons*. México, D.F.: Habitat Internacional Coalition.

Scott, J. (1998). *Seeing Like a State*. New Haven and London: Yale University Press.

Wolf, E. (1998). *Envisioning Power: Ideologies of Dominance and Crisis*. San Francisco:

Regents of the University of California Press.

## Instructor Schedule:

DC	Tanzania	India	New Zealand	Mexico
Sept 14 to Oct 3	Oct 4 to Nov 20	Nov 21 to Jan 17	Jan 18 to Mar 5	Mar 6 to May 7
Oliver Fröhling				
	Jennifer Jones			
		Oliver Fröhling		
			Peter Horsley	
				Oliver Fröhling

**Course Policies:** Students are expected to attend all classes, guest lectures and field trips unless they have a medical excuse. Coursework is due on the assigned deadlines. Unexcused absences and late work will result in a lowering of the student's grade one full step per day (for example a B will drop to a B-).

**Plagiarism:** All students are responsible for having read the IHP statement on plagiarism, which is available in the Student Handbook. Students are advised that the penalty against students for cheating on examinations or for plagiarism may be expulsion from the program or such other penalty as may be recommended by the program director, subject to approval by the Executive Director.

**Grade Calculation Method:** Feedback in the form of grades and written comments will be provided on assignments. If students do not wish to see their grades they must indicate this on each assignment they submit. The following percent ranges will be used to determine letter grades.

A = 94-100%	B - = 80-83%	D+ = 67-69%
A- = 90-93%	C+ = 77-79%	D = 64-66%
B+ = 87-89%	C = 74-76%	F = below 64%
B = 84-86%	C- = 70-73%	
I = Incomplete		
W = Withdrawal (student initiated)	Note: SIT/IHP does not award A+ grades	
AW = Administrative withdrawal		

**10. IHP Student Handbook:** Refer to the IHP Student Handbook for policies on academic integrity, academic warning and probation, diversity and disability, harassment protocols, and the academic appeals process.

**11. SIT Study Abroad affiliation statement:** The International Honors Program is offered in affiliation with the School for International Training, the accredited higher education institution of World Learning.