Development and the Environment
Syllabus proposal for Fall 2011 Semester
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A) Generalities

Objective: Present an overview of the current debate regarding the interplay between economic development and the natural environment of human societies. Provide orders of magnitude of the main challenges and present the basic analytical tools used by economists to address those challenges. Discuss the relevant policies and illustrate with case studies, preferably from Latin America.

Organisation: The basic analytical tools are presented in the first part of the course. The second part is devoted to specific topics, with some of the papers being presented by the students.

Material: academic papers and books' chapters (see list below).

Evaluation: 40% participation (20% for the presentation, 20% for the summary), 60% final exam (written, 2 hours).

B) Overall structure (see table below for references)

Part I: Analytical tools

1. Growth
2. Sustainability
3. Resource exploitation
4. Environmental policy

Part II: Selected topics

5. Resource curse
6. Pollution Havens
7. Ecolabelling
8. Common pool resources
9. Inequality and the environment
10. Climate change

I. Analytical tools

	Paper 1	Paper 2	Optional
1. Growth	NREE, chap.2: The Origin of the sustainability problem	Brock, W.A and M.S. Taylor (2010), "The Green Solow Model", *Journal of Economic Growth*, 15:2, 127-153.	Galeotti, M et al (2009), "On the robustness of robustness checks of the EKC Hypothesis", *Environmental and Resource Ecomonics*, 42, 551-574
2. Sustainability	NREE, chap. 4: Concepts of sustainability	Arrow, K. et al (2004), "Are we consuming too much", *Journal of Economic Perspectives*, 18:3, 147-173	Atkinson, G. and K. Hamilton (2007), "Progress along the path: evolving issues in the measurement of genuine savings", *Environmental and Resource Economics*, 37, 43-61
3. Resource exploitation	NREE, chap. 14-15: Efficient and optimal use of natural resources	NREE, chap. 16-17: Stock pollution problems and renewable resources	
4. Environmental policy	W.E. Oates and P.R. Portney (2003), "the political economy of environmental policy", in K. G. Mäler & J. R. Vincent (ed.) *Handbook of Environmental Economics*, chapter 8, 325-354.	Kirchgässner, G. and F. Schneider (2003), "On the political economy of environmental policy", *Public Choice*, 115, 369-376.	Barbier, E.B. (2010), "Corruption and the political economy of resource-based development", *Environmental and Resource Economics*, 46, 511-537

NREE : Perman, R. et al (2003), Natural Resource and Environmental Economics, Pearson educ., Harlow, U.K.

II. Selected Topics

	Paper 1	Paper 2	Optional
5. Resource curse	Papyrakis, and R. Gerlagh (2004), "The Resource Curse Hypothesis and its Transmission Channels", *Journal of Comparative Economics*, 32, 1, 181-193.	Pinieda, J. and F. Rodriguez (2010), "Curse of Blessing? Natural Resources and Human Development", UNDP HDR Research Paper 2010/04.	Mehlum, K. et al (2006), "Institutions and the resource curse", *Economic Journal*, 116, 1-20
6. Pollution havens	Grether J.-M., Mathys, N.A. and J. de Melo (2010), "Unraveling the World-Wide Pollution Haven Effect", *Journal of International Trade and Economic Development*.	Grether J.-M. and N.A. Mathys (2011), "Measuring the Pollution Terms of Trade with Technique Effects", mimeo.	Antweiler, W. et al (2001), "Is free trade good for the environment?", *American Economic Review*, 877-908.
7. Ecolabelling	Grote, U (2009), "Environmental Labeling, Protected Geographical Indications and the Interests of Developing Countries", *Journal of International Law and Trade Policy*, 10:1, 94-110	Melo, C.J. and S.A. Wolf (2007), "Ecocertification of Ecuadorian Bananas", *Studies in Comparative International Development*, 42, 256-278.	Grolleau, J. et al (2007), "Industrialists hand in hadn with environmentalists", *European Journal of Law and Economics*, 24, 215-236.
8. Common pool resources	Welcomme, R.L. (2010), "Inland Capture Fisheries", *Philosophical Transactions of the Royal Society*, 365, 2881-96.	Ostrom, E. and R. Gardner (1993), "Coping with asymmetries in the commons", *Journal of Economic Perspectives*, 7:4, 93-112	Copeland, B. and M.S. Taylor (2009), "Trade, Tragedy and the Commons", *American Economic Review*, 99, 725-749.
9. Inequalities	Mattoo A. and A. Subramanian (2010), "Equity in Climate Change", Policy Research Working Paper 5383, World Bank	Duro J. A. and E. Padilla (2006), "International inequalities in per capita CO_2 emissions: a decomposition methodology by Kaya factors", *Energy Economics*, 28, 170-187.	
10. Climate change	World Bank (2010), "Changing the climate for development", Overview of the *World Development Report*.	de La Torre et al (2009), *Low Carbon, High Growth: Latin American Responses to Climate Change*, Overview, World Bank.	Barrett, S. (2009), "The coming global climate technology revolution", *Journal of Economic Perspectives*, 23:2, 53-75.