UCSB / Bren School of Environmental Science and Management

ESM238 / Winter Quarter 2014

# CLIMATE CHANGE AGREEMENTS AND POLITICS

Tuesday and Thursday from 2:30 – 3.15, Bren 1520

Instructor: Raymond Clémençon email: <a href="mailto:rclemencon@global.ucsb.edu">rclemencon@global.ucsb.edu</a>.

**Office hours**: We 1 – 2 and Th 1 - 2 or by appointment. Where: SSMS Building 2113 (across campus).

# Draft Syllabus Look for an updated syllabus by week 3!

<u>Course description</u>: This seminar will provide students with a basic introduction to international climate negotiations, agreements, institutional architecture and political and economic forces shaping outcomes. We will combine an international relations approach with a comparative politics approach to help understand different countries' approaches to energy and climate policy formulation and participation in the negotiating process. The role of subnational, non-governmental and private sector actors will also be considered.

## **Course requirements**: The grades will be based on

- (1) attendance and participation in discussions on reading assignments (10%),
- (2) presentation and term paper on a specific country (10% / 30%), see separate handout
- (3) three essays (10%, 20%, 10%)
- (4) final policy analysis on key issues discussed in class (10%)

Reading material listed here is posted on Gauchospace <u>www.gauchospace.ucsb.edu</u>. I will post additional relevant and interesting material as I come across it.

# Syllabus and presentation schedule

## Week 1:

Tuesday, Jan. 7, 2014: Introduction

Thursday, Jan. 9, 2014: Introduction and historic context

Reading: World Bank/Potsdam Institute: Turn down the heat, Executive Summary, viii - ; Dyer, Scenario

One, The Geopolitics of Climate Change; McKibbin, Terrifying Math; Hansen, Is there still time?

#### Week 2:

Tuesday, Jan. 14, 2014: International Relations theory

Thursday: Jan. 16, 2014: International institutions / FIRST READING ESSAY DUE

Reading: Sterk et al., Warsaw Groundhog Days. Old Friends, Positions and Impasses Revisited All Over Again at

the 2013 Warsaw Climate Conference; Clémençon, Rethinking Global Climate Negotiations.

<u>Recommended</u>: **Oye**, Conditions for Cooperation in World Politics; **Abdelal, Blyth, and Parsons**, Constructing the International Economy; **Wapner**, Greenpeace and Political Globalism; **Wendt**, Anarchy is what states make of

it; Mitchell, Regime effectiveness.

#### Week 3:

Tuesday, Jan. 21, 2014: Learning from MEAs

Thursday, Jan. 23, 2014: Sustainable Development and Political Economy

Reading: **GEF**, Impact of GEF; **Thomas**, Governance bank.

#### Week 4:

Tuesday, Jan. 28, 2014: Climate negotiations

Reading: Ackerman, Cost-benefit; Stern, Economics of Climate Change; IEA, Energy and CO2 outlook.

Thursday, Jan. 30, 2014: Climate negotiations / UNFCCC and Kyoto Protocol

Reading: Sinden, Abandonment of justice; Sovacool and Dworkin, Global Injustice of Energy Poverty.

#### Week 5:

Tuesday, Feb. 4, 2014: Climate negotiations / Copenhagen and forward

<u>Reading</u>: **Terhalle and Depledge**, Great-power politics, order transition, and climate governance: insights from international relations theory.

Thursday, Feb. 6, 2014: EU climate politics and emissions trading

<u>Reading</u>: **McLean and Stone**, EU and the politics of Kyoto Protocol ratification; **EEA**, Tracking progress towards Europe's climate and energy targets until 2020; **Grubb**, Lessons from the EU ETS.

#### Week 6:

Tuesday, Feb. 11, 2014: Emissions trading, CDM, REDD+

Readings: Paterson and Stripple. Virtuous carbon; Descheneau, carbon money and its social meaning; Luetken, Is the CDM cost-effective? CDM/UNFCCC, Report of the High-Level Panel on the CDM Policy Dialogue. McDermott, Levin, and Cashore. REDD+ and the Logic of Problem Amelioration.

Thursday, Feb. 13, 2014: US energy and climate policy / SECOND READING ESSAY DUE Reading: **Oreskes and Conway**, Denial of Global Warming; **Nye**, Path Insistence.

#### Week 7:

Tuesday, Feb. 18, 2014: US climate policy

Reading: Sevasti-Eleni, Climate and energy policy in the United States; Pooley, Waxman-Markey bill.

Thursday, Feb. 20, 2014: energy and climate policy lessons

Reading: Hurrell and Sengupta, Emerging Powers, North-South relations and global climate politics;

Srivastava et al.. Right to Sustainable Development. An Ethical Approach to Climate Change.

#### Week 8:

Tuesday, Feb. 25, 2014: Student Presentations

Reading: Hallding, et al., Rising powers: the evolving role of BASIC countries, 608-631;

Thursday, Feb. 27, 2014: Student Presentations Reading: **Dubash**, Climate Change in India.

# Week 9:

Tuesday, March 4, 2014: Student Presentations

Reading: Betzold, Castro and Weiler, AOSIS in the UNFCCC.

Thursday, March 6, 2014: Regional and Subnational actors / Student Presentations

<u>Reading</u>: **Droege**, Using border measures to address carbon flows; **Voituriez and Wang**, Border measures: a Chinese perspective."

**Week 10:** Tuesday, March 11, 2014: Regional and Subnational actors

Reading: Mazmanian, California adaption paradox; Marcacci, California cap and trade expanding trading.

Thursday, March 13, 2014: the Future of Climate Politics – SHORT POLICY ANALYSIS DUE (300 to 600 words)

Thursday, March 20, 2014: FINAL PAPER DUE.

# **Bibliography:**

- Abdelal, Rawi, Mark Blyth, and Craig Parsons. 2010. Constructing the International Economy. Ithaca, USA: Cornell University Press.
- Ackerman, Frank. 2010. Chp. 3: Cost-Benefit Analysis of Climate Change: Where It Goes Wrong." In: Driesen, *Economic Thought and U.S. Climate Change Policy*.
- Bazerman, Max. 2009. "US Energy Policy Barriers. Overcoming Barriers to Action." Environment, Vol. 51, No. 5.
- Betzold Carola, Paula Castro and Florian Weiler. 2012. "AOSIS in the UNFCCC negotiations: from unity to fragmentation?" Climate Policy, 12 (2012) 591 613.
- Borick, Christopher. 2010. "American Public Opinion and Climate Change." In Barry Rabe, ed. *Greenhouse Governance*. Addressing Climate Change in America. Washington D.C.: Brookings Institution Press.
- CDM EB / UNFCCC. 2012. Climate change, carbon markets and the CDM. Report of the High-Level Panel on the CDM Policy Dialogue. http://www.cdmpolicydialogue.org/report/rpt110912.pdf
- Chatterjee, Pratap and Matthias Finger. 1994. *The Earth Brokers.* New York: Routledge. Ch. 3, "Rio and Bust," pp. 39 61.
- Chaum, Miriam, Chris Faris, Gernot Wagner, Barbara Buchner, Angela Falconer, Chiara Trabacchi, Jessica Brown, Katherine Sierra. 2011. *Improving the Effectiveness of Climate Finance: Key Lessons.* Environmental Defense Fund, Climate Policy Initiative, Overseas Development Institute, Brookings.
- Clémençon, Raymond. 2006. "What Future for the Global Environment Facility." In *Journal of Environment and Development*, Vol. 14, No. 1, pp. 53 74.
- Clémençon, Raymond. 2008. "Bali Road Map. A First Step on the Difficult Journey to a Post-Kyoto Protocol Agreement." In *Journal of Environment and Development*, Vol. 17, No. 1, pp. 70 94.
- Clémençon, Raymond. 2010. "Pushing past Neo-Liberalism: Rethinking Global Climate Negotiations." In: Constance Lever-Tracy and Barrie Pittock, *Climate Change and Society: An Introduction.* New York: Routledge, Francis & Taylor.
- Descheneau, Philippe (2012). "The currencies of carbon: carbon money and its social meaning." *Environmental Politics*, Vol. 21, No. 4, July 2012, 604–620.
- Dimitrov, Radoslav S. 2010. "Inside Copenhagen: The State of Climate Governance." *Global Environmental Politics*, Vol 10, No 2, May 2010, pp. 18-24 (Article)
- Driesen, David. Ed. 2010. Economic Thought and U.S. Climate Change Policy. Cambridge, Massachusetts: The MIT Press.
- Droege, Susanne. 2011. "Using border measures to address carbon flows" In: *Climate Policy*, Vol. 11, pp. 1191 1201.
- Dubash, Navroz. 2012. The Politics of Climate Change in India: Narratives of Equity and Co-Benefits. Working Paper 2012/1 (November), Center for Policy Research Climate Initiative.
- Dyer, Gwynne. 2010. Climate Wars. The Fight for Survival as the World Overheats. New York: Oneworld Publications. European Commission. 2012. Greenhouse gas emission trends and projections in Europe 2012. Report from the
- Commission to the European Parliament and Council. No. 6/2012. European Environment Agency. (2013). Trends and Projections in Europe 2013. Tracking progress towards Europe's
- climate and energy targets until 2020. EEA Report, No10/2013. Copenhagen: European Environment Agency. <a href="http://www.eea.europa.eu/publications/trends-and-projections-2013">http://www.eea.europa.eu/publications/trends-and-projections-2013</a>
- Fankhauser, Samuel. 2012. "A practitioner guide to a low-carbon economy: lessons from the UK." *Climate Policy*. iFirst article (2012) 1-18.
- GEF Evaluation Office, GEF. (2013). *OPS5 Technical Document #2: Impact of GEF*. Washington DC: Global Environment Facility. <a href="http://www.thegef.org/gef/sites/thegef.org/files/EO/TD2">http://www.thegef.org/gef/sites/thegef.org/files/EO/TD2</a> Impact%20of%20the%20GEF.pdf
- Grubb, Michael with Dora Fazekas, Simone Cooper, Katerina Kimmorley. 2011. Ten insights from the EU Emissions Trading Scheme. With Reference to Carbon Pricing in Australia. Climate Strategies. <a href="www.Climatestrategies.org">www.Climatestrategies.org</a>.
- Hallding, Karl, Marie Jürisoo , Marcus Carson & Aaron Atteridge (2013) "Rising powers: the evolving role of BASIC countries," *Climate Policy*, 13:5, 608-631.
- Hallding, Karl, Marie Olsson, Aaron Atteridge, Antto Vihma, Marcus Carson, and Mikael Roman. Alone Together: BASIC countries and the climate change conundrum.
- Halliday, Elizabeth. 2009. "Knowledge is power: in a world shaped by science, what obligation do scientists have to the public?" In: Ethics in Science and Environmental Politics. Vol. 9: 25 28, 2009.
- Hansen, James. 2009. Storms of my Grandchildren. The Truth About the Coming Climate Catastrophe and Our Last Chance to Save Humanity. New York: Bloomsburry USA.
- Haug, Constance and Frans Berkhout, Learing the hard way. European Climate Policy After Copenhagen. Environment, May/June, Vol. 52, No. 3.
- http://reneweco no my.co m.au/2013/califo rnia-cap-trade-expanding-2014-successful-2013

- Intergovernmental Panel on Climate Change. Feb., April, May, November 2007. Fourth Assessment Report: Working Group I, Scientific Assessment, WG II, Impacts, Adaptation, and Vulnerability, WG III, Mitigation. Download at <a href="https://www.ipcc.ch/">www.ipcc.ch/</a>.
- International Energy Agency. 2011. *CO2 Emissions from fuel combustion. IEA Statistics*. Paris: IEA. <a href="www.iea.org">www.iea.org</a>. International Energy Agency. 2011. World Energy Outlook 2011. Paris: IEA. <a href="www.iea.org">www.iea.org</a>.
- Leggett, Jeremy. 2001. The Carbon War. Global Warming and the End of the Oil Era. New York: Routledge.
- Leiserowitz, A., Maibach, E., Roser-Renouf, C., & Hmielowski, J. D. (2011) *Politics & Global Warming: Democrats, Republicans, Independents, and the Tea Party.* Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change Communication. <a href="http://environment.yale.edu/climate/files/PoliticsGlobalWarming2011.pdf">http://environment.yale.edu/climate/files/PoliticsGlobalWarming2011.pdf</a>
- Luetken, Soeren. 2012. Penny wise, pound foolish. Is the original intention of cost efficient emissions reductions through the CDM being fulfilled? UNEP/RISO, Climate working paper series, No. 1, June 2012.
- Marcacci, Silvio. (2013). California cap and trade expanding in 2014 after successful 2013.
- Mazmanian, Daniel A., John Jurewitz, and Hal T. Nelson. 2013. The Paradox of "Acting Globally While Thinking Locally": Discordance in Climate Change Adaption Policy." *Journal of Environment and Development*, Vol. 22. Online first version, Jan. 17, 2013.
- McDermott, Constance, Kelly Levin, and Benjamin Cashore. 2011. "Building the Forest-Climate Bandwagon: REDD+ and the Logic of Problem Amelioration." In: *Global Environmental Politics*, Vol. 11, No. 3, pp. 85 103.
- McGarity, Thomas, O. 2010. Chp. 10: "The Cost of Greenhouse Gas Reductions." In: Driesen, *Economic Thought and U.S. Climate Change Policy*.
- McLean and Randall W. Stone. 2012. The Kyoto Protocol: Two-Level Bargaining and European Integration. *International Studies Quarterly.* 56, 99 113.
- Meckling, Jonas O. and Gu Yoon Chung. 2009. "Sectoral Approaches for a Post-2012 Climate Regime: a Taxonomy." Climate Policy 2009, 652 – 668.
- Mertig, Angela, Riley E. Dunlap and Denton E. Morrision. "The Environmental Movement in the United States." In: Dunlap & Michelson. 2002. *Handbook of Environmental Sociology.* Greenwood Press.
- Mitchell, Ronald B. 2010. International Politics and the Environment. Los Angeles: SAGE.
- Müller, Benito, Niklas Höhne and Christian Ellermann. 2009. "Differentiating (historic) responsibilities for climate change." Climate Change, 10, 593 611.
- Nye, David E. 1999. "Path insistence: Comparing European and American Attitudes Toward Energy." In: *Journal of International Affairs*. Vol. 53, no. 1, Fall 1999. Pp.: 129 148.
- Oreskes, Naomi and Erik M. Conway. 2010. Merchants of Doubt. How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smake to Global Warming. New York: Bloomsbury Press.
- Oreskes, Naomi and Erik M. Conway. 2010. *Merchants of Doubt. How a Handful of Scientists Obscured the Truth on Issues from Tobacco Smake to Global Warming.* New York: Bloomsbury Press.
- Oye, Kenneth A. 1992. "The Conditions for Cooperation in World Politics." in Art and Jervis. 1992, 3rd Ed. *International Politics. Enduring Concepts and Contemporary Issues.* New York: HarperCollins Publishers.
- Parry et al. 2009. "Report on Reports: Adaptation to Climate Change: Assessing the Costs." *Environment*, Vol. 51, No. 6, November/December 2009.
- Paterson, Matthew and Johannes Stripple. 2012. "Virtuous carbon." Environmental Politics, Vol. 21, No. 4, July 2012, 563–582.
- Pooley, Eric. 2010. The Climate War. New York: Hyperion.
- Repetto, Robert. 2008. "The Climate Crisis and the Adaptation Myth." Yale School of Forestry and Environmental Studies. Working Paper No. 13.
- Sevasti-Eleni Vezirgiannidou. 2013. "Climate and energy policy in the United States: the battle of Ideas." Environmental Politics, Vol. 22, No. 4, 593–609.
- Shellenberger, Michael and Ted Nordhaus. 2004. The Death of Environmentalism. Global Warming Politics in a Post-Environmental World. Breakthrough Institute.http://www.eldis.org/static/DOC17924.htm.
- Shulman, Seth. 2006. *Undermining Science. Suppression and Distortion in the Bush Administration*. Berkeley: University of California Press.
- Sinden, Amy. 2010. "The Abandonment of Justice." In: Driesen, *Economic Thought and U.S. Climate Change Policy*. Sovacool, Benjamin and Michael Dworkin. 2012. Overcoming the Global Injustices of Energy Poverty. *Environment*.
- Srivastava, Leena, Neha Pahuja, Manish Shrivastava, and Probhat Upadhyay. 2009. *Right to Sustainable Development. An Ethical Approach to Cliamte Change.* TERI, New Delhi.
- Sterk, Wolfgang, Christiane Beuermann, Carmen Dienst, Katharina Hillebrandt, Lukas Hermwille, Stefan Lechtenböhmer, Hans-Jochen Luhmann, Florian Mersmann, Sascha Samadi, Stefan Thomas, Timon Wehnert. (2013). Submission to the Ad Hoc Working Group on the Durban Platform for Enhanced Action Workstream 1: The 2015 Agreement. Wuppertal, Germany: Wuppertal Institute for Climate, Environment and Energy. <a href="http://wupperinst.org/uploads/tx">http://wupperinst.org/uploads/tx</a> wupperinst/ADP-WS1-Submission-Wuppertal-Institute.pdf.

Draft syllabus, Thursday, January 7, 2014

- Sterk, Wolfgang, Christof Arens, Lukas Hermwille, Nicolas Kreibich, Florian Mersmann and Timon Wehnert. (2013). Warsaw Groundhog Days. Old Friends, Positions and Impasses Revisited All Over Again at the 2013 Warsaw Climate Conference. Wuppertal, Germany: Wuppertal Institute for Climate, Environment and Energy.
- Stern, Nicolas. 2006. The Stern Review, The Economics of Climate Change. Cambridge University Press.
- Terhalle, Maximilian and Joanna Depledge. (2013). "Great-power politics, order transition, and climate governance: insights from international relations theory." Climate Policy, 13:5, 572-588.
- Thomas, M. A. 2007. "The Governance Bank." International Affairs 83: 4, 729 745.
- UNEP / Risø Centre. 2011. *Progressing towards post-2012 carbon markets.* Systems Analysis Division, Risø National Laboratory for Sustainable Energy. Technical University of Denmark.
- UNFCCC/CP/2009/11/Add. 1, March 2010. Report of the Conference of Parties on its fifteenth session, held in Copenhagen from 7 to 19 December 2009. Decisions adopted by the Conference of the Parties.
- United Nations Framework Convention on Biodiversity / GIZ . 2011. Biodiversity and Livelihoods. REDD-plus Benefits. Montreal: Secretariat of the CBD.
- Voituriez, Tancrede, Xin Wang. 2011. "Getting the carbon price right through climate border measures: a Chinese perspective." In: *Climate Policy*. Vol. 11, pp. 1257 1261.
- Wapner, Paul. 1996, *Environmental Activism and World Civic Politics*. New York: SUNY Press. Chpt. 3: Greenpeace and Political Globalism. pp. 41-71.
- Ward, 2009. Journalism ethics and climate change reporting in a period of intense media uncertainty.
- Weidner, Helmut and Lutz Mez. 2008. German Climate Change Policy: A Success Story With Some Flaws. *Journal of Environment and Development*. Vol. 17, No. 4, 356 378.
- Wendt Alexander. 1992. "Anarchy is what States Make of It: the Social Construct of Power Politics." In: *International Organization* 42, 3, Summer.
- Wettestad, Jorgen. 2002. "The Vienna Convention and Montreal Protocol on Ozone-Layer Depletion." In: Miles et. al. 2002, Environmental Regime Effectiveness. MIT Press. Chapter 6: pp. 149 170.
- World Bank. 2011. State and Trends of the Carbon Market 2011. Washington D.C.: World Bank.
- Ye Qi, Li Ma, Huanbo Zhang and Huimin Li, 2008. Translating a Global Issue Into Local Priority: China's Local Government Response to Climate Change.