

Energy and the Environment: Find it at the Melrose Public Library

Non-Fiction Adult

Green from the ground up: a builder's guide: sustainable, healthy, and energy-efficient home construction / David Johnston & Scott Gibson. Newtown, CT: Taunton Press, c2008.

According to Johnston (a leader in the green building movement) and Gibson (contributing editor to Fine Homebuilding magazine), 40% of the world's resources go into buildings and 66% of the electricity generated is for heating, cooling, and lighting them. After making a strong case for sustainable building, they provide practical advice for the process from the layout and foundation to interior finishes and landscaping in this well- illustrated guide.

The homeowner's guide to renewable energy: achieving energy independence through solar, wind, biomass and hydropower/ Dan Chiras. Gabriola, BC: New Society, c2006.

Shows you how to tap into clean, affordable, renewable energy resources to heat and cool homes, to provide hot water and electricity, and even to cook... Gives readers sufficient knowledge to hire and communicate effectively with contractors and, for those wanting do installations themselves, it recommends more detailed manuals.

50 simple things you can do to save the earth/ Earth Works Group. 363.7 Fifty 1989

Today's environmental problems may seem too overwhelming for one person to tackle . . . but you don't have to do it alone. Now you have partners--50 of them. It's easy to get started. Just pick one!

Saving the earth : a citizen's guide to environmental action/ Will Steger and Jon Bowermaster; illustrations by Mike Mikos. 363.7 Steger 1990

The green book: the everyday guide to saving the planet one simple step at a time /

Elizabeth Rogers and Thomas M. Kostigen

Ellen DeGeneres, Robert Redford, and other celebrities tell you how they make a difference to the environment. With wit and authority, authors Rogers and Kostigen provide hundreds of solutions for all areas of your life, pinpointing the smallest changes that have the biggest impact on the health of our precious plane.

1 copy ordered for Melrose on 10-15-2008

Creating greenways : a citizen's guide 639.95 Creating 2000

Commonwealth of Massachusetts, Executive Office of Environmental Affairs, Department of Environmental Management.

The Bill McKibben reader: pieces from an active life /Bill McKibben. 333.72 McKibben 2008

The best of McKibben's essays, fiery, magical, and infused with his uniquely soulful investigations of modern life, are collected in a single volume.

Field notes from a catastrophe: man, nature, and climate change/Elizabeth Kolbert. 363.738

Kolbert 2006

From Publishers Weekly. On the burgeoning shelf of cautionary but occasionally alarmist books warning about the consequences of dramatic climate change, Kolbert's calmly persuasive reporting stands out for its sobering clarity. Kolbert lets facts rather than polemics tell the story. In her most pointed chapter, Kolbert chides the U.S. for refusing to sign on to the Kyoto Accord. In her most upbeat chapter, Kolbert singles out Burlington, Vt., for its impressive energy-saving campaign, which ought to be a model for the rest of the nation—just as this unbiased overview is a model for writing about an urgent environmental crisis.

Last child in the woods: saving our children from nature-deficit disorder/Richard Louv 155.418

Louv 2005

Author talks with parents, children, teachers, scientists, religious leaders, child-development researchers, and environmentalists who recognize the threat and offer solutions. Mr. Louv shows us an alternative future, one in which parents help their kids experience the natural world more deeply - and find the joy of family connectedness in the process. -Dust jacket.

Common wealth: economics for a crowded planet / Jeffrey D. Sachs. New York: Penguin Press, 2008. Assessment of the environmental degradation, rapid population growth, and extreme poverty that threaten global peace and prosperity, with practical solutions based on a new economic paradigm for our crowded planet.

Global warming: the science of climate change/ Frances Drake. 363.7 Drake 2000

This book introduces the basic concepts of global climate change and will lead readers toward the current scientific literature where they will find the details behind the generalities. The book is aimed at those interested in, or currently studying, geography, earth, and environmental sciences. In general, a very readable resource on global climate change science.

The hot topic: what we can do about global warming/ Gabrielle Walker and Sir David King.

363.738 Walker 2008

From Publishers Weekly In this excellent primer on arguably the most serious problem facing the world today, Walker (*An Ocean of Air*) and King, the U.K.'s chief science adviser, present in concise layman's language everything you wanted to know about global warming but were too depressed to ask. Entertaining as well as deadly serious, this lucid book, which includes an appendix that dispels many myths and misconceptions, explains in the clearest possible way why we should care about global warming and what we can do about it.

Fueling our future: an introduction to sustainable energy / Robert L. Evans. Cambridge, England : Cambridge University Press, 2007.

Provides a concise overview of current energy demand and supply patterns. It presents a balanced view of how our reliance on fossil fuels can be changed over time so that we have a much more sustainable energy system in the near future. Written in a non-technical and accessible style, the book will appeal to a wide range of readers without scientific backgrounds

Earth, the sequel: the race to reinvent energy and stop global warming/ Fred Krupp and Miriam Horn. 621.042 Krupp 2008.

Krupp, longtime president of the Environmental Defense Fund, and Horn present a stirring and hopeful call to arms as they feature the bold innovators and investors who are reinventing energy and the ways we use it. Includes information on alternative fuels, solar and wind energy, ethanol, and wave power.

The dominant animal: human evolution and the environment /Paul R. Ehrlich and Anne H. Ehrlich. 2008

A look at the history of homo sapiens and their relationship with technology and environment. This book also explores the future of humanity and the ability for science to solve problems and issues of the future.

1 copy ordered for Melrose on 10-25-2008

[Videorecording] An Inconvenient Truth: A Global Warning / Paramount Classics and Participant Productions Present; Produced By Lawrence Bender, Scott Burns, Laurie David ; Directed By Davis Guggenheim.

[Sound recording] The appeal / John Grisham.

Wall street millionaire Carl Trudeau purchases an unsuspecting candidate to run for Supreme Court judge when a Mississippi judge rules against one of his chemical companies for dumping toxic waste into the town's water supply causing a cancer cluster.

Young Adults

American environmentalism / Greg Barton, book editor. YA 363.7 American

The environment: opposing viewpoints / William Dudley, book editor. YA 363.7 Dudley

Weird weather: everything you didn't want to know about climate change but probably should find out/ Evans, Kate. YA 363.738 Evans

Global warming YA 363.738 Global / Dan Minkel, book editor. 2007

An inconvenient truth: the crisis of global warming / Al Gore; YA 363.738 Gore
[adapted for young readers by Jane Gore]

It's your world--if you don't like it, change it: activism for teenagers / Mikki Halpin. YA 371.8
Halpin

Fiction

The final warning [sound recording] and book /James Patterson. 2008 YA Patterson
While on a mission to Antarctica to save the world from global warming, fourteen-year-old Maximum Ride and the other members of the Flock--a band of genetically modified children who can fly--are pursued by their creator, the Uber-Director, who wants to auction them off to the highest bidder.

Write naked /Peter Gould. 2008 YA Gould
When Victor finds an old Royal typewriter at a yard sale and takes it to his uncle's isolated cabin in the Vermont woods to attempt to write, he meets up with an unusual girl, and together they explore their concerns about the world, themselves, and each other.

Exodus /Julie Bertagna. 2008 YA Bertagna
In the year 2100, as the island of Wing is about to be covered by water, fifteen-year-old Mara discovers the existence of New World sky cities that are safe from the storms and rising waters, and convinces her people to travel to one of these cities in order to save themselves.

Juvenile

How we know what we know about our changing climate: scientists and kids explore global warming/ Lynne Cherry and Gary Braasch; with a foreword by David Sobel. J 551.6 Cherry
"This volume describes where scientists look to find evidence of climate change--from changes in bird migration patterns and fruit blossom dates, to obtaining tree rings and mud cores--and especially how students and other citizen-scientists are assisting to monitor climate change, as well as what can be done to mitigate global warming"--Provided by publisher.

Respecting our world/ Sue Barraclough. J 333.7 Barraclough 2008
"Discover how to make a difference to the planet by reusing things, reducing garbage, recycling materials, and respecting our world..."--Cover back.

The Conservationworks book : practical conservation tips for the home and outdoors /
Lisa Capone; illustrated by Cady Goldfield. J 363.7 Capone. 1992
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.

Solar power / Julie Richards. North Mankato, Minn.: Smart Apple Media, 2003.
What is **energy**? -- The sun as a source of **energy** -- Where does the sun's **energy** come from? -- Using solar **energy** -- Solar **energy** through history -- Early solar technology -- Modern solar technology -- Turning sunlight into electricity -- Solar power at work -- Solar power in the future -- Advantages and disadvantages of solar power.

The down-to-earth guide to global warming/ Laurie David and Cambria Gordon. J 363.738 David 2007
Discusses why global warming happens, the ways in which it impacts our planet, and how we can work together to stop it.

Why are the ice caps melting?: the dangers of global warming/ Anne Rockwell; illustrated by Paul Meisel. J 363.73 Rockwell 2006
Tells about the greenhouse effect, recycling, and what you can do to help fight global warming

Happy feet [videorecording] Kingdom Feature Productions ; Animal Logic ; Kennedy Miller Productions ; Village Roadshow Pictures ; produced by Bill Miller, George Miller, Doug Mitchell ; written by Warren Coleman, John Collee, George Miller, Judy Morris ; directed by George Miller. 2007 DVD

Emperor Penguins from Antarctica each express their true love with a special heart song of their own that expresses their very being. However, the misfit Mumble cannot sing. Instead he has an extraordinary talent to tap dance with almost magical energy and expression. Nevertheless, the leadership of the colony fearfully blames the young penguin's unorthodox ways for the lean fishing that threatens them all. Defiant in the face of unjust rejection, Mumble and his true friends set out to find the true cause of the famine. Through the friends' trials and perils, Mumble learns many things about his frozen world, not the least of which being that his toe tapping talent may be what he needs to save his people.