

Course Readings – Part I

EST 797

CHINESE ENVIRONMENTAL POLICY

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I. Overview of Environmental Issues in China

REQUIRED

- Liu, Jianguo, and Jared Diamond. (2005). "China's Environment in a Globalizing World: How China and the Rest of the World Affect Each Other", *Nature* 435(7046): 1179-1186. Supplemental material available: <http://www.nature.com/nature/journal/v435/n7046/supinfo/4351179a.html>
- Ministry of Environmental Protection. (2010). "2009: Report on the State of the Environment in China". People's Republic of China, Beijing. May 31. Available: <http://english.mep.gov.cn/download/Documents/201104/P020110411532104009882.pdf>
- Wen Jiabao. (2011). "Report on the Work of the Government." Delivered at the Fourth Session of the Eleventh National People's Congress, March 5. Available: <http://www.uncsd2012.org/rio20/content/documents/Report%20on%20the%20Work%20of%20the%20Government.pdf>

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- China Environment Forum (2008/09). Special issue on "Environment and Health", *China Environment Series*, No. 10. Washington, DC: Woodrow Wilson Center for International Scholars. Available: <http://www.wilsoncenter.org/topics/pubs/ces10.pdf>
- Economy, E. (2010). *The River Runs Black: The Environmental Challenge to China's Future*, 2nd ed. Ithaca, NY: Cornell University Press.
- Green Futures*. (2006). Special issue, "Greening the Dragon: China's Search for a Sustainable Future". September. Available: http://www.forumforthefuture.org/sites/default/files/images/GreenFutures/Greening_the_dragon/Greening_the_dragon_lowres.pdf
- Hanson, Arthur J., Claude Martin, et al. (2006). "One Lifeboat: China and the World's Environment and Development." Winnipeg, Manitoba: International Institute for Sustainable Development. Available: http://www.iisd.org/pdf/2006/china_one_lifeboat.pdf
- OECD. (2006). "Environmental Compliance and Enforcement in China: An Assessment of Current Practices and Ways Forward. Paris: Organisation for Economic Co-operation and Development. Available: <http://www.oecd.org/dataoecd/33/5/37867511.pdf>

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- Carter, N.T., & Mol, A.P.J., eds. (2007). *Environmental Governance in China*. London and New York: Routledge. Reprint of a special issue of *Environmental Politics* 15(2), 2006.
- Elvin, M. (2004). *The Retreat of the Elephants: An Environmental History of China*. New Haven: Yale University Press.
- Friedmann, John. (2005). *China's Urban Transition*. Minneapolis: Univ. Minn. Press.

- Ministry of Environmental Protection, People's Republic of China. (2009). "2008: Report on the State of the Environment in China". Beijing, June 4. Available: <http://english.mep.gov.cn/download/Documents/201002/P020100225377359212834.pdf>
- Scott, J. C. (2009). *The Art of Not Being Governed*. New Haven: Yale University Press.
- Shapiro, J. (2001). *Mao's War against Nature: Politics and the Environment in Revolutionary China*. New York: Cambridge University Press.
- Tilt, B. (2010). *The Struggle for Sustainability in Rural China*. New York: Columbia University Press.
- Zhang Kun-min. (2001). *Policies and Actions on Sustainable Development in China*. Beijing: China Environmental Science Press.
- Ziran zhi you (Friends of Nature), eds. (2010). *Zhongguo huanjing fazhan baogao (2010)*. (Annual Report on Environment Development in China, 2010). Beijing: Shehui kexue wenjian chubanshe. Published in English by E.J.Brill, Leiden, the Netherlands.

II. Structure and Process of Environmental Policymaking

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- Liu Jingjing, and Adam Moser. (2011). "Environmental Law – China". Pp. 220-223 in *The Law and Politics of Sustainability*, vol. 3 of the *Berkshire Encyclopedia of Sustainability*. Great Barrington, MA: Berkshire Publishing Group.
- Wang, Alex. (2007). "The Role of Law in Environmental Protection in China: Recent Developments," *Vermont Journal of Environmental Law* 8(2):195-224.
- Wang Canfa. (2007). "Chinese Environmental Law Enforcement: Current Deficiencies and Suggested Reforms," *Vermont Journal of Environmental Law* 8(2):159-194.
- Zhang Kun-min, and Zong-guo Wen. (2009). "Review and Challenges of Policies of Environmental Protection and Sustainable Development in China," *Journal of Environmental Management* 88(4): 1249-1261.

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- Jahiel, Abigail R. (1998). "The Organization of Environmental Protection in China," *China Quarterly* 156: 757-787, School of Oriental and African Studies.
- Lo, C., Fryxell, G. and Wong, W. (2006). "Effective Regulations with Little Effect? The Antecedents of the Perceptions of Environmental Officials on Enforcement Effectiveness in China," *Environmental Management* 38(3): 388-410.
- Lo, C.W.H., and Tang, S. Y. (2006). "Institutional Reform, Economic Changes, and Local Environmental Management in China: The Case of Guangdong Province," *Environmental Politics* 15: 190-210.
- Orts, E.W. (2003). "Environmental Law with Chinese Characteristics," *William and Mary Bill of Rights Journal* 11: 545-567.
- Stern, Rachel. (2010). "On the Frontlines: Making Decisions in Chinese Civil Environmental Lawsuits," *Law & Policy* 32(1): 79-103.
- Van Rooij, Benjamin. (2006). "Implementation of Chinese Environmental Law: Regular Enforcement and Political Campaigns," *Development and Change* 37(1): 57-74.
- Van Rooij, B., and Lo Wing-Hung C. (2010). "Fragile Convergence: Understanding Variation in the Enforcement of China's Industrial Pollution Law," *Law & Policy* 32(1): 14-37.

Yang Chun-Xi, John W. Head, and Liu Sheng-Rong. (1994). "China's Treatment of Crimes Against the Environment: Using Criminal Sanctions to Fight Environmental Degradation in the PRC," *Journal of Chinese Law* 8(2): 145-184. Available: [http://kuscholarworks.ku.edu/dspace/bitstream/1808/7482/1/Head_8JChineseL145\(1994\).pdf](http://kuscholarworks.ku.edu/dspace/bitstream/1808/7482/1/Head_8JChineseL145(1994).pdf).

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VJEL. (2007). Special issue on "China in Transition: Environmental Challenges in the Far East," *Vermont Journal of Environmental Law* 8(2). Available: <http://www.vjel.org/journal/VJEL10051.html>

Van Rooij, Benjamin. (2006). *Regulating Land and Pollution in China: Lawmaking, Compliance, and Enforcement. Theory and Cases*. Ph.D. Thesis, Leiden University, the Netherlands.

Available: <https://openaccess.leidenuniv.nl/bitstream/handle/1887/5433/Thesis.pdf?sequence=1>

Wen Zongguo. (2010). *Environmental Policy in Contemporary China: Formation, Characters and Trends*. Beijing: Chinese Environmental Science Press. 温宗国编著 :

《当代中国的环境政策：形成、特点与趋势》，中国环境科学出版社（2010）

III. Selected Case Studies (Air, Water, Natural Resources)

REQUIRED

Zhang Junfeng, et al. (2010). "Environmental Health in China: Progress towards Clean Air and Safe Water," *Lancet* 375: 1110-1119.

Kendy, Eloise, et al. (2007). "Can Urbanization Solve Inter-sector Water Conflicts? Insights from a Case Study in Hebei Province, North China Plain," *Water Policy* 9 (Supp 1): 75-93.

Zhong Lijin, and Arthur P.J. Mol. (2010). "Water Price Reforms in China: Policy-Making and Implementation," *Water Resources Management* 24(2):377-396.

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Chan Chak K., and Xiaohong Yao. (2008). "Air Pollution in Mega Cities in China," *Atmospheric Environment* 42: 1-42.

Cheung Kui Yin, and Tuen Mun. (2010). "Economic Analysis of the Beijing Green Olympics: Implications on Environmental Protection in China," *International Journal of Economics and Finance* 2(3):104-113.

Larsen, Thorjorn, et al. (2006). "Acid Rain in China," *Environmental Science & Technology*, January 15, pp. 418-425.

Ma Jinzhu, et al. (2009). "Sources of Water Pollution and Evolution of Water Quality in the WuWei Basin of Shiyang River, Northwest China," *Journal of Environmental Management* 90(20): 1168-1177.

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Xu, Jintao, et al. (2006). "China's Ecological Rehabilitation: Unprecedented Efforts, Dramatic Impacts, and Requisite Policies," *Ecological Economics* 57(4): 595-607.

Wang, Mark, et al. (2008). "Rural Industries and Water Pollution in China," *Journal of Environmental Management* 86: 648-659.

Zhong Lijin, Arthur P.J. Mol, and Tao Fu. (2008). "Public-Private Partnerships in China's Urban Water Sector," *Environmental Management* 41(6): 863-877.

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- Edmonds, Richard Louis, ed. (2000). *Managing the Chinese Environment*. New York: Oxford University Press.
- Hyde, William F., Brian Belcher, and Jintao Xu, eds. (2003). *China's Forests: Global Lessons from Market Reforms*. Washington, DC: Resources for the Future.
- Ho, Peter, and Eduard B. Vermeer. (2006). *China's Limits to Growth: Greening State and Society*. Hoboken, NJ: Wiley-Blackwell. Reprint of a special issue of *Development and Change* 37(1), 2006.
- Mol, Arthur P.J., and Joost C.L. van Buuren, eds. (2003). *Greening Industrialization in Asian Transitional Economies*. Lanham, MD: Lexington.
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- Rock, Michael T. (2002). *Pollution Control in East Asia: Lessons from Newly Industrializing Economies*. Washington DC: RFF Press.
- Yin, Runshen, ed. (2009). *An Integrated Assessment of China's Ecological Restoration Programs*. New York: Springer.

IV. Eco-Civilization: Integrating Environment and Development

REQUIRED

- Jin Yong. (2008). "Ecological Civilization: from Conception to Practice in China," *Clean Technology & Environmental Policy* 10: 111-112.
- Greene, Herman F. (2010). "China and Ecological Civilization". Paper presented at the United Nations, May 7.
- Guo Jinfu, et al. (2009). "Research on Eco-ethics and Eco-civilization's Construction in Chinese Ethnic Regions," *Journal of Sustainable Development* 2(3):122-126.
- Mol, A.P.J. (2006). "Environment and Modernity in Transitional China: Frontiers of Ecological Modernization," *Development and Change* 37(1): 29-56.
- Zhang ZhongXiang. (2010). "China in the Transition to a Low-carbon Economy," *Energy Policy* 38(11): 6638-6653.

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- Wang Chunmei, and Zhaolan Lin (2010). "Environmental Policies in China over the Past 10 Years: Progress, Problems and Prospects." Paper presented at the Annual Conference of the International Society for Environmental Information Sciences (ISEIS).
- Wang Lijun. (2010). "The Changes of China's Environmental Policies in the Latest 30 years". Paper presented at the Annual Conference of the International Society for Environmental Information Sciences (ISEIS).
- Zhang Kun-ming, Wen, Z.G. (2008). "Review and Challenges of Policies of Environmental Protection and Sustainable Development in China," *Journal of Environmental Management* 88: 1249-1261.
- Zhang Lei, A.P.J. Mol, and D.A. Sonnenfeld (2007). "The Interpretation of Ecological Modernisation in China," *Environmental Politics* 16(4): 659-668.

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Fang, Yiping, and Yong Zeng. (2007). "Balancing Energy and Environment: The Effect and Perspective of Management Instruments in China," *Energy* 32(12):2247-2261.

Pintér, László. (2006). "International Experience in Establishing Indicators for the Circular Economy and Considerations for China." Report for The World Bank. May. Available: http://www.iisd.org/pdf/2006/measure_circular_economy_china.pdf

Price, Lynn, et al. (2008). "China's Top-1000 Energy-Consuming Enterprises Program: Reducing Energy Consumption of the 1000 Largest Industrial Enterprises in China". Berkeley, CA: Lawrence Berkeley National Laboratory. Available: <http://escholarship.org/uc/item/9x31r6kq>.

Wang Tao, and Jim Watson. (2010). "Scenario Analysis of China's Emissions Pathways in the 21st Century for Low Carbon Transition," *Energy Policy* 38(7): 3537-3546.

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V. Climate Change Policy

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NDRC. (2007). "China's National Climate Change Programme". National Development and Reform Commission, Beijing, June. Available: <http://en.ndrc.gov.cn/newsrelease/P020070604561191006823.pdf>

Gang Fan, et al. (2009). "Going Clean: The Economics of China's Low-carbon Development". Stockholm Environmental Institute, November.

Seligsohn, Deborah, et al. (2009). "China, the United States, and the Climate Change Challenge". Policy Brief. World Resources Institute, Washington, DC, October.

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Roberts, J. Timmons (2011). "Multipolarity and the New World (dis)Order: US Hegemonic Decline and the Fragmentation of the Global Climate Regime," *Global Environmental Change* 21(3):776-784.

Wang Tao, and Jim Watson. (2007). "Who Owns China's Carbon Emissions?" Briefing Note No. 23. Tyndall Centre for Climate Change Research, University of East Anglia, UK, October.

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Berrah, Nourredine, et al. (2007). *Sustainable Energy in China: The Closing Window of Opportunity*. Washington, D.C.: The World Bank.

Heggelund, Gorild. (2007). "China's Climate Change Policy: Domestic and International Developments," *Asian Perspective* 31(2):155-191.

Wang Qiang, and Yong Chen. (2010). "Energy Saving and Emission Reduction Revolutionizing China's Environmental Protection," *Renewable and Sustainable Energy Reviews* 14(1):535-539.

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Zhang Peidong. (2009). "Opportunities and challenges for renewable energy policy in China," *Renewable and Sustainable Energy Reviews* 13:439-449.

Zhang ZhongXiang. (2010). "Is it Fair to Treat China as a Christmas Tree to Hang Everybody's Complaints? Putting Its Own Energy Saving into Perspective," *Energy Economics* 32 (Suppl 1, September): S47-S56.

VI. Public Participation/ Environmental Governance

REQUIRED

Van Rooij, Benjamin. (2010). "The People vs. Pollution: Understanding Citizen Action against Pollution in China," *Journal of Contemporary China* 19(63):55-77.

Xiao Chenyang, and Dayong Hong. (2010). "Gender Differences in Environmental Behaviors in China," *Population & Environment* 32: 88-104.

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Ge Junjie, Jun Bi, and Shi Wang. (2009). "Public participation in Chinese environmental protection". In *Building Effective Governance for Water Environment Conservation in China*. Chiba, Japan: Institute of Developing Economies, Japan External Trade Organization. Available: http://www.ide.go.jp/English/Publish/Download/Jrp/pdf/153_ch2.pdf

Kang Shih-Hao. (2010). Book review: "Hong Dayong, 'The Growing Nongovernmental Forces for Environmental Protection in China,'" *East Asian Science, Technology and Society* 4: 457-460.

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Yang, Ruby, and Thomas Lennon. (2010). "The Warriors of Quigang". Film. Yale Environment 360, School of Forestry and Environmental Studies, Yale University, New Haven, CT. Available: http://e360.yale.edu/feature/the_warriors_of_quigang/2358/

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洪大用：《转变与延续：中国民间环保团体的转型》，载《管理世界》2001年第6期
- Mertha, A. (2010). *China's Water Warriors: Citizen Action and Policy Change*. 2nd ed. Ithaca, NY: Cornell University Press.
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- Watts, Jonathan. (2010). *When a Billion Chinese Jump: How China Will Save Mankind or Destroy It*. New York: Scribner.
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- Xie Lei. (2007). "Environmental Activism in Urban China: The Role of Personal Networks." Ph.D. Dissertation, Environmental Policy. Wageningen Univ., NL.