



Bergen Summer Research School

› Global Development Challenges

Climate, Environment and Energy

22 June- 3 July 2009

PhD-Research Course: Framing Climate Change: Ethics,
Vulnerability and the Poor

Course Leaders

Asuncion Lera St.Clair, Department of Sociology, University of Bergen and Scientific Director of the Comparative Research Programme on Poverty (CROP), International Social Science Council (ISSC) (ASTC)

Victoria Lawson, Professor Department of Geography, University of Washington, Member of the Executive Board of the West Coast Poverty Center (WCPC) Seattle, USA. Professor II, Department of Sociology, University of Bergen.

Invited Course Leaders

- **Simon Caney**, Professor in Political Theory, University Lecturer, and Fellow and Tutor in Politics, Magdalen College, University of Oxford, UK
- **Helge Drange**, Professor, Geophysics, UiB and Bjerknes Centre for Climate Research

- **Mario Giampietro**, Professor, Universidad Autonoma de Barcelona
- **Karen O'Brien**, Department of Sociology and Human Geography, University of Oslo, Chair of the Global Environmental Change and Human Security (GECHS) project, International Human Dimensions Program on Global Environmental Change (IHDP)
- **Michael Thompson**, Institute Scholar, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria; and Fellow, James Martin Institute for Science and Civilization, Said Business School, Oxford University.

Disciplines: critical global poverty studies, sociology, human geography, cultural studies, environmental studies, public policy, social economics, development ethics, philosophy of science, ethics and political philosophy, epistemology and earth system science.

General Theme and Objectives of the Course

The course explores and critically analyses the ways in which emergent discourses around climate change, adaptation and mitigation are being framed by dominant actors. It presents a dialogue between critical poverty and development studies which question the economistic, scientific and technocratic nature of dominant poverty knowledge with an understanding of environmental challenges and climate change from the perspective of their human dimensions. This dialogue includes attending to critical ethical perspectives in all of these fields, questions of responsibility, equity and solidarity and epistemology. The course also engages in questions related to complexity and uncertainty and presents alternative policy framings for actions that may differ from more usual managerial and technocratic dominant perspectives. The course thus aims to introduce a more comprehensive understanding of how climate change is linked to social and economic development pathways, including the ways that individuals and communities perceive themselves in relation to one another and the world around them.

Pedagogical Approach

The course will use a decentralized pedagogical approach, with de-centered lectures and a focus on collaborative learning. Students are expected to read thoroughly no more than two texts for each of the lectures, yet they are expected to be active participants at all times in the course. In particular, each session will be led by designated students. Also, students are expected to produce 'think pieces' for each session. The assignment is to write a short,

unedited reaction to the reading assigned. These pieces can be 1 sentence, 1 paragraph or 1 page. These think pieces will become part of the lectures and our activities for that day. Last, students are expected to present the main ideas for their final paper, and all participants in the course, course leaders as well as students are expected to be active peer reviewers of such presentations. The overall goal of this course is to foment creative thinking around the question of climate change and its relations to poverty. This pedagogical approach and further details about the courses' practicalities will be presented in the first lecture.

Prerequisites and ECTS

ECTS will be awarded upon successful participation and completion of the course. Students will be awarded 10 ECTS if they present an essay by the due date, 15 August 2009, if they have attended to all the elements forming the BSRS program. This includes mandatory attendance to all the lectures, class presentations, and mandatory attendance to all the plenary events of the overall program of the Bergen Summer Research School (see program 2009 and practicalities web pages). All the course information is posted in 'My Space'. Students must make sure that they have prepared an abstract outlining the theme for the final paper they wish to build for this course before we start the last week of June. This preliminary abstract can then be developed, changed and evolved as the course advances. It is just a point of departure.

Lectures Schedule and Titles

Lecture 1: 'Introduction to Critical Global Poverty Studies' (23 June 14:00-16:00) Introduction of course participants; Introduction to the course and pedagogical approach

Lecturers: Asuncion Lera St. Clair and Victoria Lawson.

Readings:

Davis, Mike, *Late Victorian Holocaust* (2002), Preface & Chapter 1.

Escobar, Arturo. *Encountering Development* (1995) Chapters 1 &2
Princeton Academic Press.

St.Clair, Asuncion. et al, *Global Poverty and Climate Change: "The Responsibility to Protect"*

Lecture 2: 'The Science of Climate Change' (24 June 9:00-11:00)

Lecturer: Helge Drange

Readings:

IPCC, 2007: Summary for Policymakers. In: *Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Solomon, S., D. Qin, M. Manning, Z. Chen, M. Marquis, K.B. Averyt, M. Tignor and H.L. Miller (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Scientific Expert Group on Climate Change (SEG), 2007: *Confronting Climate Change: Avoiding the Unmanageable and Managing the Unavoidable* [Rosina M. Bierbaum, John P. Holdren, Michael C. MacCracken, Richard H. Moss, and Peter H. Raven (eds.)]. Report prepared for the United Nations Commission on Sustainable Development. Sigma Xi, Research Triangle Park, NC, and the United Nations Foundation, Washington, DC, 144 pp.

Lecture 3: 'Critical Global Poverty Studies and Climate Change' (25 June 14:00-16:00).

Lecturer: Victoria Lawson

Readings:

Harvey, D. *The new Imperialism* (2003) Oxford University Press. Chapter 4, 'Accumulation by Dispossession'.

Lawson, V. et al. (2008). 'Building Economies from the Bottom-Up' *Social and Cultural Geography*.

Watts, Michael J and G. Bohle, (1993) in *Progress in Human Geography*, 'The Space of Vulnerability: the causal structure of hunger and famine'

Lecture 4: 'Ditching the Development Parading: The Lessons from Nepal' (26 June 14:00-16:00)

Lecturer: Michael Thompson

Readings:

Thompson, M., 'Development and Climate Change in the Himalayan Region'.

Lecture 5: 'Transnational Methodology' (29 June 14:00-16:00): Lecturer: Victoria Lawson.

Readings:

Hart, Gillian "Denaturalizing Dispossession: Critical Ethnography in the Age of Resurgent Imperialism", Gillian Hart

Lawson, V., 'Presidential Address, Geographies of Care and Responsibility'.

Roy, A. 'Paradigms of Propertied Citizenship'.

(Simon Caney will have a session with students 29th June (11:30 to 13:00) His plenary Lecture *Climate Change and Human rights* (30 June 9:00-11:00) is an intrinsic part of the course).

Lecture 6: 'Complexity and Sustainability: challenges for Integrated Assessment' (30 June 14:00-16:00)

Lecturer: Mario Giampietro.

Readings:

Giampietro, M. et al (2005) 'Integrated assessment and energy analysis: Quality assurance in multi-criteria analysis of sustainability'

Giampietro, M et al. (2007) in *Ecological Complexity* Vol. 3 issue 4. The epistemological predicament associated with purposive quantitative analysis.

Lecture 7: 'How To Make Development and Climate Change Policies Clumsy' (1 July 9:00-11:00)

Lecturer: Michael Thompson

Readings:

Verweij, Marco (2007) "Is the Kyoto Protocol merely irrelevant, or positively harmful, for the efforts to curb climate change?" In Marco Verweij and Michael Thompson (eds) *Clumsy Solutions for a Complex World*, Basingstoke. Palgrave.

Lecture 8: 'Double Exposure: Are we creating a Context for Disaster' (1 July 11:30-13:00)

Lecturer: Karen O'Brien.

Readings:

O'Brien, Karen and Leichenko, Robin M. (2000), 'Double Exposure: Assessing the Impacts of Climate Change within the Context of Economic Globalization. Chapters 2 & 3

Lecture 9: 'Creative and Feasible Reframing of the Relations between Climate Change and Poverty: The Responsibility to Protect' (2 July 9:00-11:00)

Lecturer: Asuncion Lera St. Clair.

Readings:

'The Framing of Climate Change: Why it Matters'.

Karen O'Brien, St. Clair A, Kristoffersen B, (forthcoming in *Climate Change, Ethics and Human Security*, Edited by O'Brien & St. Clair & Kristoffersen, Cambridge University Press).

The required reading for each lecture will be accessible on-line using the studentportal. Go to "File Storage".

Extended Reading List

Adger, Neil and Kelli, Mick (2000), 'Social Vulnerability to Climate Change and the Architecture of Entitlements', *Mitigation and Adaptation Strategies for Global Change*, 4:3, 253-266

Agarwal, Anil, and Sunita Narain. (1991). *Global Warming in an Unequal World: A Case of Environmental Colonialism*. New Delhi: Centre for Science and Environment.

Bauer, Paul (2008) *The Right to Development in a Climate Constrained World: The Greenhouse Development Rights Framework*, Heinrich Böll Stiftung Publication Series on Ecology, Volume 1. (available online)

Banuri, K. Et al., (1996). 'Equity and Social Considerations. In *Economic and Social Dimensions of Climate Change: Contribution of Working Group III to the Second Assessment Report of the Intergovernmental Panel on Climate Change*', edited by B. James, L. Hoesung and H. Eric. NYC: Cambridge University Press.

Bebbington, A. and T. Perrault. 1999. 'Social Capital, development and access to resources in highland Ecuador' *Economic Geography* 75(4): 395-418.

Bello, W. 'Afterthoughts: A Primer on the Wall Street Meltdown' at waldenbello.org

Brown, Donald (2002) *American Heat: Ethical Problems with the United States' Response to Global Warming*. Lanham, Md.: Rowman & Littlefield.

Brown, Donald et al (2006) 'White Paper on the Ethical Dimension of Climate Change' <http://rocketethics.psu.edu/climate/whitepaper/whitepaper-intro.shtml>

Caney, Simon 'Cosmopolitan Justice, Responsibility, and Global Climate Change,' *Leiden Journal of International Law*, 18:4, 747-775.

Chambers, Robert (1997): 'Responsible Well-Being: A Personal Agenda for Development,' *World Development*, 25(11), 1743-54.

Crocker, David and Tobe Linden (eds.) (1997) *Ethics of Consumption: The Good Life, Justice, and Global Stewardship*, Rowman and Littlefield.

Douglas, Mary, Michael Thompson and Marco Verweij (2003) 'Is time running out? The case of global warming.' *Daedalus*, Spring: 98-107.

Epp, R. and Whitson, D. 2001. *Writing off the Rural West. Globalization, Governments and the Transformation of Rural Communities*. Edmonton: University of Alberta Press. Chapters, introduction, 6 and 17.

Gardiner, Stephen M. (2004) 'Ethics and Global Climate Change,' *Ethics* 114, 555-600.

Gardiner, Stephen, (2006), 'A Perfect Moral Storm: Climate Change, Intergenerational Ethics and the Problem of Moral Corruption,' *Environmental Values*, 15:3, 397-413.

Garvey, James (2008) *The Ethics of Climate Change: Right and Wrong in a Warming World*, London: Continuum.

Giampietro, M et al (2006) 'The epistemological predicament associated with purposive quantitative analysis' *Ecological Complexity* (307-327)

Giampietro, M. et al (2005) 'Integrated assessment and energy analysis: Quality assurance in multi-criteria analysis of sustainability' *Energy* (1-28)

Goode, J. and Maskovsky, J. 2001. *The New Poverty Studies*. Chapter 1.

Green, Maia. 2003. 'Presenting Poverty and Attacking Representations: Perspectives on Poverty from Social Anthropology' *Journal of Development Studies* 42(7): 1108-1129.

Jamieson, Dale (1992) 'Ethics, Public Policy and Global Warming' *Science, Technology and Human Values*, 17: 139-153.

- Jamieson, Dale (1996), 'Ethics and Intentional Climate Change,' *Journal Climatic Change*, 33:3, 323-336.
- Jamieson, Dale (2008), *Ethics and the Environment*, Cambridge: Cambridge UP.
- Jolly, Richard and Deepayan BasuRay (2007): Human Security – national perspectives and global agendas - Insights from National Human Development Reports, *J. of International Development*, 19(4), 457-472.
- Lawson, V., Jarosz, L. and Bonds, A. 2009. 'Dumping Grounds and Unseen Grounds: Placing Poverty, Race and Ethnicity in the American Northwest' Under revision for the *Annals of the Association of American Geographers*.
- Lawson, V. 2005. 'Geographies of Care and Responsibility' *Annals of the Association of American Geographers* 97(1): 1-11.
- Massey, D. 1994. 'A Global Sense of Place?' in *Space, Place and Gender*. Massey (Ed.) pp. 146-156. Minneapolis: University of Minnesota Press.
- Massey, D. 2005. *For Space*. London: Sage Publications. Chapter 5, 6 (55 -71) and 14.
- McNeill, Desmond and Asuncion Lera St.Clair (2009) *Global Poverty, Ethics and Human Rights: The Role of Multilateral Organizations*, London and New York: Routledge.
- Meadows, Donella et al (The Club of Rome) (1971), *The Limits To Growth*, London: Pan Books.
- Moseley, W. and Gray, L. 2008. *Cotton, Globalization and Poverty in Africa: Hanging by a Thread*. Athens, OH: Ohio University Press.
- Müller, Benito. (2001) 'Fair Compromise in a Morally Complex World: The Allocation of Greenhouse Gas Emission Permits between Industrialised and Developing Countries', In *Equity and Global Climate Change*. Washington, D.C.: Pew.
- Müller, Benito (2002) *Equity in Climate Change: The Great Divide*. Oxford: Oxford Institute for Energy Studies.
- Nader, L (1972) 'Up the Anthropologist' in *Reinventing Anthropology* edited by D. Hymes, Random House.
- Nagar, R., Lawson, V., McDowell, L. and Hanson, S. 2002. Locating Globalization: feminist (re)readings of the subjects and spaces of globalization' *Economic Geography* 78 (3): 257-284.

O'Brien, Karen and Leichenko, Robin M. (2000), 'Double Exposure: Assessing the Impacts of Climate Change within the Context of Economic Globalization', *Global Environmental Change* 10, 221-232.

O'Brien, K. and Vogel, C. (eds), 2003: *Coping with Climate Variability: the Use of Seasonal Climate Forecasts in Southern Africa*, Ashgate Press, Aldershot.

O'Brien, Karen et al, (2008) *More than Rain: Identifying Sustainable Pathways for Adaption to Climate Change and Poverty Reduction*, Report for the Utviklingsfondet, available at

http://www.utviklingsfondet.no/Utviklingsfondet_-_forsiden/Temaer_vi_jobber_med/Klimaendringer_i_Sor/More_than_rain/

Okereke, Chukwumerije (2008) *Global Justice and Neoliberal Environmental Governance*, London and New York: Routledge.

Rowlands, Ian (1997) 'International Fairness and Justice in Addressing Global Climate Change in [Environmental Politics](#), Volume 6, Issue 3 , pages 1 - 30

Paavola, J., and W. N. Adger (2006) 'Fair Adaptation to Climate Change,' *Ecological Economics* 56, 594- 609

Page, Edward (ed.) (2007) *Climate Change, Justice and Future Generations*, London: Eldgar.

Peet, R. and Watts, M. 200? *Liberation Ecologies* 2nd edition.

Pogge, Thomas (1997) 'A Global Resources Dividend' in *Ethics of Consumption* (see also Pogge, Thomas (2008) *World poverty and Human Rights: Cosmopolitan Responsibilities*

Schroeder, R. (1993) in *Economic Geography*. Shady Practice: Gender and the Political Ecology of Resource Stabalization in Gambian Garden/Orchards.

Shue, Henry (1995) 'Subsistence Emissions and Luxury Emissions,' *Law and Policy*, 15:1, 39-60.

Shue, Henry (1999), 'Global Environment and International Inequality' *International Affairs* 75:3, 531-545.

Singer, Peter (2002), 'One Atmosphere' chapter on his *One World: The Ethics of Globalization*, New Haven: Yale UP.

St.Clair, A.L. (forthcoming) 'Climate change and Poverty: Towards a Holistic understanding' in *Climate Change, Ethics and Human Security*

Thomas, Alan (2000) : *Development as Practice in a Liberal Capitalist World*, *J. of International Development*, 12, 773-87.

Thompson, Michael, Steve Rayner and Steven Ney (1998) Risk and Governance Part II: Policy in a Complex and Plurally Perceived World in Government and Opposition Volume 33, Number 3.

Thompson, Micheal & Steve Rayner (1998) Risk and Governance Part I: The Discourses of Climate Change in Government and Opposition Volume 33 Number 1.

United Nations Development Programme (UNDP) *Human Development Report 2007-8: Fighting climate change: Human solidarity in a divided world*, Oxford: Oxford UP, available at www.UNDP.org

Timmons, Robert and Bradley Parks (2007), *A Climate of Injustice: Global Inequality, North-South Politics and Climate Policy*, MIT Press.

Vogel, C., 2000: Useable Science: An assessment of long-term seasonal forecasts amongst farmers in rural areas of South Africa, *The South African Geographical Journal*, 82(2) 107-116.

Vogel, C.H., 2000: Climate and climatic change: causes and consequences, in R. Fox and K. Rowntree (eds): *The Geography of South Africa in a Changing World*, Oxford University Press, Cape Town.