

59709 The Green Studio Handbook: Environmental Strategies for Schematic Design



Alison Kwok & Walter Grondzik/Architectural Press/November 2006/378pages/
Paperback **£39.99**

This extensive and user-friendly handbook, recently long listed for the **RIBA International Book Award 2007**, presents practical guidelines for applying environmental strategies during the schematic design of green buildings.

For each strategy, the book provides: brief descriptions of principles and concepts, step-by-step approaches for integrating technologies into the early stages of design, annotated tables and charts to assist with preliminary design sizing, key issues to be aware of when implementing a given strategy, and references to the most recent international standards and rating systems, guidelines, and internet resources.

37315 Roof Cooling Techniques: A Design Handbook



Simo Yannas/Earthscan/April 2006/
Paperback **£35.00**

Natural heating and cooling of buildings helps to improve energy efficiency in the built environment. This book, short listed for last year's **RIBA International Book Awards**, considers the principles of roof design and specific systems and cooling techniques.

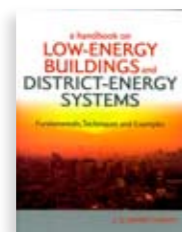
57081 Ten Shades of Green: Architecture and the Natural World



Peter Buchanan/W.W.Norton /February 2006/128pages/Paperback..... **£16.99**

In this informative book, long listed for the **RIBA International Book Award 2007**, Buchanan uses ten buildings that combine environmental responsibility and design excellence to argue that sustainability is not just good for the planet but offers architects new opportunities for creativity and innovation. Through a range of building types, he demonstrates that increased awareness of a building's setting combined with advances in technology create unlimited opportunities for responsive design.

57901 A Handbook on Low-Energy Buildings and District-Energy Systems



Danny Harvey/Earthscan/August 2006/512pages/Hardback..... **£150.00**

Bringing together a wealth of information on energy use and energy efficiency in buildings at a level which can be easily digested and applied, Danny Harvey offers a comprehensive, objective and critical sourcebook on low-energy buildings.

03675 The Rough Guide to Sustainability



Brian Edwards/RIBA Publishing/August 2006/208pages/Paperback..... **£19.95**

This comprehensively updated and expanded new second edition of the no-nonsense student and practice primer by Brian Edwards, equips the contemporary architect to deal with the profession's most important challenge: designing buildings for sustainability.

The **second** edition includes completely new material on vernacular buildings, offices, schools and housing, a useful history of green architecture, education and a guide to the international conventions and agreements, including those from the World Summit on Sustainable Development in Johannesburg. Redesignated and illustrated throughout, **Rough Guide to Sustainability** will appeal to design and build environment students and professional.

59296 Applied Photovoltaics



Stuart Wenham, Martin Green, Muriel Watt & Richard Corkish/Earthscan/January 2007/323pages/Paperback **£19.99**

Applied Photovoltaics is a thoroughly considered textbook that is brimming with information. Along with exercises and recommended further reading at the end of each chapter, the book features a set of detailed technical appendices that provide essential equations, data sources and standards. The book includes an abundance of diagrams and illustrations, and will provide the reader with all the information needed to work with photovoltaics.

23016 BR 390: The Green Guide to Housing Specification



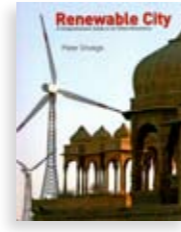
J. Anderson & N. Howard/IHS BRE Press/ 2000/48pages/Paperback..... **£40.00**

Typical wall, roof, floor and other constructions are listed here against a simple environmental rating scale from A (good) to C (poor). Twelve environmental impacts are individually scored, together with a Summary Rating, information on recycling and typical costs.

The ratings enable you to select materials and components on their overall environmental performance over the building's life. Because ratings are also given for individual environmental issues such as climate change, you can either specify on the basis of personal or organisational preferences and priorities, or take specification decisions based on the performance of a material.

Planning and Urban Design

58519 Renewable City: A Comprehensive Guide to an Urban Revolution



Peter Droege/John Wiley/January 2007/309pages/Spiralbound paperback **£26.99**

This is an original guide to an entirely unprecedented urban transformation, to cities and towns powered by renewable energy. Squarely focused on action, it supports design, planning and management decisions and serves as a practical guide to practitioners, academics and political leaders in communities and cities worldwide. It is built on the most successful of past and present urban sustainability trends and emerging infrastructure directions, presenting renewable energy applications as offering new and inevitable approaches to urban infrastructure planning and the design of cities.

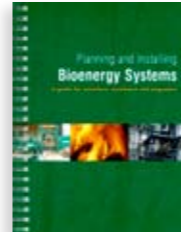
4516 Energy Efficient Architecture: Basics for Planning And Construction



Roberto Gonzalo & Karl Habermann/ Birkhauser May 2006/224pages/ Hardback **£59.90**

Energy Efficient Architecture uses the latest built examples and technological advances to systematically explain the design and construction of sustainable architecture. The book is split into sections dealing in turn with energy-efficient urban design, building design and detail design. **Energy Efficient Architecture** is a thorough introduction to sustainable architecture and an indispensable book for all who face the challenge of planning an integrated, energy-efficient building.

55538 Planning and Installing Bioenergy Systems: a Guide for Installers, Architects and Engineers



German Solar Energy Society and Ecofys/ Earthscan/January 2006/232pages/ Paperback..... **£75.00**

Bioenergy is relied upon worldwide as a modern solution for local energy supply and waste management. Including clear technical details, data tables and illustrative pictures explaining the fundamentals of different bioenergy projects, this guide reviews the main technologies and offers relevant best-practice examples.

55717 Design For Life: The Architecture of Sim Van Der Ryn



Sim van der Ryn/Gibbs Smith/February 2006/184pages/Hardback..... **£25.00**

This book surveys the work and principles of Sim Van der Ryn, a world leader in the field of sustainable architecture. Sharing his years of experience as a teacher and using his building designs as examples, the author shows us that buildings are not objects but organisms, and cities are not machines but complex ecosystems. Van der Ryn explores how architecture has created physical and mental barriers that separate people from the natural world, and how to recover the soul of architecture and reconnect with our natural surroundings.

3 EASY WAYS TO ORDER...

- 1 Online: www.ribabookshops.com
- 2 Call our Customer Service Team: +44 (0)20 7256 7222
- 3 Send your order to: **RIBA Bookshops, Mail Order, 15 Bonhill Street, London, EC2P 2EA, UK**

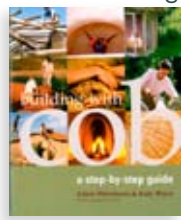
FREE POSTAGE for all UK online orders over £50

Postage & Packing:

- UK Minimum postage charge £2 for all orders under £20. Up to £100 add 10%. £100-200 add £10.00. Over £200 – POST FREE
- Overseas Minimum postage charge: £2.50 for all orders under £12.50. Over £12.50 – add 20% of total order value. Urgent delivery quotes can be arranged through our Customer Service Team.
- Online orders UK orders over £50 can be sent POST FREE.

Materials

56929 Building with Cob: A Step-by-Step Guide
Adam Weismann & Katy Bryce /Green Books/February 2006/272pages/
Paperback.....**£25.00**



The ancient method of cob building uses a simple mixture of clay sub-soil, aggregate, straw and water to create solid structural walls built without shuttering or forms, onto a stone plinth. *Building with Cob* shows how to apply this ancient technique in a wide variety of contemporary situations and also explains in detail how to sensitively restore an old cob structure.

39415 Rammed Earth:
Design and construction guidelines
P Walker, R Keable, J Martin and V Maniatidis/IHS BRE Press/February 2005/166pages/Paperback.....**£35.00**



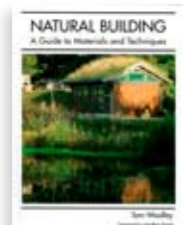
This new guide from Peter Walker and BRE promotes the use of rammed earth wall construction in the UK as a high-quality and sustainable building technology. It gives detailed practical guidance on architectural details, structural engineering recommendations, material selection, construction and maintenance of rammed earth.

3544 Earth Building
Laurence Keefe/Taylor and Francis/August 2005/208pages/Paperback.....**£29.99**



Buildings with load-bearing earth walls were once widespread throughout Britain and many thousands still survive, including some dating from the 14th and 15th centuries. Earth is the ultimate form of 'green' building construction, creating no environmental pollutions and consuming virtually no energy. This book describes all aspects of earth building, explaining how earth performs as a building material and providing guidance on how best to repair and conserve existing earth buildings.

58623 Natural Building:
A Guide to Materials and Techniques
Tom Woolley/Crowood/September 2006/192pages/Hardback.....**£19.95**



This book describes the many materials and methods that have been used by the pioneers of natural building, discusses the reasons why various materials have been chosen and frankly explains their advantages and disadvantages. It provides a detailed consideration of all the main forms of natural construction including building with earth, timber and straw bales. It also covers green and natural roofs, lime and masonry and the use of hemp as well as natural insulation materials, paints and finishes.

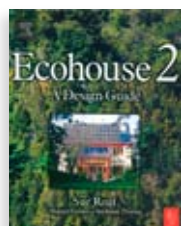
Home Building and Interiors

56973 Converting to an Eco-Friendly Home:
the Complete Handbook
Paul Hymers/New Holland/September 2006/176pages/ Paperback.....**£7.99**



As people become more aware of the threat posed to our environment by energy and resource wastage, so they will turn to books like this. Aimed at the homeowner or professional, it offers many straightforward tips on conserving energy and saving money, from rainwater harvesting to solar panels to insulation.

24798 Ecohouse 2: A Design Guide
Editor: Sue Roaf, Contributor: Manuel Fuentes, Contributor: Stephanie Thomas/ Architectural Press July 2003 Second Edition/352pages/Paperback.....**£26.99**



Ecohouse 2 tells you how to design low energy, environmentally friendly buildings. It provides the foundations for building design in a warming world and shows how to take the first step towards the zero-carbon emission buildings of tomorrow.

37271 Ecodesign
A Manual for Ecological Design
Ken Yeang/John Wiley September 2006/499pages/hardback.....**£60.00**



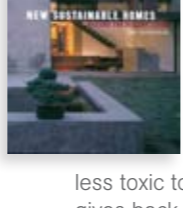
Ecodesign demonstrates why our current approach to design and perception of architecture in general must now change radically if our planet is to have a sustainable future. All artefacts, from buildings to everyday household products, have some environmental impact and can be viewed as potential waste. Ken Yeang argues for an integrative design process and shows how it can be achieved. This book gives easy-to-follow instructions, accompanied by numerous illustrations on how to design, build, manufacture and use green sustainable architecture and products. *Ecodesign* has been long listed for the **RIBA International Book Award 2007**.

57800 Diary of an Eco-Builder
Will Anderson/Green Books/June 2006/256pages/Paperback.....**£14.95**



Diary of an Eco-Builder focuses specifically on environmental issues through the author's re-telling of his attempt to realise an inspiring and challenging vision. Honest, amusing and unexpected, it highlights all the key issues which arise when you build an eco-house. It records the process of self-build and provides contacts and references for more information.

59810 New Sustainable Homes:
Designs for Healthy Living
James Grayson Trulove/Harper Design International/January 2007/173pages/ Hardback.....**£25.00**



New Sustainable Homes presents a wide range of projects where the architect and client have made a conscientious effort to incorporate sustainability into the design of the home and construction materials used in its execution. The result is a home that is less toxic to live in, is cheaper to operate and that often gives back to the environment rather than taking away.

08550 The Whole House Book:
Ecological Building Design and Materials:
Second Edition
Cindy Harris and Pat Borer/CAT Publications/April 2005/350pages/ Paperback.....**£35.00**



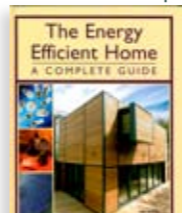
Whether you're renovating an existing building, adding an extension to your house, or designing your dream home from scratch, *The Whole House Book* sets out the ecological options open to you. From foundations to paint finishes, radical solutions to compromises you can be comfortable with, Cindy Harris and Pat Borer detail everything you need to know to design and construct an ecologically sound, environmentally friendly home, whether you intend to do-it-yourself or contract an architect or builder to work on your behalf.

59303 Green Building Bible: Essential Information to Help You Make Your Home and Buildings Less Harmful to the Environment, the Community and Your Family
Keith Hall/Green Building Press/October 2006/Third Edition/454pages/ Paperback.....**£9.95**



This very informative title, from the Green Building Press, covers: solar power, ecological heating options, energy conservation, insulation, how to make our buildings airtight, choosing eco-building products, healthy homes and how to avoid sick building syndrome, green roofing, painting and decoration, buying an eco-home, grants, waste management and water saving, sustainable garden design and management. There are also reviews on current trends and direction of the green building movement in the UK with hundreds of contacts and further reading suggestions.

58624 The Energy Efficient Home:
A Complete Guide
Patrick Waterfield/Crowood/July 2006/176pp/Hardback.....**£16.99**



The Energy Efficient Home: A Complete Guide covers every aspect of the efficient consumption of energy in the home including the position of the dwelling; its method of construction and the materials used; energy rating and the legal framework; insulation and U-values; windows and doors; conservatories, sunrooms and loft conversions; heating and hot-water systems; lighting and making the best use of daylight; ventilation; renewable energy technologies; appliances, gadgets and housekeeping and the wider environmental issues including water economy and recycling.

59107 Sustainable Residential Interiors
Associates III/John Wiley/December 2006/429pages/Hardback.....**£42.50**



This book takes readers through an integrated design process, showing how sustainable principles and practices can be applied on virtually every level of interior design. Taking a practical, hands-on approach, this accessible and easy-to-understand resource guide includes: visual examples of sustainable projects and applications; critical thinking about environmental issues within homes; guidelines for clients and project teams; helpful checklists for greening projects and specification; in-depth information to promote understanding and assist in specifying interior finishes and furnishings; questions for manufacturers and vendors and effective methods of marketing sustainable design services.

59348 Building with Awareness: The Construction of a Hybrid Home DVD & Guidebook
Ted Owens/Syncronos Design/December 2006 /151pages/Paperback.....**£22.99**



This award-winning DVD is inspiring and informative, with over five hours of material on every aspect of building a green home. The handy reference guidebook complements the DVD, with colour photographs, diagrams, suggestions and step-by-step methods. Used together, these two valuable resources provide a visually dynamic and easy-to-understand library of information.

Technology and Building Design

04515 Climate Design: Solutions for Buildings that Can Do More with Less Technology
Gerhard Hausladen/Birkhauser/November 2005/208pages/Paperback.....**£44.90**



This volume offers a comprehensive approach to energy efficient building design in addition to providing practical planning aids for a wide selection of building types. The book examines the interaction between design, climatic requirements, and the necessary building technology and equipment, using a large number of international projects as examples.

37316 Energy Performance of Residential Buildings: A Practical Guide for Energy Rating and Efficiency
M.Santamouris/Earthscan/James and James Publications/October 2004/144pp/ Hardback.....**£65.00**



Energy rating is a crucial consideration in modern building design, affirmed by the new EC Directive on the energy performance of buildings. Energy represents a high percentage of the running costs of a building and has a significant impact on the comfort of the occupants. This book represents detailed information on energy rating of residential buildings.

59304 Green Building Bible Volume 2: In Depth Technical Information and Data on the Strategies and Systems Needed to Create Low Energy, Green Buildings
Keith Hall/Green Building Press/October 2006/Third Edition/240pages/ Paperback.....**£9.95**



This book, **long listed for the RIBA International Book Award 2007**, goes beyond the introduction of the 'green building' philosophy and the many styles and methodologies (which are discussed at length in volume 1) and provides in-depth design advice for creating real, low energy, sustainable buildings. It provides easily understood explanations of how low energy buildings need to be designed and how many of the new eco-technologies such as photovoltaics, heat pumps and fuel cells actually work.

38126 Designing with Solar Power:
A source Book for Building Integrated Photovoltaics (BIPV)
D. Prasad and M. Snow/Earthscan/May 2005/256pages/Hardback.....**£50.00**



Photovoltaic power's potential for wide distribution makes it a unique and novel energy source that can be embedded within the fabric of individual buildings, shifting power generation away from being large scale and regionally located. As a consequence, an abundantly available, clean and silent electrical supply can be introduced into cities, towns and built-up areas. This publication is an indispensable aid for anyone wishing to incorporate solar power into building design.

57143 From A to Zed: Realising Zero (fossil) Energy Developments
Bill Dunster & ZEDfactory Ltd/Bill Dunster Architects/February 2006/CD.....**£14.89** + VAT



This is a new CD-ROM edition of the popular and acclaimed practical guide on how to realise a ZED (Zero Energy Development) - with sets of Housing Corporation accredited standard house types, an inventory of the ZED products used to build them and exemplar case studies applying the principles to real sites. The principles behind ZEDs are also described, by means of a journey through the three main phases of a typical medium to large-scale project - feasibility; the planning process and detailed design; and the construction process.

59646 Green Roofs and Facades
G.Grant/IHS BRE/November 2006/84pages/Paperback.....**£22.50**



This book provides an accessible overview of the development of green roofs and the contribution they can make to sustainable development. The book explains the benefits of their use and identifies the key aspects that must be considered in designing, building and maintaining them. It is fully illustrated with numerous examples of successful applications from around the world.

This is just a selection of the hundreds of books RIBA Bookshops has on sustainability and green building. Visit www.ribabookshops.com for our full range.