### The Book of Masonry Stoves - Lyle - 1984-03-01

This book represents the first comprehensive survey ever published of all the major types of masonry heating systems, ancient and modern. Rediscover the economic way to heat.

### The Book of Masonry Stoves - David Lyle - 1984

This book represents the first comprehensive survey ever published of all the major types of masonry heating systems, ancient and modern. Rediscover the economic way to heat.

### The Book of Masonry Stoves - David Lyle - 1984

This book represents the first comprehensive survey ever published of all the major types of masonry heating systems, ancient and modern. Rediscover the economic way to heat.

### Masonry Heaters - Ken Matesz - 2010-09-07

Masonry Heaters is a complete guide to designing and living with one of the oldest, and yet one of the newest, heating devices. A masonry heater's design, placement in the home, and luxurious radiant heat redefine the hearth for the modern era, turning it into a piece of the sun right inside the home. Like the feeling one gets from the sun on a spring day, the environment around a masonry heater feels fresh. The radiant heat feels better on the skin. It warms the home both gently and efficiently. In fact, the value of a masonry heater lies in its durability, quality, serviceability, dependability, and health-supporting features. And it is an investment in self-sufficiency and freedom from fossil fuels. The book discusses different masonry heater designs, including variations extant in Europe, and explains the growth of their popularity in the United States beginning in the late 1970s. For the reader who may be familiar only with open fireplaces and metal woodstoves, Masonry Heaters will bring a new understanding and appreciation of massive heat storage and gentle-but-persistent radiant heat. Masonry heaters offer a unique comfort that is superior to that from convection heat from forced-air systems, and more personal than that...
Masonry Heaters - Ken Matesz - 2010-09-07
Masonry Heaters is a complete guide to designing and living with one of the oldest, and yet one of the newest, heating devices. A masonry heater's design, placement in the home, and luxurious radiant heat redefine the hearth for the modern era, turning it into a piece of the sun right inside the home. Like the feeling one gets from the sun on a spring day, the environment around a masonry heater feels fresh. The radiant heat feels better on the skin. It warms the home both gently and efficiently. In fact, the value of a masonry heater lies in its durability, quality, serviceability, dependability, and health-supporting features. And it is an investment in self-sufficiency and freedom from fossil fuels. The book discusses different masonry heater designs, including variations extant in Europe, and explains the growth of their popularity in the United States beginning in the late 1970s. For the reader who may be familiar only with open fireplaces and metal woodstoves, Masonry Heaters will bring a new understanding and appreciation of massive heat storage and gentle-but-persistent radiant heat. Masonry heaters offer a unique comfort that is superior to that from convection heat from forced-air systems, and more personal than that offered by “radiant” floors. As Matesz demonstrates, the heat from the sun or from a masonry heater is genuine heat instead of just insulation against the loss of heat. Those who are looking to build, add onto, or remodel a house will find comprehensive and practical advice for designing and installing a masonry heater, including detailed discussion of materials, code considerations, and many photos and illustrations. While this is not a do-it-yourself guide for building a masonry heater, it provides facts every heater builder should know. Professional contractors will find this a useful tool to consult, and homeowners considering a new method of home heating will find all they need to know about masonry heaters within these pages.

From the Wood-fired Oven - Richard Miscovich - 2013
Provides advice, techniques, and tips for building and working with wood-fired ovens along with recipes for different heat cycles.

Walker Tiny Masonry Cook Stove Plans - Matthew Remine - 2017-11
Simple, easy to read plans allow you to build your own super efficient wood burning cook stove. Easy to cut and work with, ceramic fiber board allows easy, quick construction of the highest performance cook stove core possible. Easy hardware solutions and clear brick layout simplifies the build. Tested and proven dimensions mean you get it right the first time. Build a warm cozy cook stove for the center of your home to provide a lifetime of heating, cooking, and memories. More info: https://youtu.be/uajW0mzPBuk

The Rocket Mass Heater Builder's Guide - Erica Wisner - 2016-05-16
Heating with wood is often considered a natural and economical alternative to electricity or fossil fuels. However, even with a fairly new and efficient woodstove, many cords of wood are required for burning over the course of a single winter, and incomplete combustion can contribute to poor air quality. A rocket mass heater is an earthen masonry heating system which
Heating with wood is often considered a natural and economical alternative to electricity or fossil fuels. However, even with a fairly new and efficient woodstove, many cords of wood are required for burning over the course of a single winter, and incomplete combustion can contribute to poor air quality. A rocket mass heater is an earthen masonry heating system which provides clean, safe, and efficient warmth for your home, all while using 70 to 90 percent less fuel than a traditional woodstove. These unique and beautiful installations provide luxurious comfort year round. In cold weather a few hours of clean, hot burning can provide twenty or more hours of steady warmth, while the unit's large thermal mass acts as a heat sink, cooling your home on sizzling summer days. Packed with hard-to-find information, The Rocket Mass Heater Builder's Guide includes:

Comprehensive design, construction, and installation instructions combined with detailed maintenance and troubleshooting advice Brick-by-brick layouts, diagrams, and architectural plans augmented with detailed parts drawings and photographs for clarity Relevant and up-to-date code information and standards to help you navigate the approval process with local building departments Lithium ion masonry heating systems are well-suited for natural and conventional builders alike. A super-efficient, wood-burning, rocket mass heater can help you dramatically reduce your energy costs while enhancing the beauty, value, and comfort of your home. Erica Wisner and Ernie Wisner have built over seven hundred super-efficient, clean-burning masonry stoves. They are dedicated to the search for sustainable solutions and the hands-on teaching of creative, ecological, and practical skills.

The Rocket Mass Heater Builder's Guide - Erica Wisner - 2016-05-16

Heating with wood is often considered a natural and economical alternative to electricity or fossil fuels. However, even with a fairly new and efficient woodstove, many cords of wood are required for burning over the course of a single winter, and incomplete combustion can contribute to poor air quality. A rocket mass heater is an earthen masonry heating system which provides clean, safe, and efficient warmth for your home, all while using 70 to 90 percent less fuel than a traditional woodstove. These unique and beautiful installations provide luxurious comfort year round. In cold weather a few hours of clean, hot burning can provide twenty or more hours of steady warmth, while the unit's large thermal mass acts as a heat sink, cooling your home on sizzling summer days. Packed with hard-to-find information, The Rocket Mass Heater Builder's Guide includes:

Comprehensive design, construction, and installation instructions combined with detailed maintenance and troubleshooting advice Brick-by-brick layouts, diagrams, and architectural plans augmented with detailed parts drawings and photographs for clarity Relevant and up-to-date code information and standards to help you navigate the approval process with local building departments Lithium ion masonry heating systems are well-suited for natural and conventional builders alike. A super-efficient, wood-burning, rocket mass heater can help you dramatically reduce your energy costs while enhancing the beauty, value, and comfort of your home. Erica Wisner and Ernie Wisner have built over seven hundred super-efficient, clean-burning masonry stoves. They are dedicated to the search for sustainable solutions and the hands-on teaching of creative, ecological, and practical skills.

The Economics of Social Determinants of Health and Health Inequalities - World Health Organization - 2013

"This resource book discusses the economic arguments that could (and could not) be put forth to support the case for investing in the social determinants of health on average and in the reduction in socially determined health inequalities. It provides an overview and introduction into how economists would approach the assessment of the economic motivation to invest in the social determinants of health and socially determined health inequities, including what the major challenges are in this assessment. It illustrates the extent to which an economic argument can be made in favour of investment in 3 major social determinants of health areas: education, social protection, and urban development and infrastructure. It describes whether education policy, social protection, and urban development, housing and transport policy can act as health policy"--
1993, the authors developed this "Flexible Form Rammed Earth Technique" can be made in favour of investment in 3 major social determinants of health areas: education, social protection, and urban development and infrastructure. It describes whether education policy, social protection, and urban development, housing and transport policy can act as health policy--

The Cob Builders Handbook - Becky Bee - 1997
Cob (an old English word for lump) is old-fashioned concrete, made out of a mixture of clay, sand, and straw. Becky Bee's manual is a friendly guide to making your own earth structure, with chapters on design, foundations, floors, windows and doors, finishes, and of course, making glorious cob. "I believe that building with cob is a way to recreate community and experience the joy of working together while taking back the right to build our own homes and look after our Mother Earth." She loves doing something that makes sense in a world where lots of things don't.

The Cob Builders Handbook - Becky Bee - 1997
Cob (an old English word for lump) is old-fashioned concrete, made out of a mixture of clay, sand, and straw. Becky Bee's manual is a friendly guide to making your own earth structure, with chapters on design, foundations, floors, windows and doors, finishes, and of course, making glorious cob. "I believe that building with cob is a way to recreate community and experience the joy of working together while taking back the right to build our own homes and look after our Mother Earth." She loves doing something that makes sense in a world where lots of things don't.

Earthbag Building - Kaki Hunter - 2004-11-19
The only comprehensive, illustrated, step-by-step guide to building with earthbags. Over seventy percent of Americans cannot afford to own a code-enforced, contractor-built home. This has led to widespread interest in using natural materials-straw, cob, and earth-for building homes and other buildings that are inexpensive, and that rely largely on labor rather than expensive and often environmentally-damaging outsourced materials. Earthbag Building is the first comprehensive guide to all the tools, tricks, and techniques for building with bags filled with earth-or earthbags. Having been introduced to sandbag construction by the renowned Nader Khalili in 1993, the authors developed this "Flexible Form Rammed Earth Technique" over the last decade. A reliable method for constructing homes, outbuildings, garden walls and much more, this enduring, tree-free architecture can also be used to create arched and domed structures of great beauty-in any region, and at home, in developing countries, or in emergency relief work. This profusely illustrated guide first discusses the many merits of earthbag construction, and then leads the reader through the key elements of an earthbag building: Special design considerations Foundations, walls, and floors Electrical, plumbing, and shelving Lintels, windows and door installations Roofs, arches and domes Exterior and interior plasters. With dedicated sections on costs, making your own specialized tools, and building code considerations, as well as a complete resources guide, Earthbag Building is the long-awaited, definitive guide to this uniquely pleasing construction style. Mother Earth News Wiser Living Series

Earthbag Building - Kaki Hunter - 2004-11-19
The only comprehensive, illustrated, step-by-step guide to building with earthbags. Over seventy percent of Americans cannot afford to own a code-enforced, contractor-built home. This has led to widespread interest in using natural materials-straw, cob, and earth-for building homes and other buildings that are inexpensive, and that rely largely on labor rather than expensive and often environmentally-damaging outsourced materials. Earthbag Building is the first comprehensive guide to all the tools, tricks, and techniques for building with bags filled with earth-or earthbags. Having been introduced to sandbag construction by the renowned Nader Khalili in 1993, the authors developed this "Flexible Form Rammed Earth Technique" over the last decade. A reliable method for constructing homes, outbuildings, garden walls and much more, this enduring, tree-free architecture can also be used to create arched and domed structures of great beauty-in any region, and at home, in developing countries, or in emergency relief work. This profusely illustrated guide first discusses the many merits of earthbag construction, and then leads the reader through the key elements of an earthbag building: Special design considerations Foundations, walls, and floors Electrical, plumbing, and shelving Lintels, windows and door installations Roofs, arches and domes Exterior and
products such as farmers cheese and cultured butter, puff pastry hand pies specialized tools, and building code considerations, as well as a complete resources guide, Earthbag Building is the long-awaited, definitive guide to this uniquely pleasing construction style. Mother Earth News Wiser Living Series

**Beyond the North Wind** - Darra Goldstein - 2020  
100 traditional yet surprisingly modern recipes from the far northern corners of Russia, featuring ingredients and dishes that young Russians are rediscovering as part of their heritage. Russian cookbooks tend to focus on the food that was imported from France in the nineteenth century or the impoverished food of the Soviet era. Beyond the North Wind explores the true heart of Russian food, a cuisine that celebrates whole grains, preserved and fermented foods, and straightforward but robust flavors. Recipes for a dazzling array of pickles and preserves, infused vodkas, homemade dairy products such as farmers cheese and cultured butter, puff pastry hand pies stuffed with mushrooms and fish, and seasonal vegetable soups showcase Russian foods that are organic and honest--many of them old dishes that feel new again in their elegant minimalism. Despite the country's harsh climate, this surprisingly sophisticated cuisine has an incredible depth of flavor to offer in dishes like Braised Cod with Horseradish, Roast Lamb with Kashka, Black Currant Cheesecake, and so many more. This home-style cookbook with a strong sense of place and evocative storytelling brings to life a rarely seen portrait of Russia, its people, and its palate--with 100 recipes, gorgeous photography, and essays on the little-known culinary history of this fascinating and wild part of the world.

**Water, Cultural Diversity, and Global Environmental Change** - Barbara Rose Johnston - 2011-12-07  
Co-published with UNESCO A product of the UNESCO-IHP project on Water and Cultural Diversity, this book represents an effort to examine the complex role water plays as a force in sustaining, maintaining, and threatening the viability of culturally diverse peoples. It is argued that water is a fundamental human need, a human right, and a core sustaining element in biodiversity and cultural diversity. The core concepts utilized in this book draw upon a larger trend in sustainability science, a recognition of the synergism and analytical potential in utilizing a coupled biological and social systems analysis, as the functioning viability of nature is both sustained and threatened by humans.

**Water, Cultural Diversity, and Global Environmental Change** - Barbara Rose Johnston - 2011-12-07  
Co-published with UNESCO A product of the UNESCO-IHP project on Water and Cultural Diversity, this book represents an effort to examine the complex role water plays as a force in sustaining, maintaining, and threatening the viability of culturally diverse peoples. It is argued that water is a fundamental human need, a human right, and a core sustaining element in biodiversity and cultural diversity. The core concepts utilized in this book draw upon a larger trend in sustainability science, a recognition of the synergism and analytical potential in utilizing a coupled biological and social systems analysis, as the functioning viability of nature is both sustained and threatened by humans.
The Humane Metropolis - Rutherford H. Platt - 2006
Exploring the prospects for a more humane metropolis through a series of essays and case studies that consider why and how urban places can be made greener and more amenable, this book examines topics such as urban and regional greenspaces, urban ecological restoration, social equity, and green design.

The Humane Metropolis - Rutherford H. Platt - 2006
Exploring the prospects for a more humane metropolis through a series of essays and case studies that consider why and how urban places can be made greener and more amenable, this book examines topics such as urban and regional greenspaces, urban ecological restoration, social equity, and green design.

Dead Mountain - Donnie Eichar - 2013-10-22
A New York Times and Wall Street Journal bestseller – What happened that night on Dead Mountain? The mystery of Dead Mountain: In February 1959, a group of nine experienced hikers in the Russian Ural Mountains died mysteriously on an elevation known as Dead Mountain. Eerie aspects of the incident—unexplained violent injuries, signs that they cut open and fled the tent without proper clothing or shoes, a strange final photograph taken by one of the hikers, and elevated levels of radiation found on some of their clothes—have led to decades of speculation over what really happened. As gripping and bizarre as Hunt for the Skin Walker: This New York Times bestseller, Dead Mountain: The Untold True Story of the Dyatlov Pass Incident, is a gripping work of literary nonfiction that delves into the mystery of Dead Mountain through unprecedented access to the hikers’ own journals and photographs, rarely seen government records, dozens of interviews, and the author's retracing of the hikers' fateful journey in the Russian winter. You'll love this real-life tale: Dead Mountain is a fascinating portrait of young adventurers in the Soviet era, and a skillful interweaving of the hikers' narrative, the investigators' efforts, and the author's investigations. Here for the first time is the real story of what happened that night on Dead Mountain.

Building Your Own Home For Dummies - Kevin Daum - 2011-03-04
Keep construction on track with helpful checklists Turn your dream of a custom home into reality! Thinking about building your own home? This easy-to-follow guide shows you how to plan and build a beautiful home on any budget. From acquiring land to finding the best architect to overseeing the construction, you get lots of savvy tips on managing your new investment wisely -- and staying sane during the process! Discover how to: * Find the best homesite * Navigate the plan approval process * Obtain financing * Hire the right contractor * Cut design and construction costs * Avoid common mistakes

Building Your Own Home For Dummies - Kevin Daum - 2011-03-04
Keep construction on track with helpful checklists Turn your dream of a custom home into reality! Thinking about building your own home? This
acacias. The girl was leaning on the Parapet, eating mulberries. She displayed her purple-stained hands and laughed. M. Hervart looked-up. "You've got a moustache as well," he said. "It looks very funny." "But I don't want to look funny." She walked to the little stream flowing close at hand, wetted her handkerchief and began wiping her mouth. M. Hervart's eyes returned to his magnifying glass; he went on examining the daisy on which he had two scarlet bugs so closely joined together that they seemed a single insect. They had gone to sleep in the midst of their love-making, and but for the quivering of their long antennae, you would have thought they were dead. M. Hervart would have liked to watch the ending of this little scene of passion; but it might go on for hours. He lost heart. "What's more," he reflected, "I know that the male does not die on the spot; he goes running about in search of food as soon as he's free. Still, I would have liked to see the mechanism of separation. That will come with luck. One must always count on luck, whether one is studying animals or men. To be sure, there is also patience, perseverance." He made a little movement with his head signifying, no doubt, that patience and perseverance were not in his line. Then, very gently he laid the flower with its sleeping burden on the parapet of the terrace. It was only then he noticed that Rose was no longer there.

The terrace was in a ruinous state, over-grown with grass and brambles and acacias. The girl was leaning on the Parapet, eating mulberries. She displayed her purple-stained hands and laughed. M. Hervart looked-up. "You've got a moustache as well," he said. "It looks very funny." "But I don't want to look funny." She walked to the little stream flowing close at hand, wetted her handkerchief and began wiping her mouth. M. Hervart's eyes returned to his magnifying glass; he went on examining the daisy on which he had two scarlet bugs so closely joined together that they seemed a single insect. They had gone to sleep in the midst of their love-making, and but for the quivering of their long antennae, you would have thought they were dead. M. Hervart would have liked to watch the ending of this little scene of passion; but it might go on for hours. He lost heart. "What's more," he reflected, "I know that the male does not die on the spot; he goes running about in search of food as soon as he's free. Still, I would have liked to see the mechanism of separation. That will come with luck. One must always..."
interested in taking their bread and pizza to the next level of excellence, also patience, perseverance." He made a little movement with his head signifying, no doubt, that patience and perseverance were not in his line. Then, very gently he laid the flower with its sleeping burden on the parapet of the terrace. It was only then he noticed that Rose was no longer there.

Brittle Power - Amory B. Lovins - 1982
Points out how vulnerable America's energy system is to sabotage, technical failures, and natural disasters, and discusses the advantages of decentralization

Brittle Power - Amory B. Lovins - 1982
Points out how vulnerable America's energy system is to sabotage, technical failures, and natural disasters, and discusses the advantages of decentralization

The Bread Builders - Alan Scott - 1999-07-01
Creating the perfect loaf of bread--a challenge that has captivated bakers for centuries--is now the rage in the hippie places, from Waitsfield, Vermont, to Point Reyes Station, California. Like the new generation of beer drinkers who consciously seek out distinctive craft-brewed beers, many people find that their palates have been reawakened and re-educated by the taste of locally baked, whole-grain breads. Today's village bakers are finding an important new role--linking tradition with a sophisticated new understanding of natural leavens, baking science and oven construction. Daniel Wing, a lover of all things artisinal, had long enjoyed baking his own sourdough bread. His quest for the perfect loaf began with serious study of the history and chemistry of bread baking, and eventually led to an apprenticeship with Alan Scott, the most influential builder of masonry ovens in America. Alan and Daniel have teamed up to write this thoughtful, entertaining, and authoritative book that shows you how to bake superb healthful bread and build your own masonry oven. The authors profile more than a dozen small-scale bakers around the U.S. whose practices embody the holistic principles of community-oriented baking based on whole grains and natural leavens. The Bread Builders will appeal to a broad range of readers, including: Connoisseurs of good bread and good food. Home bakers interested in taking their bread and pizza to the next level of excellence. Passionate bakers who fantasize about making a living by starting their own small bakery. Do-it-yourselfers looking for the next small construction project. Small-scale commercial bakers seeking inspiration, the most up-to-date knowledge about the entire bread baking process, and a marketing edge.

Archaeology - Kevin Greene - 2010-06-17
Book Cover -- Title -- Copyright -- Contents -- List of illustrations -- List of
the-of-masonry-stoves-rediscovering-an-old-way-of-warming
In Praise of Slow - Carl Honore - 2009-06-12
In the tradition of such trailblazing books as No Logo and The Tipping Point, In Praise of Slow heralds a growing international movement of people dedicated to slowing down the pace of our contemporary times and enjoying a richer, fuller life as a result. These days, almost everyone complains about the hectic pace of their lives. We live in a world where speed rules and everyone is under pressure to go faster. But when speed is king, anyone or anything that gets in our way, that slows us down, becomes an enemy. Thanks to speed, we are living in the age of rage. Carl Honore has discovered a movement that is quickly working its way into the mainstream. Groups of people are developing a recipe for living better in a fast-paced, modern environment by striving for a new balance between fast and slow. In an entertaining and hands-on investigation of this new movement, Honore takes us from a Tantric sex workshop in a trendy neighbourhood in London, England to Bra, Italy, the home of the Slow Food, Slow Cities and Slow Sex movements. He examines how we can continue to live productive lives by embracing the tenets of the slow movement. A challenging take on the cult of speed, as well as a corrective look at how we can approach our lives with new understanding, In Praise of Slow uncovers a movement whose time has come.

Fifth Business - 1996

Making Better Buildings - Chris Magwood - 2014-03-25
Sustainable building from the ground up - the pros and cons of the latest green and natural materials and technologies

Making Better Buildings - Chris Magwood - 2014-03-25
Sustainable building from the ground up - the pros and cons of the latest green and natural materials and technologies

The Foxfire Book - Eliot Wigginton - 1972
Interviews and essays describe the way of life and crafts of pioneer America still surviving in the Appalachian region.

The original, complete, user-friendly introduction to natural building, now fully revised and updated. The popularity of natural building has grown by leaps and bounds, spurred by a grassroots desire for housing that is healthy, affordable, and environmentally responsible. While there are many books available on specific methods such as straw-bale construction, cob, or timber framing, there are few resources which introduce the reader to the entire scope of this burgeoning field. Fully revised and updated, The Art of Natural Building is the complete and user-friendly introduction to natural building for everyone from the do-it-yourselfer to architects and designers. This collection of articles from over fifty leaders in the field is now stunningly illustrated with over two-hundred full-color photographs of natural buildings from around the world. Learn about: The case for building with natural materials, from the perspectives of sustainability, lifestyle, and health. What you need to know to plan and design your own beautiful and efficient natural home. Explanations of thirty versatile materials and techniques, with resources on where to go for further information on each. How these techniques are being used to address housing crises around the world. Clearly written, logically organized, and beautifully illustrated, The Art of Natural Building is the encyclopedia of natural building. Joseph F. Kennedy is a designer, builder, writer, artist, educator, and co-founder of Builders Without Borders. Michael G. Smith is a respected workshop instructor, consultant, and co-author of the best-selling book The Hand-Sculpted House. Catherine Wanek is a co-founder of Builders Without Borders and author/grapher of The Hybrid House and The New Straw Bale Home.

The original, complete, user-friendly introduction to natural building, now fully revised and updated. The popularity of natural building has grown by leaps and bounds, spurred by a grassroots desire for housing that is healthy, affordable, and environmentally responsible. While there are many books available on specific methods such as straw-bale construction, cob, or timber framing, there are few resources which introduce the reader to the entire scope of this burgeoning field. Fully revised and updated, The Art of Natural Building is the complete and user-friendly introduction to natural building for everyone from the do-it-yourselfer to architects and designers. This collection of articles from over fifty leaders in the field is now stunningly illustrated with over two-hundred full-color photographs of natural buildings from around the world. Learn about: The case for building with natural materials, from the perspectives of sustainability, lifestyle, and health. What you need to know to plan and design your own beautiful and efficient natural home. Explanations of thirty versatile materials and techniques, with resources on where to go for further information on each. How these techniques are being used to address housing crises around the world. Clearly written, logically organized, and beautifully illustrated, The Art of Natural Building is the encyclopedia of natural building. Joseph F. Kennedy is a designer, builder, writer, artist, educator, and co-founder of Builders Without Borders. Michael G. Smith is a respected workshop instructor, consultant, and co-author of the best-selling book The Hand-Sculpted House. Catherine Wanek is a co-founder of Builders Without Borders and author/grapher of The Hybrid House and The New Straw Bale Home.
Greeks considered anyone who didn't use passive solar to heat a home to be a barbarian! In the United States, passive solar architecture experienced a major resurgence of interest in the 1970s in response to crippling oil embargoes. With grand enthusiasm but with scant knowledge (and sometimes little common sense), architects and builders created a wide variety of solar homes. Some worked pretty well, but looked more like laboratories than houses. Others performed poorly, overheating in the summer because of excessive or misplaced windows and skylights, and growing chilly in the colder months because of insufficient thermal mass and insulation and poor siting. In The Solar House, Dan Chiras sets the record straight on the vast potential for passive heating and cooling. Acknowledging the good intentions of misguided solar designers in the past, he highlights certain egregious—and entirely avoidable—errors. More importantly, Chiras explains in methodical detail how today's home builders can succeed with solar designs. Now that energy efficiency measures including higher levels of insulation and multi-layered glazing have become standard, it is easier than ever before to create a comfortable and affordable passive solar house that will provide year-round comfort in any climate. Moreover, since modern building materials and airtight construction methods sometimes result in air-quality and even toxicity problems, Chiras explains state-of-the-art ventilation and filtering techniques that complement the ancient solar strategies of thermal mass and daylighting. Chiras also explains the new diagnostic aids available in printed worksheet or software formats, allowing readers to generate their own design schemes.
Greeks considered anyone who didn't use passive solar to heat a home to be a barbarian! In the United States, passive solar architecture experienced a major resurgence of interest in the 1970s in response to crippling oil embargoes. With grand enthusiasm but with scant knowledge (and sometimes little common sense), architects and builders created a wide variety of solar homes. Some worked pretty well, but looked more like laboratories than houses. Others performed poorly, overheating in the summer because of excessive or misplaced windows and skylights, and growing chilly in the colder months because of insufficient thermal mass and insulation and poor siting. In The Solar House, Dan Chiras sets the record straight on the vast potential for passive heating and cooling. Acknowledging the good intentions of misguided solar designers in the past, he highlights certain egregious—and entirely avoidable—errors. More importantly, Chiras explains in methodical detail how today's home builders can succeed with solar designs. Now that energy efficiency measures including higher levels of insulation and multi-layered glazing have become standard, it is easier than ever before to create a comfortable and affordable passive solar house that will provide year-round comfort in any climate. Moreover, since modern building materials and airtight construction methods sometimes result in air-quality and even toxicity problems, Chiras explains state-of-the-art ventilation and filtering techniques that complement the ancient solar strategies of thermal mass and daylighting. Chiras also explains the new diagnostic aids available in printed worksheet or software formats, allowing readers to generate their own design schemes.

**Self-reliant Cities** - David J. Morris - 1982
Traces the development of American cities, describes the impact of the energy crisis, and recommends technological, institutional, and financial changes

From the author of Power from the Sun, the complete guide to switching to clean, affordable, renewable energy resources. Energy bills have skyrocketed in the United States, and traditional energy sources can be as damaging to the environment as they are to your pocketbook. The Homeowner’s Guide to Renewable Energy will show you how to slash your home energy costs while dramatically reducing your carbon footprint. Completely revised and updated, this new edition describes the most practical and affordable methods for significantly improving in-home energy efficiency and tapping into clean, affordable, renewable energy resources. If implemented, these measures will save the average homeowner tens of thousands of dollars over the coming decades. Focusing on the latest technological advances in residential renewable energy, this guide examines each alternative energy option available including: • Solar hot water and solar hot air systems • Passive and active solar retrofits for heating and cooling • Electricity from solar, wind, and microhydro • Hydrogen, fuel cells, methane digesters, and biodiesel This well-illustrated and accessible guide is an essential resource for those wanting to enter the renewable energy field. Packed with practical tips and guidelines, it gives readers sufficient knowledge to hire and communicate effectively with contractors and is a must-read for anyone interested in saving money and achieving energy independence. “If you’re thinking about investing in a renewable energy system for your home . . . The Homeowner’s Guide to Renewable Resources helps clarify the decision-making process . . . Dan guides you through everything you need to choose which renewable options to integrate into your lifestyle. A great addition to my bookshelf!” —Mick Sagrillo, Sagrillo Power & Light

From the author of Power from the Sun, the complete guide to switching to clean, affordable, renewable energy resources. Energy bills have skyrocketed in the United States, and traditional energy sources can be as damaging to the environment as they are to your pocketbook. The
on a person’s status, and most information is available on the upper crust
home energy costs while dramatically reducing your carbon footprint.
Completely revised and updated, this new edition describes the most
practical and affordable methods for significantly improving in-home energy
efficiency and tapping into clean, affordable, renewable energy resources. If
implemented, these measures will save the average homeowner tens of
thousands of dollars over the coming decades. Focusing on the latest
technological advances in residential renewable energy, this guide examines
each alternative energy option available including: · Solar hot water and
solar hot air systems · Passive and active solar retrofits for heating and
cooling · Electricity from solar, wind, and microhydro · Hydrogen, fuel cells,
methane digesters, and biodiesel This well-illustrated and accessible guide
is an essential resource for those wanting to enter the renewable energy
field. Packed with practical tips and guidelines, it gives readers sufficient
knowledge to hire and communicate effectively with contractors and is a
must-read for anyone interested in saving money and achieving energy
independence. “If you’re thinking about investing in a renewable energy
system for your home . . . The Homeowner’s Guide to Renewable Resources
helps clarify the decision-making process . . . . Dan guides you through
everything you need to choose which renewable options to integrate into
your lifestyle. A great addition to my bookshelf!” —Mick Sagrillo, Sagrillo
Power & Light

Food in Medieval Times - Melitta Weiss Adamson - 2004
New light is shed on everyday life in the Middle Ages in Great Britain and
continental Europe through this unique survey of its food culture. Students
and other readers will learn about the common foodstuffs available, how
and what they cooked, ate, and drank, what the regional cuisines were like,
how the different classes entertained and celebrated, and what restrictions
they followed for health and faith reasons. Fascinating information is
provided, such as on imitation food, kitchen humor, and medical ideas.
Many period recipes and quotations flesh out the narrative. The book draws
on a variety of period sources, including as literature, account books,
cookbooks, religious texts, archaeology, and art. Food was a status symbol
then, and sumptuary laws defined what a person of a certain class could eat-
the ingredients and preparation of a dish and how it was eaten depended
rather than the masses. Equalizing factors might have been religious
strictures and such diseases as the bubonic plague, all of which are detailed
here.

Universal Design Handbook, 2E - Wolfgang Preiser - 2010-10-11
The Latest Advances in Universal Design Thoroughly updated and packed
with examples of global standards and design solutions, Universal Design
Handbook, Second Edition, covers the full scope of universal design,
discussing how to develop media, products, buildings, and infrastructure for
the widest range of human needs, preferences, and functioning. This
pioneering work brings together a rich variety of expertise from around the
world to discuss the extraordinary growth and changes in the universal
design movement. The book provides an overview of universal design
premises and perspectives, and performance-based design criteria and
guidelines. Public and private spaces, products, and technologies are
covered, and current and emerging research and teaching are explored.
This unique resource includes analyses of historical and contemporary
The latest costs of operating gas, oil, and electric heating systems have encouraged many people to switch to wood for heating purposes. But conventional wood stoves have many problems - you are either too hot or too cold, you have to constantly be adding wood, they are dirty and cause air pollution, and there is the ever-present danger of burning the house down. The Sunstone Superstove takes its name from the fact that the stone battery is heated indirectly from the sun. Wood is actually stored solar heat - the tree takes its energy from the sun, stores it in wood and, as the wood is burned, it passes the stored energy to the stones, where it sits like an investment - a wealth of heat ready to be drawn off on an as-needed basis. John Lago has included easy step-by-step instructions with numerous illustrations to help you build your own Sunstone Superstove from scratch, using inexpensive, readily available materials.
burned, it passes the stored energy to the stones, where it sits like an investment - a wealth of heat ready to be drawn off on an as-needed basis. John Lago has included easy step-by-step instructions with numerous illustrations to help you build your own Sunstone Superstove from scratch, using inexpensive, readily available materials.

The Built Environment - Wendy R. McClure - 2011-09-09
This book takes a sweeping view of the ways we build things, beginning at the scale of products and interiors, to that of regions and global systems. In doing so, it answers questions on how we effect and are affected by our environment and explores how components of what we make—from products, buildings, and cities—are interrelated, and why designers and planners must consider these connections.

Cities for Smart Environmental and Energy Futures - Stamatina Th. Rassia - 2013-08-15
Cities for Smart Environmental and Energy Futures presents works written by eminent international experts from a variety of disciplines including architecture, engineering and related fields. Due to the ever-increasing focus on sustainable technologies, alternative energy sources, and global social and urban issues, interest in the energy systems for cities of the future has grown in a wealth of disciplines. Some of the special features of this book include new findings on the city of the future from the macro to the micro level. These range from urban sustainability to indoor urbanism, and from strategies for cities and global climate change to material properties. The book is intended for graduate students and researchers active in architecture, engineering, the social and computational sciences, building physics and related fields.

Recycling Projects for the Evil Genius - Russel Gehrke - 2010-08-05
Have some thoroughly green evil fun! This wickedly inventive guide explains how to create a variety of practical, environmentally friendly items you can use for yourself or resell for profit. Recycling Projects for the Evil Genius is filled with detailed directions on how to successfully complete each green project and discusses important safety issues. Using easy-to-find components and tools, this do-it-yourself book shows you how to brew up green cleaners, transform all types of paper into building materials, safety rid your home and yard of pests, and much more—all on the cheap! Recycling Projects for the Evil Genius: Features step-by-step instructions and helpful illustrations Covers essential safety measures Reveals the scientific principles behind the projects Removes the frustration factor—all required parts are listed, along with sources Make your own green: Household cleaners Laundry soap Citrus oil extract Pest and weed control solutions Recycled plastic lumber and landscape blocks Recycled asphalt shingle paver bricks and road patch compound Concrete paper mache blocks, garden walls, stepping stones, and structures Solar-powered composter Garden-friendly charcoal And more Each fun, inexpensive, and slightly wicked Evil Genius project includes a detailed list of materials,
Recycling Projects for the Evil Genius - Russel Gehrke - 2010-08-05
Have some thoroughly green evil fun! This wickedly inventive guide explains how to create a variety of practical, environmentally friendly items you can use for yourself or resell for profit. Recycling Projects for the Evil Genius is filled with detailed directions on how to successfully complete each green project and discusses important safety issues. Using easy-to-find components and tools, this do-it-yourself book shows you how to brew up green cleaners, transform all types of paper into building materials, safety rid your home and yard of pests, and much more—all on the cheap! Recycling Projects for the Evil Genius: Features step-by-step instructions and helpful illustrations Covers essential safety measures Reveals the scientific principles behind the projects Removes the frustration factor—all required parts are listed, along with sources Make your own green: Household cleaners Laundry soap Citrus oil extract Pest and weed control solutions Recycled plastic lumber and landscape blocks Recycled asphalt shingle paver bricks and road patch compound Concrete paper mache blocks, garden walls, stepping stones, and structures Solar-powered composter Garden-friendly charcoal And more Each fun, inexpensive, and slightly wicked Evil Genius project includes a detailed list of materials, sources for parts, schematics, and lots of clear, well-illustrated instructions for easy assembly. The larger workbook-style layout and convenient two-column format make following the step-by-step instructions a breeze.

Earth-Sheltered Houses - Rob Roy - 2006-04-03
The only how-to manual on the subject directed to mainstream owner-builders An earth-sheltered, earth-roofed home has the least impact upon the land of all housing styles, leaving almost zero footprint on the planet. Earth-Sheltered Houses is a practical guide for those who want to build their own underground home at moderate cost. It describes the benefits of sheltering a home with earth, including the added comfort and energy efficiency from the moderating influence of the earth on the home's temperature-keeping it warm in the winter and cool in the summer-low maintenance, and the protection against fire, sound, earthquake and storm afforded by the earth. Extra benefits from adding an earth or other living roof option include greater longevity of the roof substrate, fine aesthetics, and environmental harmony. The book covers all of the various construction techniques involved including details on planning, excavation, footings, floor, walls, framing, roofing, waterproofing, insulation and drainage. Specific methods appropriate for the inexperienced owner-builder are a particular focus and include: pouring one's own footings and/or floor the use of dry-stacked (surface-bonded) concrete block walls post-and-beam framing plank-and-beam roofing, and drainage methods and self-adhesive waterproofing membranes. The time-tested, easy-to-learn construction techniques described in Earth-Sheltered Houses will enable readers to embark upon their own building projects with confidence, backed up by a comprehensive resources section that lists all the latest products such as waterproofing membranes, types of rigid insulation and drainage products that will protect the building against water damage and heat loss.
the-of-masonry-stoves-rediscovering-an-old-way-of-warming

Wealth And Poverty Of Nations - David S. Landes - 2015-04-20
The history of nations is a history of haves and have-nots, and as we approach the millennium, the gap between rich and poor countries is widening. In this engrossing and important new work, eminent historian David Landes explores the complex, fascinating and often startling causes of the wealth and poverty of nations. The answers are found not only in the large forces at work in economies: geography, religion, the broad swings of politics, but also in the small surprising details. In Europe, the invention of spectacles doubled the working life of skilled craftsmen, and played a prominent role in the creation of articulated machines, and in China, the failure to adopt the clock fundamentally hindered economic development. The relief of poverty is vital to the survival of us all. As David Landes brilliantly shows, the key to future success lies in understanding the lessons the past has to teach us - lessons uniquely imparted in this groundbreaking and vital book which exemplifies narrative history at its best.

Wealth And Poverty Of Nations - David S. Landes - 2015-04-20
The history of nations is a history of haves and have-nots, and as we approach the millennium, the gap between rich and poor countries is widening. In this engrossing and important new work, eminent historian David Landes explores the complex, fascinating and often startling causes of the wealth and poverty of nations. The answers are found not only in the large forces at work in economies: geography, religion, the broad swings of politics, but also in the small surprising details. In Europe, the invention of spectacles doubled the working life of skilled craftsmen, and played a prominent role in the creation of articulated machines, and in China, the failure to adopt the clock fundamentally hindered economic development. The relief of poverty is vital to the survival of us all. As David Landes brilliantly shows, the key to future success lies in understanding the lessons the past has to teach us - lessons uniquely imparted in this groundbreaking and vital book which exemplifies narrative history at its best.

The Design of Design - Frederick P. Brooks Jr. - 2010-03-22
Making Sense of Design Effective design is at the heart of everything from software development to engineering to architecture. But what do we really know about the design process? What leads to effective, elegant designs? The Design of Design addresses these questions. These new essays by Fred Brooks contain extraordinary insights for designers in every discipline. Brooks pinpoints constants inherent in all design projects and uncovers processes and patterns likely to lead to excellence. Drawing on conversations with dozens of exceptional designers, as well as his own experiences in several design domains, Brooks observes that bold design decisions lead to better outcomes. The author tracks the evolution of the design process, treats collaborative and distributed design, and illuminates what makes a truly great designer. He examines the nuts and bolts of design processes, including budget constraints of many kinds, aesthetics, design empiricism, and tools, and grounds this discussion in his own real-world examples—case studies ranging from home construction to IBM’s Operating System/360. Throughout, Brooks reveals keys to success that every designer, design project manager, and design researcher should know.
design empiricism, and tools, and grounds this discussion in his own real-world examples—case studies ranging from home construction to IBM’s Operating System/360. Throughout, Brooks reveals keys to success that every designer, design project manager, and design researcher should know.