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### **Resources Handout – Building Undergraduate and Graduate Programs in Ecological Economics**

National Council for Science and the Environment 10<sup>th</sup> National Conference on Science, Policy and the Environment: *The New Green Economy*  
Wednesday, January 20, 2010  
10:00 AM – 12:00 PM  
Heinz Center, 900 17th St NW Washington, DC

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### **Organizations and Websites**

#### **International Society for Ecological Economics (ISEE)**

ISEE is a not-for-profit, member-governed organization dedicated to advancing understanding of the relationships among ecological, social, and economic systems for the mutual well-being of nature and people. ISEE's provides materials and links for those who teach ecological economics and related subjects.

-Homepage: [www.ecoeco.org](http://www.ecoeco.org)

-Education resources: [www.ecoeco.org/education.php](http://www.ecoeco.org/education.php)

#### **Gund Institute for Ecological Economics, University of Vermont**

The Gund Institute seeks to shift the world's economies away from their present emphasis on infinite economic growth and toward a focus on sustainable human wellbeing. It blurs traditional academic boundaries and brings together experts, teachers, students, and stakeholders from all disciplines in order to develop new economic tools and ideas.

-Homepage: [www.uvm.edu/giee/](http://www.uvm.edu/giee/)

-Publications: [www.uvm.edu/giee/?Page=publications.html&default\\_menu.html](http://www.uvm.edu/giee/?Page=publications.html&default_menu.html)

-Certificate program: <http://metacourses.org/ecologicaleconomics/certificate/>

#### **Economics for Equity and the Environment: E3 Network**

In order to change what is wrong with the economy, this network of economists seeks to change what is wrong with economics as it is currently taught and practiced. E3 promotes a vision of an engaged, practical economics, in which an understanding of social equity and environmental protection cannot be separated.

-Homepage: [www.e3network.org](http://www.e3network.org)

-Teaching materials: [www.e3network.org/teach.html](http://www.e3network.org/teach.html)

-Ecological economics syllabi: [www.e3network.org/teach.html#ecol\\_econ](http://www.e3network.org/teach.html#ecol_econ)

### **Center for the Advancement of the Steady State Economy (CASSE)**

The mission of CASSE is to advance the steady state economy, with stabilized population and consumption, as a policy goal with widespread public support. The field of ecological economics provides the foundation for this transition from unsustainable growth to a prosperous and dynamic steady state economy.

-Homepage: [www.steadystate.org](http://www.steadystate.org)

-Teaching resources: <http://steadystate.org/discover/academics/>

-Reading list: <http://steadystate.org/discover/reading-list/>

### **Global Development and Environment Institute (GDAE), Tufts University**

GDAE is a center of expertise in economics, policy, science and technology. The institute produces numerous books, articles, teaching modules, policy documents, and discussion papers on topics at the crossroads of economics and the environment.

-Homepage: <http://ase.tufts.edu/gdae/>

-Teaching modules: [www.ase.tufts.edu/gdae/education\\_materials/modules.html](http://www.ase.tufts.edu/gdae/education_materials/modules.html)

-Publications: [www.ase.tufts.edu/gdae/publications/recentPublications.html](http://www.ase.tufts.edu/gdae/publications/recentPublications.html)

### **The Post-Autistic Economics Network**

The network seeks to change how economics is taught to provide a better link between economic theory and real-world observations. Developed out of an international student to movement to overhaul economics programs, the network produces an open online journal, *Real-World Economics Review*, with many articles about ecological economics.

-Homepage: [www.paecon.net](http://www.paecon.net)

-Papers on ecological economics:

[www.paecon.net/PAERreview/ecologicaleconomics/ecologicaleconomicsindex.htm](http://www.paecon.net/PAERreview/ecologicaleconomics/ecologicaleconomicsindex.htm)

### **Textbooks**

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Daly, Herman and Joshua Farley. 2003. *Ecological Economics: Principles and Applications*. Island Press, Washington, DC.

Farley, Joshua, J. Erickson, and H. Daly. 2005. *Ecological Economics: A Workbook for Problem-Based Learning*. Island Press, Washington, DC.

Goodwin, N., J. A. Nelson, and J. Harris. 2008. *Macroeconomics in Context*. M.E. Sharpe

Common, Michael and Sigrid Stagl. 2005. *Ecological Economics: An Introduction*. Cambridge University Press, Cambridge, U.K.

Costanza R., J. Cumberland, H. Daly, R. Goodland, and R. Norgaard. 1997. Introduction to Ecological Economics. St. Lucie Press. Available on the Encyclopedia of the Earth as an ebook:

[www.eoearth.org/article/An\\_Introduction\\_to\\_Ecological\\_Economics\\_\(e-book\)](http://www.eoearth.org/article/An_Introduction_to_Ecological_Economics_(e-book))

## Sample Course Syllabi

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- Ecology and the Economy, University of Oregon, Kevin Horan and Chris Stratton
- Ecological Economics, Virginia Tech University, Brian Czech
- Ecological Economics in Historical Context, University of California at Berkeley, Richard Norgaard

## Additional Books of Interest for Ecological Economics Courses

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Brown, Peter and Geoffrey Garver. 2009. *Right Relationship: Building a Whole Earth Economy*. Berrett-Koehler Publishers, San Francisco, California.

Cato, Molly Scott. *Green Economics: An Introduction to Theory, Policy and Practice*. Earthscan Publications Ltd.; 2009.

Czech, Brian. 2000. *Shoveling Fuel for a Runaway Train: Errant Economists, Shameful Spenders, and a Plan to Stop Them All*. University of California Press, Berkeley, California.

Daly, Herman. 1997. *Beyond Growth: The Economics of Sustainable Development*. Beacon Press, Boston, Massachusetts.

Daly, Herman. 1991. *Steady-State Economics, 2nd edition*. Island Press, Washington, DC.

Jackson, Tim. 2009. *Prosperity Without Growth: Economics for a Finite Planet*. Earthscan, London, UK.

Korten, David. *Agenda for a New Economy: From Phantom Wealth to Real Wealth*. Berrett-Koehler Publishers; 2009.

Magnuson, Joel. 2008. *Mindful Economics*. Seven Stories Press, New York, New York.

McKibben, Bill. 2007. *Deep Economy: The Wealth of Communities and the Durable Future*. Henry Holt and Company, New York, New York.

Schumacher, E.F. 1973. *Small Is Beautiful: Economics As If People Mattered*. Harper and Row Publishers, Inc., New York, New York.

Speth, James Gustave. 2008. *The Bridge at the Edge of the World: Capitalism, the Environment, and Crossing from Crisis to Sustainability*. Yale University Press, New Haven, Connecticut.

Victor, Peter. 2008. *Managing without Growth: Slower by Design, Not Disaster*. Edward Elger Publishing Limited, Cheltenham, U.K.