



This selective list of materials available in the Hawai'i State Public Library System (HSPLS) has been specially prepared for the Hawai'i 2050 Sustainability Kick-off Conference. Additional materials will be purchased under a special needs grant from the State Librarian, and an updated bibliography showcasing the new books and audiovisual materials will be available on HSPLS' website ([www.librarieshawaii.org](http://www.librarieshawaii.org)). Please see staff at your local library for assistance in locating similar titles or to place a request for these titles.

## Books

304.62 Ca

**The case for fewer people: the NPG forum papers.**

Seven Locks Press, 2006. *A collection of essays on Negative Population Growth, its consequences and the impact of human crowding on the future of mankind.*

304.62 Lo

Longman, Phillip

**The empty cradle: how falling birthrates threaten world prosperity and what to do about it.**

Basic Books, 2004. *Provides history and contexts of declining birth rate implications on economic prosperity, population and public policy in a graying society.*

307.2 Ag

Agnew, Eleanor

**Back from the land: how young Americans went to nature in the 1970s, and why they came back.**

Ivan R. Dee, 2004. *Examines the beauty and the danger of living so close to nature. Based on the author's experiences as well as interviews with other commune builders and homesteaders.*

307.74 Ch

Chiras, Daniel D.

**Superbia!: 31 ways to create sustainable neighborhoods.**

New Society Pub., 2003. *Presents practical ideas for remaking suburban and urban neighborhoods by creating more socially, economically, and environmentally sustainable neighborhoods.*

330.9 Me

Meadows, Donella H. et al

**Limits to growth: the 30-year update.** Chelsea Green Pub., 2004. *Summarizes relevant data and uses system dynamics theory to understate the likely scenarios of unlimited growth with finite resources leading to economic collapse.*

333.7 Fr

**From resource scarcity to ecological security: exploring new limits to growth.**

MIT Press, 2005. *Revisits the findings of "The Global 2000 Report to the President" and presents an up-to-date overview of such critical topics as population, water, food, energy, climate change, deforestation, and biodiversity.*

333.7 He

Heinberg, Richard

**Powerdown: options and actions for a post-carbon world.**

New Society Pub., 2004. *Identifies running out of fossil fuels as a known and growing problem, explores the consequences of this problem, and attempts through four scenarios to define how we might pick the right path.*

333.72 Ha

Haglund, Brent M.

**Hands-on environmentalism.**

Encounter Books, 2005. *Describes the concept of "civic environmentalism" which is based on values such as local control, personal responsibility, government accountability and economic opportunity.*

333.794 Ch

Chambers, Ann

**Renewable energy in nontechnical language.**

PennWell Corp., 2004. *A thorough review of renewable energy trends and technologies includes applications and examinations of regulations, with implications for future advances.*

333.794 Re

**Renewable energy.**

Oxford University Press, 2004. *Provides a comprehensive overview of the principal types of renewable energy including solar, thermal*

*photovoltaics, bioenergy, hydro, tidal, wind, wave, and geothermal.*

333.794 Sc

Schaeffer, John

**Solar living sourcebook: your complete guide to renewable energy technologies and sustainable living.** Gaiam Real Goods, 2005. *Provides resources on renewable energy, green resource products, off-the-grid living and alternative transportation to turn the dream of energy independence into economic reality.*

333.794 So

Sorensen, Bent

**Renewable energy: its physics, engineering, use, environmental impacts, economy and planning aspects.** Elsevier Academic Press, 2004. *Describes the effect of the sun on the atmosphere and the creation of wind and waves, including the effects of global warming, as well as looks at the social and economic aspects of renewable energy.*

333.8232 He

Heinberg, Richard

**The party's over: oil, war and the fate of industrial societies.** New Society Pub., 2003. *Examines the characteristics and physical laws of energy, the historical context of oil consumption, the approaching peak in fossil-fuel production and suggests how to face the social, economic, political and individual lifestyle changes when this happens.*

337 Gl

**Global crises, global solutions.** Cambridge University Press, 2004. *Provides arguments and data for prioritizing our responses to problems facing the world today, such as climate change, communicable diseases, conflicts, education, financial instability, corruption, migration, malnutrition and hunger, trade barriers, and water access.*

338.927 Ed

Edwards, Andres R.

**The sustainability revolution: portrait of a paradigm shift.** New Society Pub., 2005. *Analyzes sustainability as defined by selected sectors of society in terms of the principles, declarations and intentions that have emerged from conferences and publications, and which serve as guidelines for policy decisions and future activities.*

338.927 Eh

Ehrlich, Paul

**One with Ninevah: politics, consumption, and**

**the human future.** Island Press: Shearwater Books, 2004. *Analyzes ecology, demographics, migration, economics, biodiversity, ethics, climate, politics and globalization and then suggests measures "that might allow humanity in general, and the world's sole remaining superpower in particular, to alter course and work towards achieving a sustainable world."*

338.927 Gl

**Global survival: the challenge and its implications for thinking and acting.** Select Books, 2006. *A panel of thought leaders proposed a methodology to overcome obstacles for meaningful progress to future survival.*

363.599 Ge

De Souza Briggs, Xavier N.

**The geography of opportunity: race and housing choice in metropolitan America.** Brookings Institution Press, 2005. *Social scientists discuss how America's cities and suburbs should respond to the dramatically increased racial and ethnic diversity.*

363.70097 BL

Blatt, Harvey

**America's environmental report card: are we making the grade?** MIT Press, 2005. *A primer of environmental topics covering everything from water pollution to energy, global warming, and the ozone layer.*

621.042 Ke

Kemp, William H.

**The renewable energy handbook for homeowners: the complete step-by-step guide to making and selling your own power from the sun, wind, and water.** Aztext Press, 2003. *Introduction to home renewable energy and energy efficiency for off-grid applications.*

621.45 Gi

Gipe, Paul

**Wind power: renewal energy for home, farm, and business.** Completely rev. and expanded. Chelsea Green Pub. Co., 2004. *Guide to the newest and best techniques for harvesting wind energy with small and medium-sized turbines plus examples and case studies of successful wind systems and international sources for new and used equipment.*

629.2293 Ed

Edinger, Raphael

**Sustainable mobility: renewable energies for powering fuel cell vehicles.** Praeger, 2003. *Presents a careful, authoritative examination of innovative*

*technologies that have the best chance of combating dangerous reliance on conventional means of power, not only for transportation but other purposes as well.*

630 Fa

**Facilitating sustainable agriculture: participatory learning and adaptive management in times of environmental uncertainty.** Cambridge University Press, 2000. *Examines the implications of adopting more ecologically sound agricultural practices, at both individual farmer and larger-scale agro-ecosystems levels, with emphasis on human and social aspects.*

635.9671 Du

Dunnett, Nigel

**Planting green roofs and living walls.** Timber Press, 2004. *Brings together an amount of data, covering the actual logistics of how to implement plantings on roofs and building facades underlining the wide-ranging benefits of greening buildings, from recreational aspects to increased energy efficiency.*

644 Ke

Kemp, William H.

**Smart power: an urban guide to renewable energy and efficiency.** Aztext Press, 2004. *Shows homeowners that using less energy or adopting renewable-energy technologies is not about making drastic life-style sacrifices, nor is it expensive.*

668.4 St

Stevens, E.S.

**Green plastics: an introduction to the new science of biodegradable plastics.** Princeton University Press, 2002. *Assesses the increased use of plastics, to their impact on the environment and strategies for their disposal or recycling.*

690 Gr

**Green building: project planning & cost estimating: a practical guide for constructing sustainable buildings.** RS Means, 2002. *Provides a hands-on guide to today's wide range of green building materials - what they are, where to find them, and how to use them effectively. Offers in-depth practical information on the product selection, specification, and construction process.*

690.8 Ch

Chiras, Daniel D.

**The new ecological home: the complete guide to green building options.** Chelsea Green Pub., 2004. *Provides a wealth of up-to-date and practical information on green building techniques, materials, products and cutting-edge technologies.*

690.837 Sn

Snell, Clarke

**Building green: a complete how-to-guide to alternative building methods.** Lark Books, 2005. *Provides thorough discussions of the fundamental concepts of construction, substitutes for conventional approaches, and planning a home that's not only comfortable and beautiful, but environmentally responsible.*

690.837 Sn

Snell, Clarke

**The good house book: a common-sense guide to alternative homebuilding.** Lark Books, 2004. *Looks at how a home is supposed to function and a variety of different building approaches.*

696 Ew

Ewing, Rex A.

**Power with nature: alternative energy solutions for homeowners.** Updated 2<sup>nd</sup> ed. PixyJack Press, 2006. *Delves into aspects of using available, off-the-shelf solar and wind technology to power a home.*

697 Pa

Pahl, Greg

**Natural home heating: the complete guide to renewable energy options.** Chelsea Green Pub., 2003. *Teaches homeowners how to retrofit existing heating systems and choose renewable replacements, or design an entirely new house that can be heated comfortably with minimal environmental and financial impact.*

697.78 Ew

Ewing, Rex A.

**Got sun? go solar: get free renewable energy to power your grid-tied home.** PixyJack Press, 2005. *Nontechnical reference and guide for grid-connected homeowners on how to capture alternative energy and put it to use in their home.*

711.4 Ru

Rue, Harrison Bright

**Real towns: making your neighborhood work.** Local Government Commission Center for Livable Communities, 2000. *Gives local government officials, developers and citizen activists the tools needed to apply time-tested principles to revitalize their neighborhoods.*

720.472 Ha

Hawkes, Dean

**Energy efficient buildings: architecture, engineering and environment.** W. W. Norton, 2002. *Examines how energy efficiency can be enhanced by integrating advances in architecture and engineering and the*

*environmental function and performance of buildings in the twenty-first century.*

720.472 Sm

Smith, Peter F.

**Sustainability at the cutting edge: emerging technologies for low energy buildings.** Architectural Press, 2003. *Introduction to the latest in practical sustainability techniques illustrating the diverse technologies being developed to create optimum eco-efficiency in our built environment.*

728.047 Pa

Palleroni, Sergio

**Studio at large: architecture in service of global communities.** University of Washington Press, 2004. *Sustainable design solutions from the Pacific Northwest.*

RH 333.7923 Hawp

Hawai'i. Dept. of Business, Economic Development & Tourism. Strategic Industries Division.

**Photovoltaic electricity in Hawai'i.** Dept. of Business, Economic Development & Tourism. Strategic Industries Division, [2006]. *This 14-page report is in response to a state House resolution requesting a "Study on the Future of Photovoltaic Electricity in Hawai'i." Copy available online at: <http://www.hawaii.gov/dbedt/info/energy/publications/pv-report06.pdf>*

RH 631.582 Ha

**The Hawai'i version of the MOA nature farming guidelines.** Hawai'i Chapter of Pan American MOA Foundation, 2000. *MOA nature farming is a sustainable and systematic agricultural production method using no fertilizers or pesticides created and advocated by Mokichi Okada. This book covers the basic definitions, methods, and application of nature farming.*

H 711.3 Hawh

Hawaii. Legislature. Office of the Legislative Auditor. **Hawai'i 2050 Sustainability Task Force report: a report to the Governor and the Legislature of the State of Hawai'i.** The Auditor, State of Hawaii, [2005]. *Report of the Task Force's activities and recommendations. Report available online at: <http://sustainhawaii.org/taskforce/images/2050report.pdf>*

H 711.4 Honc

**Central Oahu sustainable communities plan.** Dept of Planning and Permitting, City and County of Honolulu, 2002. *Copy available online at: <http://www.co.honolulu.hi.us/refs/roh/central/>*

H 711.4 Honp

**Primary urban center development plan.** Dept of Planning and Permitting, City and County of Honolulu, 2004. *Defines the role of the primary urban center within the overall framework of islandwide planning and land management, provides policy guidance for the various land use elements, and addresses the needs to carry out the plan. Copy available online at: <http://www.co.honolulu.hi.us/refs/roh/puc/>*

H 728.370472 Fi

**Field guide for energy performance, comfort and value in Hawaii homes.** Edition 1.0b. State of Hawaii, Dept of Business, Economic Development & Tourism, 2002. *Shows how to design and build an energy-efficient, comfortable, and economical home in Hawaii using the strategies recommended in the Energy Efficiency Guidelines that the State of Hawaii Department of Business, Economic Development & Tourism developed in 2000. Copy available online at: [www.hawaii.gov/dbedt/info/energy/publications/fieldguide.pdf](http://www.hawaii.gov/dbedt/info/energy/publications/fieldguide.pdf)*

YA 333.72 Je

Jeong, Ho-Won

**Globalization and the physical environment.** Chelsea House Pub, 2006. *Examines the connections between globalization and environmental change – specifically the ozone layer, acid rain, pollution, ecosystems, and sustainable growth.*

YA 333.79 Cr

Cruden, Gabriel

**Energy alternatives.** Lucent Books, 2005. *Discusses the problem of disappearing energy due to pollution, how it affects society, what is being done to preserve what we have, and alternate means of energy supply.*

YA 333.914 Dr

Draper, Allison Stark

**Hydropower of the future: new ways of turning water into energy.** Rosen Pub. Group, 2003. *Discusses the pros and cons of hydroelectric power and provides an overview of its history in the U.S. and other countries' attempts to balance electric needs and the environment.*

YA 333.92 Te

Tecco, Betsy Dru

**Wind power of the future: new ways of turning wind into energy.** Rosen Pub. Group, 2003. *Presents the pros and cons of using wind power to help fight air pollution and meet the growing demand for electricity.*

YA 338.927 Gi

Gifford, Clive

**Sustainable development.** Raintree, 2004. *Looks at sustainable development in society and both sides of the debate over the issue.*

J 333.7 Wa

Watson, Susan

**Living sustainably.** Smart Apple Media, 2004. *Explores ways that individuals and communities can work to improve the quality of life without overusing Earth's scarce resources.*

J 333.88 Ri

Richards, Julie

**Geothermal energy and bio-energy.** Smart Apple Media, 2004. *Describes how heat beneath Earth's surface and plants and animals can be used as sources of power, how using this power affects the environment, and what the future significance of geothermal power and bio-energy may be.*

J 333.95 Bu

Burnie, David

**Endangered planet.** Kingfisher, 2004. *Examines the state of the earth's ecosystems and how renewable energy, recycling and wildlife protection will play a key role in survival of Earth.*

J 333.95616 Bo

Bocknek, Jonathan

**World fishing.** Smart Apple Media, 2004. *Part of the Understanding global issues series, this book examines such subjects as fisheries management, the world fishing industry, technologies of fishing, and the marine environment and how present action - or inaction - may affect our future.*

J 338.927 Ar

Arthus-Bertrand, Yann

**The future of the Earth: An introduction to sustainable development for young readers.** NH Abrams, 2004. *Explains how such topics as global trends, economic disparity, and invasive species, among others, have changed the world in which we live.*

J 621.47 Pa

Parker, Steve

**Solar power.** Gareth Stevens Pub., 2004. *Discusses solar power from photovoltaic cells to power plants and spacecraft.*

## Magazines and Journals

**Backhome.** Bi-monthly. *Promotes self-sufficiency and sustainable living in a how-to format. Includes coverage of organic gardening, home education, renewable energy, conservation, healthful cooking, and mortgage-free building.*

**E: The Environmental Magazine.** Bi-monthly. *Provides information on current environmental issues. Has a website at: <http://www.emagazine.com/>*

**Environment Hawai'i.** Monthly. *Discusses environmental news, issues, developments, natural resources and more in the Hawaiian islands. Has a website at: <http://www.environment-hawaii.org/>*

**Natural Home.** Bi-monthly. *Provides the inspiration, information and know-how to create an earth-friendly, healthy harmonious dwelling. Has a website at: <http://www.naturalhomeandgarden.com/>*

**Organic Gardening.** Irregular. *Discusses all types of gardening without the use of chemicals as part of a healthy lifestyle. Has a website at: <http://www.organicgardening.com>*

**Ranger Rick.** Monthly. *Contains articles for children 8 and up with full-color photos about wildlife and children in the outdoors. Advocates the sustainable use of natural resources. Has a website at: <http://nwf.org/rangerrick>*

**Your Big Backyard.** Monthly. *Presents general science for children ages three to six, developing awareness of the environment and conservation. Includes puzzles, an activities page, and experiments to perform under the supervision of an adult. Has a website at: <http://nwf.org/yourbigbackyard>*

## Audiovisual

DVD-NF 1746

**World in the balance/Nova [DVD].** WGBH Boston, 2004. *Nova special on how world population is now careening in two dramatically different directions.*

DVD-NF 2786

**Future of Food [DVD].** Lily Films, 2004. *Examines the complex web of market and political forces that are changing what we eat as huge multi-national corporations seek to control the world's food system.*

VT-NF 395

**Velocity: exploring sustainability through wind power [videorecording].** Video Project, 2003. *Shows us how wind energy has not only reduced the impact of pollution from burning fossil fuels, but has also created billions of dollars in economic development across the Northern Hemisphere.*

VT-PEV

**Conservation design in our future neighborhoods [videorecording].** Kaua'i Public Land Trust, 2001. *A form of residential development that results in the creation of needed housing while preserving important landscapes.*

## Federal Documents

PR 42.8:SU 8/AM 3

President's Council on Sustainable Development.  
**Sustainable America: a new consensus for prosperity, opportunity, and a healthy environment for the future.** President's Council on Sustainable Development: For sale by the U.S. G.P.O., Supt. of Docs., [1996]. *The Council developed a set of common goals and beliefs as the foundation for its policy recommendations to ensure that future generations have the same opportunities we have currently. Copy available online at: [http://clinton4.nara.gov/PCSD/Publications/TF\\_Reports/amer-top.html](http://clinton4.nara.gov/PCSD/Publications/TF_Reports/amer-top.html)*

PR 42.8:SU 8/AM 3/3

President's Council on Sustainable Development.  
**Towards a sustainable America: advancing prosperity, opportunity, and a healthy environment for the 21<sup>st</sup> century.** The Council; [U.S. G.P.O., Supt. of Docs., distributor, 1999]. *Copy available online at: <http://purl.access.gpo.gov/GPO/LPS27883>*

PR 42.8:SU 8/C 73

President's Council on Sustainable Development.  
Sustainable Communities Task Force.  
**Sustainable Communities Task Force report.** President's Council on Sustainable Development: For sale by the U.S. G.P.O., Supt. of Docs., [1998]. *The report's recommendations will hopefully stimulate a national discussion on how the concepts of sustainable development can be applied in local decision making to make all of our communities better places in which to live. Copy available online at: [http://clinton4.nara.gov/PCSD/Publications/suscomm/ind\\_suscom.html](http://clinton4.nara.gov/PCSD/Publications/suscomm/ind_suscom.html)*

PR 42.8:SU8/ED8

President's Council on Sustainable Development.

## Education for sustainability: an agenda for action.

President's Council on Sustainable Development: For sale by the U.S. G.P.O., Supt. of Docs., [1996?]. *Recommendations on how we can build concepts of sustainability into our educational programs. Copy available online at: <http://www.gcric.org/edu/pcsd/toc.html>*

## Hawaii Documents

**Economic Momentum Commission: final report: December 19, 2005.** Gov. Linda Lingle formed this commission "to develop an action plan to sustain the state's current economic momentum, reduce the traditional peaks and valleys of economic cycles, and enhance Hawai'i's natural and cultural resources." *Hawai'i 2050 Sustainability Task Force expects to pick up many of the recommendations (Star-Bulletin, 12/28/05). Final report available online at: [http://www.emc-hawaii.com/pdf/2005\\_final\\_report.pdf](http://www.emc-hawaii.com/pdf/2005_final_report.pdf)*

## Websites

<http://www.nrel.gov/>

National Renewable Energy Laboratory's website on new research and development in renewable energy.

<http://www.smartcommunities.ncat.org/>

This site offers "resources, tools, links to articles and publications, and community success stories on a variety of topics from Community Energy, to Green Development, to Sustainable Business." *Sponsored by the National Center for Appropriate Technology.*

<http://www.sustainablemeasures.com/>

Website that includes basic definitions and training materials on sustainability and sustainable communities. *Sustainable Measures is a private consulting firm dedicated to promoting sustainable communities.*

Photos courtesy of Hawaiian Island Humpback Whale National Marine Sanctuary, Warren Gretz, PowerLight Corporation, Hawaiian Electric Light Co., John Lund - Geo-Heat Center and DOE/NREL.

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