

# **2005 Environmental Sustainability Index**

**Benchmarking National Environmental Stewardship**

## **Appendix I Published Citations to the Environmental Sustainability Index**

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## Appendix I – Published Citations to the ESI

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- Anderson, Terry L. and Lea-Rachel Kosnik (2002). “Symposium on Bjorn Lomborg’s *The Skeptical Environmentalist: Sustainable Skepticism And Sustainable Development*.” *Case Western Reserve Law Review* 53: 439.
- Bartelmus, Peter (2003). “Dematerialization and Capital Maintenance: Two Sides of the Sustainability Coin.” *Ecological Economics* 46(1): 61-81.
- Birdsall, Nancy and Michael Clemens (2003). *From Promise to Performance: How Rich Countries Can Help Poor Countries Help Themselves*. Washington, D.C., Center for Global Development.
- Bobrow, David B. and Mark A. Boyer (2001). “Public Opinion and International Policy Choices: Global Commitments for Japan and Its Peers?” *Japanese Journal of Political Science* 2(1): 67-95.
- Carter, Peter (2000). “World Watch: Living Green and the Bottom Line.” *Mother Earth News* (180): 14.
- Costanza, Robert and Stephen Farber (2002). “Introduction to the Special Issue on the Dynamics and Value of Ecosystem Services: Integrating Economic and Ecological Perspectives.” *Ecological Economics* 41(3): 367-373.
- Cutter, Susan L. (2003). “The Vulnerability of Science and the Science of Vulnerability.” *Annals of the Association of American Geographers* 93(1): 1-12.
- Dasgupta, Melissa (2004). “The Access Initiative: Promoting Sustainable Development Through Good Governance.” *Sustainable Development Law and Policy* IV(1): 31-37.
- de Sherbinin, Alexander (2000). “Population, Development, and Human Security: A Micro-level Perspective.” *Aviso: An Information Bulletin on Global Environmental Change and Human Security* (7): 9-15.
- Dernbach, John C. (2002). “Symposium On Bjorn Lomborg’s *The Skeptical Environmentalist: Sustainable Versus Unsustainable Propositions*.” *Case Western Reserve Law Review* 53: 449.
- Dernbach, John C. (2002). “Targets, Timetables and Effective Implementing Mechanisms: Necessary Building Blocks for Sustainable Development.” *William and Mary Environmental Law and Policy Review* 27: 79.
- Ebert, Udo and Heinz Welsch (2004). “Meaningful Environmental Indices: a Social Choice Approach.” *Journal of Environmental Economics and Management* 47(2): 270-283.
- Ecologist* (2001). “Keeping Score.” *Ecologist* 31(3): 44.
- Ecologist* (2002). “Rich Countries’ Environments No Cleaner Than Poor.” *Ecologist* 32(5): 10.
- Economist* (2001). “Finance and Economics: Green and Growing.” *Economist* 358: 74-77.
- Esty, Daniel C. (2001). “Toward Data-Driven Environmentalism: The Environmental Sustainability Index.” *Environmental Law Reporter* 31(5): 10603-10613.
- Esty, Daniel C. (2002). “Why Measurement Matters.” *Environmental Performance Measurement: The Global 2001-2002 Report* (D. C. Esty and P. Cornelius, ed.). New York: Oxford University Press.

- Esty, Daniel C. (2004). Environmental Protection in the Information Age. *New York University Law Review* 79: 115.
- Esty, Daniel C. and Michael E. Porter (2005, forthcoming). "National Environmental Performance: an Empirical Analysis of Policy Results and Determinants." *Journal of Environmental Development Economics*.
- Feitelson, Eran and Jonathan Chenoweth (2002). "Water Poverty: Towards a Meaningful Indicator." *Water Policy* 4(3): 263-281.
- Fraser, Evan D. G., Warren Mabee, et al. (2003). "Mutual Vulnerability, Mutual Dependence: The Reflexive Relation Between Human Society and the Environment." *Global Environmental Change* 13(2): 137-144.
- Fredriksson, Per G. and Daniel L. Millimet (2004). "Electoral Rules and Environmental Policy." *Economics Letters* 84(2): 237-244.
- Globerman, Steven and Daniel Shapiro (2002). "Global Foreign Direct Investment Flows: The Role of Governance Infrastructure." *World Development* 30(11): 1899-1919.
- Gowrie, Marissa N., "Environmental Vulnerability Index for the Island of Tobago, West Indies." *Conservation Ecology* [online] 7(2): 11-27.
- Hanson, Arthur J. (2003). "Measuring Progress Towards Sustainable Development." *Ocean & Coastal Management* 46(3-4): 381-390.
- Harrison, Chris (2004). "Peer Review, Politics and Pluralism." *Environmental Science and Policy* 7(5): 357-368.
- Harvard Environmental Law Review, Booknote on Richard L. Revesz., Philippe Sands, Richard B. Stewart, and Alison Aubry ed. (2001). *Environmental Law, The Economy, and Sustainable Development*. 25: 601.
- Hayward, Steven F. (2003). "A Sensible Environmentalism." *The Public Interest* (151): 62-76.
- Hecht, Joy E. (2003). "Sustainability Indicators on the Web." *Environment* 45(1): 3.
- Honkasalo, Antero (2001). "Eco-efficiency and Integrated Product Policy: Lessons from Finland." *Corporate Environmental Strategy* 8(2): 109-117.
- Hughey, Ken F. D., Ross Cullen, et al. (2004). "Application of the Pressure-State-Response Framework to Perceptions Reporting of the State of the New Zealand Environment." *Journal of Environmental Management* 70(1): 85-93.
- Hunold, Christian and John S. Dryzek (2002). "Green Political Theory and the State: Context is Everything." *Global Environmental Politics* 2(3): 17-39.
- Hur, Tak, Ik Kim, et al. (2004). "Measurement of Green Productivity and Its Improvement." *Journal of Cleaner Production* 12(7): 673-683.
- Isaksson, Raine and Rickard Garvare (2003). "Measuring Sustainable Development Using Process Models." *Managerial Auditing Journal* 18(8): 649-656.
- Jalal, Kazi F. and Peter P. Rogers (2002). "Measuring Environmental Performance in Asia." *Ecological Indicators* 2(1-2): 39-59.
- Karkkainen, Bradley C. (2003). The Pragmatic Ecologist: Environmental Protection as a JurisDynamic Experience: Adaptive Ecosystem Management and Regulatory Penalty Defaults: Toward A Bounded Pragmatism. *Minnesota Law Review* 97: 943.

- Khanna, Neha (2000). "Measuring Environmental Quality: an Index of Pollution." *Ecological Economics* 35(2): 191-202.
- Klee, Robert J. (2004). Enabling Environmental Sustainability in the United States: The Case for a Comprehensive Material Flow Inventory. *Stanford Environmental Law Journal* 23: 131.
- Krajnc, Damjan and Peter Glavic,(2005). "A Model for Integrated Assessment of Sustainable Development." *Resources, Conservation and Recycling* 43(2): 189-208.
- Leon, Cuautitemoc and Marina Robles (2002). "Developing a Cadre of Professionals With a Global Environmental Perspective." *Ocean & Coastal Management* 45(9-10): 633-648.
- Levy, Mark A. (2001). "Corruption and the 2001 Environmental Sustainability Index." *Global Corruption Report 2001*. R. Hodess. Berlin, Germany, Transparency International: 300-302.
- Lindenberg, Marc (2002). "Measuring Household Livelihood Security at the Family and Community Level in the Developing World." *World Development* 30(2): 301-318.
- Massam, Bryan H. (2002). "Quality of Life: Public Planning and Private Living." *Progress in Planning* 58(3): 141-227.
- Mol, Arthur P. J. (2002). "Ecological Modernization and the Global Economy." *Global Environmental Politics* 2(2): 92-115.
- Morse, Stephen (2003). "Greening the United Nations' Human Development Index?" *Sustainable Development* 11(4): 183-198.
- Neumayer, Eric (2002). "Do Democracies Exhibit Stronger International Environmental Commitment? A Cross-Country Analysis." *Journal of Peace Research* 39(2): 139-164.
- Nielson, Daniel L. and Micahel J. Tierney (2003). "Delegation to International Organizations: Agency Theory and World Bank Environmental Reform." *International Organization* 57(2): 241-276.
- Niemeijer, Daniel (2002). "Developing Indicators for Environmental Policy: Data-Driven and Theory-Driven Approaches Examined By Example." *Environmental Science & Policy* 5(2): 91-103.
- Parris, Thomas M. (2000). "Tracking Down State of the Environment Reports." *Environment* 42(3): 3.
- Parris, Thomas M. (2003). "Toward a Sustainability Transition--The International Consensus." *Environment* 45(1): 12.
- Parris, Thomas M. and Robert W. Kates (2003). "Characterizing and Measuring Sustainable Development." *Annual Review Environmental Resources* 28(13): 1-28.
- Robinson, Nicholas A. (2002). Befogged Vision: International Environmental Governance a Decade After Rio. *William and Mary Environmental Law and Policy Review* 27: 299.
- Ronchi, Edo, Alberto Federico, et al. (2002). "A System Oriented Integrated Indicator for Sustainable Development in Italy." *Ecological Indicators* 2(1-2): 197-210.
- Running, Steven W., Ramakrishna R. Nemani, et al. (2004). "A Continuous Satellite-Derived Measure of Global Terrestrial Primary Production." *BioScience* 54(6): 547-560.
- Salzman, James, Barton H. J. Thompson, et al. (2001). Protecting Ecosystem Services: Science, Economics, and Law. *Stanford Environmental Law Journal* 20: 309.

- Scarth, Linda L. (2002). "Reference on the Web." *The Booklist* 98(11): 963.
- Schaefer, Brett D. and Aaron Schavey (2002). *America's International Development Agenda. Background*. Washington, D.C., Heritage Foundation.
- Smith, A. Keith. and K. Cole (2002). "Reducing CAL/EPA's Environment Footprint." Quality Congress. ASQ's. Annual Quality Congress Proceedings: 301.
- Sullivan, Caroline (2002). "Calculating a Water Poverty Index." *World Development* 30(7): 1195-1210.
- Sutton, Paul C. (2003). "An Empirical Environmental Sustainability Index Derived Solely from Nighttime Satellite Imagery and Ecosystem Service Valuation." *Population and Environment* 24(4): 293-311.
- Sutton, Paul C. and Robert Costanza (2002). "Global estimates of Market and Non-Market Values Derived from Nighttime Satellite Imagery, Land Cover, and Ecosystem Service Valuation." *Ecological Economics* 41(3): 509-527.
- Welsch, Heinz (2002). "Preferences Over Prosperity and Pollution: Environmental Valuation Based on Happiness Surveys." *Kyklos* 55(4): 473-494.