

## Rocket Mass Heaters

***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 Earthen 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.***

***Here is a revolutionary approach for heating rooms and generating hot water. Author Gaelan Brown has worked with engineers and compost scientists to refine methods of composting that can heat greenhouses, barns, buildings, and hot water, all without combustion. It seems almost too good to be true: make high-value organic compost while generating reliable combustion-free heat. But it works, and this book is your practical introduction. With detailed case studies of large scale engineered systems and plans for constructing small DIY systems, you'll find step-by-step illustrations and photos to guide you through the process. A review of calculations to help you estimate the heating capabilities of various approaches and other planning tools make this book invaluable for compost heat recovery on any scale. Discusses the energy efficiency of masonry stoves and supplies complete instructions for the construction and operation of a variety of styles of masonry stoves***

***A companion guide to the manuals about how to build a rocket mass heater. This book gives tips, lessons and resources acquired from an actual heater build. More of a "How we..." rather than a "How to..." type of book the reader will see dozens of photos, get links to blogs, forums, manuals, etc.***

***Carrots Love Tomatoes***

***A Modern Approach to an Ancient Practice***

### ***Masonry Heaters***

### ***Getting (More of) What You Want***

### ***Tiny House Decisions***

### ***Rocket Propulsion Elements***

### ***The Permaculture Student 2***

The devil is in the details-the science and art of designing and building durable, efficient, straw bale buildings Straw bale buildings promise superior insulation and flexibility across a range of design aesthetics, while using a typically local and abundant low-embodied energy material that sequesters carbon-an important part of mitigating climate change. However, some early straw bale designs and construction methods resulted in buildings that failed to meet design goals for energy efficiency and durability. This led to improved building practices and a deeper understanding of the building science underlying this building system. Distilling two decades of site-built straw bale design and construction experience, Straw Bale Building Details is an illustrated guide that covers: Principles and process of straw bale design and building, options, and alternatives Building science of straw bale wall systems How design impacts cost, building efficiency, and durability Avoiding costly mistakes and increasing construction efficiency Dozens of time-tested detailed drawings for straw bale wall assemblies, including foundations, windows and doors, and roofs. Whether you're an architect, engineer, contractor, or owner-builder interested in making informed choices, Straw Bale Building Details is the indispensable guide to current practice in straw bale design and construction.

The right materials produce the best results and in this booklet we talk about the pros and cons of some of the most often used materials to build the burn chambers for rocket mass heaters. We look at the most basic/primitive type using brick and move forward to some high tech burn chambers that have some nifty little tricks up their sleeves of optimal efficiency. Links to videos, websites, dvd's and other instructional information are all provided along the way.

Cob, a structural composite of earth, water, straw, clay, and sand, has been used for centuries, in virtually all parts of the world, to create homes ranging from mud huts in Africa to lavish adobe haciendas in Latin America. This practical and inspiring hands-on guide teaches anyone to build a cob dwelling.

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>

Burn Chambers for Rocket Mass Heaters

A Five-Step Process to Design and Develop Land

The Compost-Powered Water Heater: How to heat your greenhouse, pool, or buildings with only compost!

Build Your Own Super Efficient Wood Cook Stove

Principles of Ecological Design

### Lessons from Our Rocket Mass Heater

#### A Philosophical and Practical Guide to Building a Cob Cottage

Building a tiny house can be time-consuming, expensive, and overwhelming... but it doesn't have to be. *Tiny House Decisions* is the place to start. You've taken the journey from tiny house dreamer to future tiny house dweller. You know that the tiny house lifestyle is for you. If you could move in tomorrow, you'd do it in a heartbeat. But as you start to wrap your head around the thousands of choices you'll need to make as you build your house (or work with a builder), you can feel the overwhelm creeping in. You might be struggling with the following questions: Can I actually do this myself? What if I get told I have to move my house? Figuring out which building system to go with: Framing? SIPs? Metal Framing? What kind of tiny house trailer to use? Can I actually do this for the limited amount of money I have saved? You've watched plenty of tiny house tours on YouTube. You've found books on framing your house, doing your own electrical wiring, and even the legality of living in a tiny house.. What you haven't found is the guide that brings it all together and takes you start to finish, through the process of researching, planning, building, and finally living in your tiny house.

Through ten editions, Fox and McDonald's *Introduction to Fluid Mechanics* has helped students understand the physical concepts, basic principles, and analysis methods of fluid mechanics. This market-leading textbook provides a balanced, systematic approach to mastering critical concepts with the proven Fox-McDonald solution methodology. In-depth yet accessible chapters present governing equations, clearly state assumptions, and relate mathematical results to corresponding physical behavior. Emphasis is placed on the use of control volumes to support a practical, theoretically-inclusive problem-solving approach to the subject. Each comprehensive chapter includes numerous, easy-to-follow examples that illustrate good solution technique and explain challenging points. A broad range of carefully selected topics describe how to apply the governing equations to various problems, and explain physical concepts to enable students to model real-world fluid flow situations. Topics include flow measurement, dimensional analysis and similitude, flow in pipes, ducts, and open channels, fluid machinery, and more. To enhance student learning, the book incorporates numerous pedagogical features including chapter summaries and learning objectives, end-of-chapter problems, useful equations, and design and open-ended problems that encourage students to apply fluid mechanics principles to the design of devices and systems.

Comprehensive coverage of passive solar greenhouse design including material selection, building methods and how to store thermal energy using a variety of simple and innovative strategies. Over a dozen case studies provide real-life inspiration, capped off with how-to guidance for building a durable, energy-efficient greenhouse. Variations include underground and aquaponic greenhouses and integrating solar panels to grow off-grid, year-

round.

“Shows us how to garden like our ancestors gardened . . . with just four basic hand tools, and with little or no electricity or irrigation.” —Carol Deppe, author of *The Resilient Gardener* In hard times, the family can be greatly helped by growing a highly productive food garden, requiring little cash outlay or watering. This book shows that any family with access to 3-5,000 sq. ft. of garden land can halve their food costs using a growing system requiring just the odd bucketful of household wastewater, perhaps two hundred dollars’ worth of hand tools. *Gardening When It Counts* helps readers rediscover traditional low-input gardening methods to produce healthy food. Currently popular intensive vegetable gardening methods are largely inappropriate to the new circumstances we find ourselves in. Crowded raised beds require high inputs of water, fertility and organic matter, and demand large amounts of human time and effort. Prior to the 1970s, North American home food growing used more land with less labor, with wider plant spacing, with less or no irrigation, and all done with sharp hand tools. But these sustainable systems have been largely forgotten. Designed for readers with no experience and applicable to most areas in the English-speaking world except the tropics and hot deserts, *Gardening When It Counts* is inspiring increasing numbers of North Americans to achieve some measure of backyard food self-sufficiency. “Delightfully informative and abundantly rich with humor and grandfatherly wisdom. A must-read for anyone wanting a feast off the land of their own making.” —Elaine Smitha, host of the “Evolving Ideas” cable talk show and author of *If You Make the Rules, How Come You’re Not Boss?*

Build Your Own Earth Oven

The Beautiful Way

How to Design and Build a Net-Zero Energy Greenhouse

Biourban Acupuncture. Treasure Hill of Taipei to Artena

Earthbag Building

The Earth-sheltered Solar Greenhouse Book

Batch Rocket Mass Heater Plans and Builder's Guide

***A rigorous and thorough analysis of the production of air pollutants and their control, this text is geared toward chemical and environmental engineering students. Topics include combustion, principles of aerosol behavior, theories of the removal of particulate and gaseous pollutants from effluent streams, and air pollution control strategies. 1988 edition. Reprint of the Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1988 edition.***

***Down and dirty – a complete step-by-step guide to making, installing and living with beautiful, all-natural earthen floors For most of human history, people have lived in durable, comfortable buildings made from natural materials such as soil, sand, rocks and fiber. All over the globe, these ancient***

*traditions persist; a quarter to a third of the world's population today lives in houses built partially or entirely of earth. Conventional Western building techniques using industrial materials may save time and create efficiencies, but these perceived savings come at considerable financial and environmental cost. As well as boasting a unique and beautiful aesthetic, natural building techniques are accessible, affordable and nontoxic. Earthen Floors: A Modern Approach to an Ancient Practice is the first comprehensive, fully illustrated manual covering the history, use and maintenance of this attractive, practical flooring option. This detailed, fully-illustrated guide explains every part of the process, including: Sourcing and harvesting materials Preparing the subfloor Pouring, finishing and sealing the floor Living with and maintaining your earthen floor. Because information on creating quality earthen floors was not previously widely available, there have been some negative experiences. Drawing on the combined knowledge of the most qualified earthen floor practitioners, as well their own substantial experience, the authors deliver the definitive resource for this exciting technique, perfect for everyone from the novice to veteran builder.*

*Representing & collaborating with dozens of experts & organizations from around the world, Matt Powers' latest installment in his series of curriculum takes permaculture to a new level & organizes all regenerative techniques & methodologies into one clear, understandable system that also serves as a path to deeper study. The Permaculture Student 2 - Why is it better than what's available? New Research & Collaboration Up-to-date - the last time a book covered anything close to this breadth was 1989 (Permaculture: A Designer's Manual) & the advancements in science have been incredible in the last 28 years - this book reflects those new insights, research, and examples Over 20 expert reviewers and editors: Dr. Elaine Ingham, Darren Doherty, Peter McCoy, Joel Salatin, John D. Liu, Dr. Willie Smits, Geoff Lawton, Larry Korn, & more Fully annotated with references to guide and direct further studies The Permaculture Student 2 covers more material than other books and part: Soil in-depth with Dr. Elaine Ingham, Fungi cultivation and partnerships, Keyline Design, Transportation, Urban Permaculture, Large-Scale Land & Ocean Restoration, Non-Violent Communication, Holacracy, Carbon Sequestration, & much, much more Written by an experienced professional educator, gardening expert, and curriculum expert Written for a High School Setting - Easy to Understand & Read Aligns & transcends state and national science standards as a full-year science elective in both a high school and college setting Holistic yet Iterative- Understand Permaculture like never before: retain information in an organized format designed for better retention Unifying all regenerative practices into one organized system Designed to change the world by teaching young adults permaculture while still in high school and college, The Permaculture Student 2, is a book for everyone - for a brighter future for all. This book is full of photographs of real-life examples, instructive diagrams, engaging illustrations, inspiring and instructive quotes, and current references that connect, organize, and highlight the current*

*leading examples of applied permaculture in numerous fields and situations. Readers get a clear idea of how they can apply permaculture in their own way in their own lives. This book is designed for both hemispheres, both imperial and metric, all climates, and all peoples. It is for a regenerative, abundant, and hopeful future.*

*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 A Low-Cost, Wood-Fired Mud Oven, Simple Sourdough Bread, Perfect Loaves A Guide for Making a Versatile, Efficient, and Easy to Use Wood-fired Oven Straw Bale Building Details*

*Cook with What You Have*

*Handmade Hot Water Systems*

*Building Your Permaculture Property*

*Earthen Floors*

**Dairy Farming: The Beautiful Way** is a detailed how-to guide for establishing and managing a small-scale organic dairy. Covering the topics of infrastructure requirements, cattle management, milking equipment and techniques, cow selection, and business logistics, this comprehensive text covers all the information needed to successfully operate a profitable small dairy farm. As small farms experience a resurgence across the country, and consumers increase demand for nutrient-dense raw milk, there is a great opportunity for modern dairy

farmers. Cows are uniquely suited to the efficient conversion of simple pasture plants into nutritious raw milk. The holistic management of dairy cows results in a farm model that benefits farm families, consumers, the environment, and the cows themselves. Each of these components are considered and discussed in detail, with every detail explained in clear and concise writing. The information in *Dairy Farming: The Beautiful Way* is drawn from the author's experience over the past decade running his own raw milk dairy at Bella Farm, in Western Colorado. It is designed to assist future dairy farmers to confidently make the transition to a holistic model of dairy management. Equally useful for startup farmers, and established multi-generation family farms, the model of grass-fed cattle efficiently producing top-quality raw milk is a proven formula for small-farm profitability. Two top business professors offer up the only negotiation book you'll ever need *Do you know what you want? How can you make sure you get it? Or rather, how can you convince others to give it to you?* Almost every interaction involves negotiation, yet we often miss the cues that would allow us to make the most of these exchanges. In *Getting (More of) What You Want*, Margaret Neale and Thomas Lys draw on the latest advances in psychology and behavioral economics to provide new strategies for negotiation that take into account people's irrational biases as well as their rational behaviors. Whether you're shopping for a car, lobbying for a raise, or simply haggling over who takes out the trash, *Getting (More of) What You Want* shows how negotiations regularly leave significant value on the table-and how you can claim it.

Simple, easy to read plans allow you to build your own super efficient batch rocket mass heater. Easy to cut and work with, ceramic fiber board allows easy, quick construction of the highest performance 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 masonry heater for the center of your home to provide a lifetime of heating, cooking, and memories.

While heat from sunlight and ventilation from breezes is free for the taking, few modern architects or builders really understand the principles involved. Yet "natural conditioning" -- heating and cooling with passive solar techniques -- is a viable alternative to fossil fuels. Acknowledging the good intentions of misguided solar designers in the past, the author highlights certain egregious errors and shows how to avoid them. The author shows how to select a cost-effective, energy-efficient, and environmentally friendly backup heating system; how to preserve indoor air quality in an airtight, energy-efficient home; and ways of employing green building materials in a naturally conditioned home.

**The New Strawbale Home**

**Roundwood Timber Framing**

**Restoring Endangered Landscapes Using Water Management, Including Lake and Pond Construction**

**The Log Book**

**Integrating Technology, Economics, and Ecology**

**The Year-Round Solar Greenhouse**

**The Tools, Tricks and Techniques**

Plant parsley and asparagus together and you'll have more of each, but keep broccoli and tomato plants far apart if you want them to thrive. Utilize the natural properties of plants to nourish the soil, repel pests, and secure a greater harvest. With plenty of insightful advice and suggestions for planting schemes, Louise Riotte will inspire you to turn your garden into a naturally nurturing ecosystem.

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.

Explains how to build a superefficient wood fired heater in a weekend for less than a hundred dollars and how to use it in a range of applications. The authors discuss materials, where to find them, what to pay, and how to make use of found and recycled parts. This book also includes success stories, case studies, references, and where to find further information.

This publication is intended to help plan a successful installation of a wood-burning heating system and to use the system in the most safe and effective way. Topics covered include: low-emission wood burning technology; wood heating options, including space heaters, wood stoves, conventional and high-efficiency fireplaces, pellet stoves, high thermal mass masonry heaters, and central heating; planning a space heater installation; installation safety; installation of wood stoves and flue pipes; chimneys; avoiding wood smoke spillage; efficient wood combustion; purchasing and preparing the wood supply; calculating costs of heating; and heating system maintenance.

Desert Or Paradise

Fundamentals of Air Pollution Engineering

A Collection of Regenerative Solutions

Growing Food in Hard Times

Ken Kern's Masonry Stove

Superefficient Woodstoves You Can Build

An Introduction to the Engineering of Rockets

Rocket Mass HeatersSuperefficient Woodstoves You Can BuildRocket Mass HeatersSuperefficient Woodstoves You Can Build

## Online Library Rocket Mass Heaters

Build your own Ceramic Fiber Core for a super efficient wood stove, cook stove, masonry heater, sauna, etc. using these simple cut plans. Watch the video for more info: <https://youtu.be/b79tJKANvtY>

INTRODUCTORY SALE! \$10 through July 14, 2019. This valuable guide to the science and art of home cooking starts with one woman's kitchen experience and simply removes the mystery from practical cooking. In addition to good eating, you'll soon see how to decide: "Is it safe? What can I use instead?" "Can I make this? It sounds hard." and a hundred other questions you will love leaving behind.

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 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 your home. 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 than the home both gently and efficiently. In fact, the value of a masonry heater lies in its durability, quality, serviceability, dependability, and health features. And it is an investment in self-sufficiency and freedom from fossil fuels. The book discusses different masonry heater designs, 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 looking to open fireplaces and metal woodstoves, Masonry Heaters will bring a new understanding and appreciation of massive heat storage and gentle radiant heat. Masonry heaters offer a unique comfort that is superior to that from convection heat from forced-air systems, and more than is offered by "radiant" floors. As Matesz demonstrates, the heat from the sun or from a masonry heater is genuine heat instead of just insulation with a loss of heat. Those who are looking to build, add onto, or remodel a house will find comprehensive and practical advice for designing and building a masonry heater, including detailed discussion of materials, code considerations, and many photos and illustrations. While this is not a do-it-yourself book for building a masonry heater, it provides facts every heater builder should know. Professional contractors will find this a useful tool to use, and homeowners considering a new method of home heating will find all they need to know about masonry heaters within these pages.

The Solar House

Getting the Best from Your Woodburning Stove

Dairy Farming

Rocket Mass Heaters

Rocket Stove Ceramic Fiber Core Plans

The Rocket Mass Heater Builder's Guide

An Illustrated Guide for Design and Construction

Sepp Holzer farms steep mountainsides in Austria 5,000 feet above sea level. His farm is an intricate network of terraces, raised beds, ponds, and waterways, well covered with productive fruit trees and other vegetation, in dramatic contrast to his neighbors' sterile monocultures. Fans of Sepp Holzer have come from all over the world to see the productivity of his farm, a veritable permaculture. His first book, Sepp Holzer's Permaculture, offers a detailed guide to what Holzer has achieved on his farm. Many readers might have wondered-but how can we achieve this on a global scale? Luckily, his newest book, Desert or Paradise, examines Holzer's core philosophy for increasing food production, earth health, and reconnecting mankind with nature, applied to reforestation and water conservation around the world. Through years of consultation with other countries, Holzer has developed a core philosophy for reconnecting mankind with nature even in arid or otherwise "lost-cause" regions. He details a process he calls "Grundierung," a term from painting meaning

coat," which goes into great detail the importance of water, and Desert or Paradise offers his concept and guide to constructing water reservoirs in arid, rainfall-dependent regions with examples from Greece, Turkey, Spain, and Portugal. Holzer describes the ecological and economic benefits of these changes, as well as the use of a variety of plant and animal species for further interregeneration of the surrounding areas, including reasons for reforestation and the cause and use of forest fires. Holzer also outlines points of sustainable self-reliance and how these methods can help feed the world, such as the need to regulate the water brought by factory livestock farming, bring more fallow or unused areas into production, enlarge crop areas by using terracing and Holzer's raised beds, regionalize instead of globalize, fight for land reform and engage in community building, go back to the ancient farming ways, and change the educational system. Also included are Holzer's ideas on beekeeping, humane slaughtering, nature spirits, the loss of community in general, and in politics especially.

The best person to design the property of your dreams is you. This book gives you the tools to succeed. Building Your Permaculture Property offers a revolutionary holistic method to overcome overwhelm in the complex process of resilient land design. It distills the authors' decades of experience as engineers, farmers, educators, and consultants into a five-step process complete with principles, templates, and workflow tools to help you: Clarify your vision, values, and resources Diagnose your land and resources for strengths, weaknesses, opportunities, and threats Design your land and resources to meet your vision and values Implement the right design to enhance your strengths and improve your weakest resource Establish benchmarks to monitor the sustainability and success of your development. When designing a regenerative permaculture property, too many land stewards suffer from option paralysis, a lack of an integrated holistic design, fruitless trial-and-error attempts, wasted money, and the frustration that results from too much information with no context. Building Your Permaculture Property is the essential guide for everyone looking to cut through the noise and establish an ecologically regenerative, financially sustainable, enjoyable, and thriving permaculture property, anywhere in the world.

The Earth-Sheltered Solar Greenhouse Book is the first to promote the benefits of both passive solar energy and earth sheltered greenhouse design. This combination results in greenhouses which need no additional heating. The captured sun's energy and stored in the earth is enough for successful year round harvest. It takes you step by step through the construction of an inexpensive greenhouse which may be built with either newly purchased or salvaged building materials for pennies on the dollar. It explains the author's unique Post/Shoring/Polyethylene construction methods and design techniques. The Earth-Sheltered Solar Greenhouse is 230 pages with nearly 200 illustrations, photos, diagrams, lists, charts and drawings. It contains all the information you need to avoid the pesticide, herbicide, fungicide, waxed, and E-coli laden, genetically modified and irradiated supermarket produce.

M. Casagrande offers a therapy for the sickness of our cities, a path to achieve what he calls the Third Generation City, where the reality produced by nature, and nature forces take the initiative, affecting the design of industrial society, and becoming organic. Casagrande's "biourban acupuncture" revives the traditional Chinese medicine practice on city scale, in order to trigger purifying and healing processes in the urban organism.

A Comprehensive Guide to Planning Your Tiny House

The Book of Masonry Stoves

Build Your Own Super Efficient Masonry Heater

Secrets of Companion Planting for Successful Gardening

Building Naturally Using Local Resources

A Guide to Residential Wood Heating

The Hand-sculpted House

The twenty-first-century woodsman discusses his unique sustainable building style which combines the timber framing methods of his British ancestors with new techniques and an environmental consciousness.

Presents floor plans and images of strawbale homes from around the country, discussing such topics as climate considerations, maintenance, budgeting, code compliance, energy efficiency, and structural systems.

Walker Tiny Masonry Cook Stove Plans

The Pluses and Minuses of Various Types of Burn Chambers

Build Your Own Barrel Oven

How to Build an Energy-free Year-round Greenhouse

Complete Step-by-Step Construction, Maintenance and Troubleshooting

Designing, Building, and Living with a Piece of the Sun

Rediscovering an Old Way of Warming