

**The effects of corruption control, political stability and economic growth on
deforestation-induced carbon dioxide emissions***

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Online Appendix

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List of Countries and Agricultural Crops Encroaching on Forest Land and Data Sources

<i>Country</i>	<i>Crop(s)</i>	<i>Source(s)</i>
Bangladesh	Oilseeds, rubber, cotton	Golam Rasul. 2007. "Political Ecology of Degradation of Forest Common in the Chittagong Hill Tracts of Bangladesh." <i>Environmental Conservation</i> 34 (2): 153–163.
Bolivia	Quinoa, fava bean, maize, maize green, potato, barley, soybeans	Bluffstone, R., M. Boscolo and R. Molina. 2002. "How does community forestry affect rural households: A labor allocation model of the Bolivian Andes." See Table 6. Available from: http://dlc.dlib.indiana.edu/dlc/handle/10535/985 World Rainforest Movement. 2004. "The Focus of this Issue: The Role of Agriculture and Cattle Raising in Deforestation." Issue Number 85. Available from: http://www.wrm.org.uy/bulletin/85/viewpoint.html .
Brazil	Banana, coffee, maize, rice, soybeans, cassava/tapioca, beans (including cowpeas and other types)	López, R. and G. I. Galinato. 2005. "Trade Policies, Economic Growth, and the Direct Causes of Deforestation." <i>Land Economics</i> 81 (2): 145-169. Simon, M.F. and F.L. Garagorry. 2005. "The expansion of agriculture in the Brazilian Amazon." <i>Environmental Conservation</i> 32 (3): 203–212.
China	Soybeans	World Rainforest Movement. 2004. "The Focus of this Issue: The Role of Agriculture and Cattle Raising in Deforestation." Issue Number 85. Available from: http://www.wrm.org.uy/bulletin/85/viewpoint.html .
Colombia	Banana, arrowleaf, new cocoyam, maize, pineapple, sugar cane, cassava/manioc	Eden, M.J. and A. Andrade. 1988. "Colonos, Agriculture and Adaptation in the Colombian Amazon." <i>Journal of Biogeography</i> 15(1): 79-85.
Costa Rica	Banana, mango	Christian, S. 1992. "There's a Bonanza in Nature for Costa Rica, but Its Forests Too Are Besieged." <i>The New York Times</i> . Available from: http://www.nytimes.com/1992/05/29/world/there-s-a-bonanza-in-nature-for-costa-rica-but-its-forests-too-are-besieged.html .

Dominican Republic	Coffee, corn	Rosa, H. 2004. "Economic Integration and the Environment in El Salvador." Working Group on Development and Environment in the Americas, Discussion Paper No. 7. Available from: http://ase.tufts.edu/gdae/pubs/rp/DP07RosaJuly04.pdf .
Ecuador	Cacao, coffee, manioc/cassava, naranjilla, tea, palm oil, rice, maize	Schaller et al. no date. "Indigenous Ecotourism and Sustainable Development: The Case of Río Blanco, Ecuador." http://www.eduweb.com/schaller/Section1RioBlanco1.html
Honduras	Beans, coffee, maize	Tucker, C.M., D.K. Munroe, H. Nagendra and J. Southworth. 2005. "Comparative Spatial Analyses of Forest Conservation and Change in Honduras and Guatemala." <i>Conservation and Society</i> 3(1): 174 - 200.
India	Soybeans	World Rainforest Movement. 2004. "The Focus of this Issue: The Role of Agriculture and Cattle Raising in Deforestation." Issue Number 85. Available from: http://www.wrm.org.uy/bulletin/85/viewpoint.html .
Indonesia	Coconut, rubber, palm oil	López, R. and G. I. Galinato. 2005. "Trade Policies, Economic Growth, and the Direct Causes of Deforestation." <i>Land Economics</i> 81(2): 145-169. World Rainforest Movement. 2004. "The Focus of this Issue: The Role of Agriculture and Cattle Raising in Deforestation." Issue Number 85. Available from: http://www.wrm.org.uy/bulletin/85/viewpoint.html .
Iran, Islamic Rep.	Wheat	Subregional report of the Forestry Outlook Study for West and Central Asia. Available from: ftp://ftp.fao.org/docrep/fao/010/k1652e/k1652e03.pdf .
Malaysia	Coconut, rubber, palm oil, rice	López, R. and G. I. Galinato. 2005. "Trade Policies, Economic Growth, and the Direct Causes of Deforestation." <i>Land Economics</i> 81(2): 145-169. World Rainforest Movement. 2004. "The Focus of this Issue: The Role of Agriculture and Cattle Raising in Deforestation." Issue Number 85. Available from: http://www.wrm.org.uy/bulletin/85/viewpoint.html .
Mexico	Maize, commercial chili	Deininger, K.W. and B. Minten. 1999. "Poverty, policies, and deforestation: The case of Mexico." World Bank Research Paper. Available from:

<http://www.journals.uchicago.edu/cgi-bin/resolve?EDCCv47p313PS>.

Turner, B. L., II, P.A. Matson, J.J. McCarthy, R.W. Corell, L.Christensen, N. Eckley, G. Hovelsrud-Broda, J.X. Kasperson, R.E. Kasperson, A. Luers, M.L. Martello, S. Mathiesen, R. Naylor, C. Polsky, A. Pulsipher, A. Schiller, H. Selin, and N. Tyler. 2003. "Illustrating the Coupled Human-Environment System for Vulnerability Analysis: Three Case Studies." Proceedings of the National Academy of Sciences of the United States of America 100(14): 8080-8085. Available from: <http://ksgnotes1.harvard.edu/BCSIA/sust.nsf/pubs/pub83>.

Nicaragua	Palm fruit	From Meals to Wheels: The Social and Ecological Catastrophe of Biofuels. Available from: http://www.globaljusticeecology.org/files/GJEP-biofuels-comp.pdf .
Pakistan	Sugar cane	Abbas, M. , S.H. Khan, R.A. Khan and M. Shahbaz. 2004. "Impact of Wild Boar Habitat on Sugarcane Crop." International Journal of Agriculture and Biology 6(2): 420-421.
Panama	Coffee	Beatty, A. 2008. Gourmet Coffee Eats into Panama Forest. Reuters Article. Available from: http://www.reuters.com/article/environmentNews/idUSN2233936820080723 .
Peru	Cassava/tapioca, peach palm, maize, plantains, rice	Staver, C., R. Simeone and A. Stocks. 1994. "Land Resource Management and Forest Conservation in Central Amazonian Peru: Regional, Community, and Farm-Level Approaches among Native Peoples." Mountain Research and Development 14(2): 147-157.
Philippines	Cassava, corn, rice, sweet potato	Honda, Y. 1997. "Philippine Sugar and Environment." TED Case Studies No. 250, American University. Available from: http://www.american.edu/TED/PHILSUG.HTM . López, R. and G. I. Galinato. 2005. "Trade Policies, Economic Growth, and the Direct Causes of Deforestation." Land Economics 81(2): 145-169.
Sri Lanka	Tobacco, banana, coconut, mango	C. Bogahawatte. 2003. "Forestry Policy, Non-Timber Forest Products and

The Rural Economy In The Wet Zone in Sri Lanka.” Economy and Environment Program for Southeast Asia (EEPSEA) Research Report. Available from: <http://ideas.repec.org/p/eep/report/rr1999122.html>.

Thailand

Cassava

P. Macek and K. Chareonying. 1997. “Thailand's Logging Ban.” TED Case Studies No. 69, American University. Available from: <http://www.american.edu/TED/THAILOG.HTM>.

Venezuela, RB

Banana, coffee, maize, tobacco, cassava, sugar cane, citrus fruit

Allan, J. D., A. J. Brenner, J. Erazo, L. Fernandez, A. S. Flecker, D. L. Karwan, Samuel Segnini, D. C. Taphorn. 2002. “Land Use in Watersheds of the Venezuelan Andes: a Comparative Analysis.” Conservation Biology 16(2): 527-538.
