

Wilson Community College Sustainability – Resource List

The Big Picture

- Hot, Flat and Crowded: Thomas L. Friedman. 2008. Farrar, Straus and Giroux. Why we need a green revolution, and how it can renew America.
- Plan B 3.0: Mobilizing To Save Civilization. Lester R. Brown. W. W. Norton & Company. 2008. Investigates the most salient issues from global warming to the impact of unstable governments on our global society.
- Science Magazine's State of the Planet 2006-2007. Donald Kennedy and the Editors of *Science*. Island Press. 2006. Brings together leading environmental scientists and researchers to give readers a comprehensive yet accessible overview of current issues.
- The Sustainability Revolution: Portrait of a Paradigm Shift. Andres R. Edwards. New Society Publishers. 2005. Illustrates ways the environment can be restored.

Webpages

- Dr. James E. Hansen. Columbia University. <http://www.columbia.edu/~jeh1/>

Growth Has Limits

- Collapse: How Societies Choose To Fail Or Succeed. Jared Diamond. 2005. Penguin Books. Diamond explores how humankind's use and abuse of the environment reveal the truth behind the world's great collapses.
- Earth: The Sequel. The Race to Reinvent Energy and Stop Global Warming. Fred Krupp and Miriam Horn. 2008. W. W. Norton & Company, Inc. In this book, readers will encounter innovators and investors who are reinventing energy and the ways we use it.
- Limits To Growth: The 30-Year Update. Donella Meadows, Jorgen Randers, Dennis Meadows. 2004. Chelsea Green Publishing Company. This 30-year update presents the essential parts of the authors' original analysis and summarizes some of the relevant data and the insights they acquired over the past three decades.
- The End of Oil: On the Edge of a Perilous New World. Paul Roberts. 2004. Houghton Mifflin Company. The New York Review of Books calls this book "the best single book ever produced about our energy economy and its environmental implications."

Not The Same Thinking

- Blessed Unrest. Paul Hawken. 2007. Penguin Books. An account of how people redefine our relationship to the environment and one another.
- Mid-Course Correction. Ray C. Anderson. 1998. Chelsea Green Publishing Company. Business book about the environment that is written from a personal perspective.
- The Great Turning: From Empire to Earth Community. David C. Korten. 2006. Kumarian Press, Inc. and Berrett-Koehler Publishers, Inc. Korten makes the case that an "earth community" is possible.

Webpages

- N. C. Office of Environmental Education. 1609 Mail Service Center, Raleigh, NC 27699-1609. Phone: 919-733-0711. Toll Free: 800-482-8724. Fax: 919-733-1616. www.eenorthcarolina.org. The Office of Environmental Education serves

as a clearinghouse linking people to environmental education materials, facilities, programs and professionals across the state.

- Tangarie Alternative Power. A comprehensive renewable energy services company providing LEED™ certifiable, advanced, high efficiency, grid connected or stand-alone power/cogeneration equipment. www.tangarie.com
- The United Nations Environment Programme (UNEP). The UNEP has launched a major worldwide tree planting campaign. Under the *Plant for the Planet: Billion Tree Campaign*, people, communities, business and industry, civil society organizations and governments are encouraged to enter tree planting pledges online with the objective of planting at least one billion trees worldwide during 2007. www.unep.org/billiontreecampaign

Economy

- Cradle to Cradle. William McDonough & Michael Braungart. 2002. North Point Press. McDonough and Braungart explain how products can be designed from the outset so that, after their useful lives, they will provide nourishment for something new.
- Deep Economy: The Wealth of Communities and the Durable Future. Bill McKibben. 2007. Times Books. Henry Holt and Company, LLC. A new way to think about things we buy, food we eat, energy we use, and the money that pays for it all.
- The Ecology of Commerce: A Declaration of Sustainability. Paul Hawken. Harper Collins Publishers. 1993. Ecological analysis of business.
- The Green Collar Economy: How One Solution Can Fix Our Two Biggest Problems. Van Jones. Harper Collins Publishers. 2008. A plan for solving the failing economy and environment.

Webpages

- Real Goods. Green products. www.realgoods.com
- Rocky Mountain Institute. Nonprofit organization that fosters the efficient and restorative use of resources to make the world secure, just, prosperous, and life-sustaining. www.rmi.org

Energy

- Beyond Oil, The View From Hubbert's Peak. Kenneth S. Deffeyes. 2006. Hill and Wang. Deffeyes looks at the earth's supply of potential replacement fuels and their likely production futures.
- Post Carbon Cities: Planning for Energy and Climate Uncertainty. Daniel Lerch. 2007. Post Carbon Press. A guidebook on peak oil and global warming for local governments.
- The Passive Solar House: The Complete Guide to Heating and Cooling Your Home. James Kachadorian. 2006. Chelsea Green Publishing Company. This book offers a technique for building homes that heat and cool themselves in a range of climates using ordinary building materials available anywhere and with methods familiar to all building contractors and many do-it-yourselfers.
- The Solar House: Passive Heating and Cooling. Daniel D. Chiras, Ph.D. 2002. Chelsea Green Publishing Company. Chiras provides home builders with all the necessary tools for successful solar design.
- Twilight In The Desert. Matthew R. Simmons. John Wiley & Sons, Inc., 2005. Looks behind the curtain to reveal a Saudi oil and production industry that could soon approach a serious, irreversible decline.
- Wind Energy Basics: A Guide to Small and Micro Wind Systems. Paul Gipe. 1999. Chelsea Green Publishing Company. An introductory guide to wind-energy systems.

- Winning the Oil Endgame. Amory B. Lovins. This report focuses on the next Industrial Revolution and the manner in which the United States and the world must deal with certain oil shortages. The report explores strategies for ending oil dependence and emphasizes the need to develop viable alternative resources. www.oilendgame.com

Webpages

- Alliance to Save Energy. Promotes energy efficiency worldwide to achieve a healthier economy, a cleaner environment, and greater energy security. www.ase.org
- Energy Information Administration. Official energy statistics from the U. S. Government. www.eia.doe.gov
- Hubbert Peak of Oil Production. This website provides data, analysis and recommendations regarding the upcoming peak in the rate of global oil extraction. www.hubbertpeak.com/
- Long Term World Oil Supply Scenarios. www.eia.doe.gov/pub/oil_gas/petroleum/feature_articles/2004/worldoilsupply/oilsupply04.html
- North Carolina State Energy Office. The State Energy Office is North Carolina's lead agency for energy programs and services and serves as the official source for energy information and assistance for consumers, businesses, government agencies, community colleges and schools and the residential, commercial and industrial sectors. <http://www.energync.net/>

New Options

- Managing your Environmental Responsibilities: A Planning Guide For Construction And Development. 2005. U. S. Environmental Protection Agency. Presents background information on environmental requirements, contains a checklist to help assign environmental responsibilities, and contains seven self-audit checklists to help evaluate compliance status.
- National Green Pages™. 2006. Co-Op America. www.coopamerica.org. Connects you to thousands of socially and environmentally responsible businesses.
- Natural Capitalism: Creating The Next Industrial Revolution. Paul Hawken, Amory Lovins, L. Hunter Lovins. 1999. Back Bay Books/Little, Brown and Company. This book reveals how tomorrow's most successful global businesses will draw profit from their own environmental responsibility.
- Solar Power In Building Design: The Engineer's Complete Design Resource. Peter Gevorkian, Ph.D., P.E. 2008. The McGraw-Hill Companies, Inc. Complete guide to designing, implementing, and auditing energy-efficient, cost-effective solar power systems for residential, commercial, and industrial buildings.
- The Consumer's Guide to Effective Environmental Choices: Practical Advice From The Union of Concerned Scientists. Michael Brower, Ph.D. and Warren Leon, Ph.D. 1999. Three Rivers Press. A clear, practical, and rational overview of the relationship between consumers and the environment.

Local Resilience

- Alcohol Can Be A Gas. David Blume. 2007. International Institute for Ecological Agriculture. Comprehensive text on alcohol fuel production and use.
- Small is Possible: Life in a Local Economy. Lyle Estill. New Society Publishers. 2008. The residents of Chatham County, North Carolina discover it really is possible for a community to feed, fuel, heal, and govern itself.
- The Transition Handbook: From oil dependency to local resilience. Rob Hopkins. 2008. Green Books Ltd. This book shows how we can move from

feeling anxiety and fear in the face of 'peak oil' to developing a positive vision and taking practical action to create a more self-reliant existence.

Articles

- "Community Colleges Are Key To Addressing Transition In State's Economy, Says Center". News Release. May 15, 2008. N. C. Center for Public Policy Research. Facing Brutal Facts. Dr. Scott Ralls.
- Executive Summary: "Winning The Skills Race and Strengthening America's Middle Class: An Action Agenda For Community Colleges". January 2008. Report of The National Commission on Community Colleges. Center for Innovation Thought. College Board.
- "Higher Education More Important Than Ever To Americans, But Record Numbers Fear That Costs May Prevent Access For Many Qualified Students". News Release. May 31, 2007. Public Agenda and The National Center For Public Policy and Higher Education. Squeeze Play: How Parents and the Public Look at Higher Education Today.
- "Turning point arrives as U. S. community colleges' purview grows". USA TODAY. August 1, 2008.

Unity of All Things

- A Little Book Of Coincidence In The Solar System. John Martineau. 2001. Walker Publishing Company, Inc. This book reveals the orbital patterns of the planets and the mathematical relationships that govern them.
- The Hidden Connections. Fritjof Capra. 2002. Doubleday. Fritjof Capra applies the principles of complexity theory to an analysis of the broad sphere of all human interactions.
- The Holographic Universe. Michael Talbot. 1991. Harper Perennial, A Division of Harper Collins Publishers. Talbot explores the concept of the universe as a giant hologram containing both matter and consciousness as a single field.
- The Tao of Leadership: Lao Tzu's Tao Te Ching Adapted for a New Age. John Heider. 1985. Humanics Publishing Group. Book of wisdom.

Say it Ain't So

- Red Hot Lies: How Global Warming Alarmists Use Threats, Fraud, and Deception to Keep You Misinformed. Christopher C. Horner. 2008. Regnery Publishing. Horner argues his case against global warming and its supporters
- Cool It: The Skeptical Environmentalist's Guide to Global Warming. Bjorn Lomborg. 2008. Vintage Books USA. Lomborg argues that many of the actions now being considered to stop global warming will cost hundreds of billions of dollars without the same return on investment, often are based on emotional rather than strictly scientific assumptions, and may have very little impact on the world's temperature for centuries.