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# Sustainable Retrofits Post War Residential Towers

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Fundamentals of Sustainable Dwellings

Sustainable Retrofit and Facilities Management

The Eco-home Design Guide

Women Reclaiming the City

Transforming Social Housing

Nuevos enfoques en la rehabilitación energética de la vivienda hacia la convergencia europea

Sustainable Retrofit

Retrofitting Office Buildings to be Green and Energy-efficient

Elements of Sustainable Architecture

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Resilient Building Retrofits

Contemporary Co-housing in Europe

Living Homes

Urban Retrofitting for Sustainability

Old House Eco Handbook

Energy Efficiency and Historic Buildings

Residential Retrofit

Routledge Handbook of Resilient Thermal Comfort

Sustainability, Energy and Architecture

Old House Eco Handbook

Handbook of Retrofitting High Density Residential Buildings

Planning Small and Mid-Sized Towns

Retrofitting the City

Green Roof Retrofit

Toward Sustainable Communities, Fifth Edition

Handbook of Sustainable Refurbishment: Housing

Making Your Home Sustainable  
Urban Transportation Innovations Worldwide  
Sustainable Retrofits  
Elements of Sustainable Architecture  
Sustainable Retrofits  
Sustainable Retrofitting of Commercial Buildings  
The Sustainable City XV  
Residential Retrofit  
Sustainable Home Refurbishment  
Energy Policy in the Greenhouse: pt. 1. Cutting carbon emissions : burden or benefit? The economics of energy-tax and non-price policies. pt. 1. Executive summary : the impact of energy taxes and regulatory reforms on climate, growth, and jobs. pt. 2. Executive summary : Executive summary : Cutting carbon emissions while making money : climate saving energy strategies for the European Union. pt. 3B. Negawatt power : the cost and potential of electrical efficiency resources in Western Europe. pt. 3B. Executive summary : Negawatt power : the cost and potential efficiency in Western Europe. pt. 3C. Electricity sourcebook : the cost of fossil power generation in western Europe. pt. 3D. Renewable power : the cost and potential of low-carbon resource options in Western Europe. pt. 3E. Nuclear electricity : the cost and potential of low-carbon resource options in western Europe. pt. 5. Low-carbon comfort: the cost and potential of energy efficiency in EU buildings. pt. 5. Excuitve Sumary : Low-carbon comfort  
Sprawl Repair Manual  
Modern Sustainable Residential Design  
Retrofitting Suburbia, Updated Edition  
Making Your Home Sustainable

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## **HESS GROSS**

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**Fundamentals of Sustainable  
Dwellings** Routledge

This is a practical and easy-to-follow guide for homeowners, builders and architects who are concerned about the effects of climate change and environmental degradation and want to do something about reversing the trend.  
[Sustainable Retrofit and Facilities](#)

[Management](#) John Wiley & Sons  
For sustainable architecture to become a reality, the way we design buildings needs to change. Many architects are concerned that sustainable technologies may interfere with a building's aesthetic appearance, and so these are often 'added

on' once the design process is complete. Elements of Sustainable Architecture solves this dilemma by helping students to develop the design skills they need to create sustainable buildings - ensuring that ecological considerations are applied throughout the design process. Restoring the primacy of aesthetics and creativity to sustainable design, the book focuses on strategies that have the greatest impact on building design. It also shows the influence of sustainability considerations on choices about aspects such as composition, form, space, tectonics, materials, colour, textures, proportion and position. Specifically designed to offer a new way of understanding architecture, the book: introduces students to the basic principles and methods of sustainable design; features current examples and inspiring case studies to support learning step by step; presents information in a visually appealing, intuitive, easy-to-understand way; includes over 500 high-quality colour diagrams, drawings, sketches and photographs. A clear, visual introduction to creating aesthetically beautiful and sustainable buildings, this is essential reading for students in

sustainable architecture courses.

**The Eco-home Design Guide** Wiley  
The essence of sustainability in buildings is their capability to adapt to change over time. The UK has a large housing stock that has been developed and evolved over generations, and become the fabric and character of our cities, towns and neighbourhoods. The capability of buildings to adapt to changing lifestyles is the root of their sustainability. When buildings do not adapt they are disposed of, since it is only active use that confers value. It is only value that provides necessary investment for renewal. This book presents a series of innovative and best practice case studies of residential low energy retrofit projects, and illustrates what has been achieved in practice in the UK.

**Women Reclaiming the City** I.B. Tauris  
Profiles more than twenty residences and other structures built in "natural design" style with adobe, rammed earth, straw bale, and reinvented materials, presenting color photos and the stories of their architects and owners.

Transforming Social Housing Chronicle Books

This book is the first in which current societal themes revolving around urbanism, architecture, and city planning are put forth solely through female perspectives. It reveals the importance of having female lenses on certain societal debates.

Nuevos enfoques en la rehabilitación energética de la vivienda hacia la convergencia europea Routledge

The publication investigates the opportunities for upgrading the spatial structure of apartments created during the post-war building boom between 1960 and 1970. The authors analyze typical existing layouts in the context of social developments which, in recent decades, have led to significant changes in the form of living and in the structure of households. To what extent do the functionally optimized housing units meet the requirements of today's society, and how adaptable are they to new forms of living? Is it possible to achieve a workable result with small interventions? In the theoretical part the authors discuss theories on design strategies and political transformation processes, the importance of which is demonstrated in the project

part using practical contemporary examples.

*Sustainable Retrofit* Routledge

Consisting of presented papers from the 15th International Conference on Urban Regeneration and Sustainability, the included works address various aspects of the urban environment and provide solutions leading towards sustainability. Urban areas result in a series of environmental challenges varying from the consumption of natural resources and the subsequent generation of waste and pollution, contributing to the development of social and economic imbalances. As cities continue to grow all over the world, these problems tend to become more acute and require the development of new solutions. The challenge of planning sustainable contemporary cities lies in considering the dynamics of urban systems, exchange of energy and matter, and the function and maintenance of ordered structures directly or indirectly supplied and maintained by natural systems. The task of researchers is to improve the capacity to manage human activities, pursuing welfare and prosperity in the urban environment. Any

investigation or planning on a city ought to consider the relationships between the parts and their connections with the living world. The dynamics of its networks (flows of energy matter, people, goods, information and other resources) are fundamental for an understanding of the evolving nature of today's cities. Large cities represent a fertile ground for architects, engineers, city planners, social and political scientists, and other professionals able to conceive new ideas and time them according to technological advances and human requirements. Coastal areas and coastal cities are an important area covered in this volume as they have some specific features. Their strategic location facilitates transportation and the development of related activities, but this requires the existence of large ports, with the corresponding increase in maritime and road traffic and all its inherent negative effects. This requires the development of well-planned and managed urban environments, not only for reasons of efficiency and economics but also to avoid inflicting environmental degradation that causes the deterioration of natural resources, quality of life and

human health. These research papers put a focus on sustainability across the multidisciplinary components of urban planning, the challenges presented by the increasing size of cities, the number of resources required and the complexity of modern society.

**Retrofitting Office Buildings to be Green and Energy-efficient** Rowman & Littlefield

With a foreword from Paul King, Chief Executive, UK Green Building Council and Chairman, Zero Carbon Hub As concerns over climate change and resource constraints grow, many cities across the world are trying to achieve a low carbon transition. Although new zero carbon buildings are an important part of the story, in existing cities the transformation of the current building stock and urban infrastructure must inevitably form the main focus for transitioning to a low carbon and sustainable future by 2050. *Urban Retrofitting for Sustainability* brings together interdisciplinary research contributions from leading international experts to focus on key issues such as systems innovation, financing tools, governance, energy, and water

management. The chapters consider not only the knowledge and technical tools available, but looks forward to how they can be implemented in real cities by 2050.

*Elements of Sustainable Architecture*

Routledge

Updated with a new Introduction by the authors and a foreword by Richard Florida, this book is a comprehensive guide book for urban designers, planners, architects, developers, environmentalists, and community leaders that illustrates how existing suburban developments can be redesigned into more urban and more sustainable places. While there has been considerable attention by practitioners and academics to development in urban cores and new neighborhoods on the periphery of cities, there has been little attention to the redesign and redevelopment of existing suburbs. The authors, both architects and noted experts on the subject, show how development in existing suburbs can absorb new growth and evolve in relation to changed demographic, technological, and economic conditions. Retrofitting Suburbia was named winner in the Architecture & Urban Planning category of the 2009 American

Publishers Awards for Professional and Scholarly Excellence (The PROSE Awards) awarded by The Professional and Scholarly Publishing (PSP) Division of the Association of American Publishers

Small Interventions New Society Publishers

This book brings together some of the finest academics in the field to address important questions around the way in which people experience their physical environments, including temperature, light, air-quality, acoustics and so forth. It is of importance not only to the comfort people feel indoors, but also the success of any building as an environment for its stated purpose. The way in which comfort is produced and perceived has a profound effect on the energy use of a building and its resilience to the increasing dangers posed by extreme weather events, and power outages caused by climate change. Research on thermal comfort is particularly important not only for the health and well-being of occupants but because energy used for temperature control is responsible for a large part of the total energy budget of the built environment. In recent years there has been an increasing focus on the

vulnerabilities of the thermal comfort system; how and why are buildings failing to provide safe and agreeable thermal environments at an affordable price?

Achieving comfort in buildings is a complex subject that involves physics, behaviour, physiology, energy conservation, climate change, and of course architecture and urban design. Bringing together the related disciplines in one volume lays strong, multi-disciplinary foundations for new research and design directions for resilient 21st century architecture. This book heralds workable solutions and emerging directions for key fields in building the resilience of households, organisations and populations in a heating world.

**Resilient Building Retrofits** Academic Press

A deep understanding of the implications of green roof retrofit is required amongst students and practitioners to make the decisions and take the actions needed to mitigate climate changes. Green Roof Retrofit: building urban resilience illustrates the processes undertaken to develop this new knowledge and thereby embed a deeper level of understanding in

readers. Illustrative case studies and exemplars are drawn from countries outside of the core researched areas to demonstrate the application of the knowledge more broadly. Examples are used from the Americas (North and South and Canada), Oceania, Asia and other European countries. The book describes the multiple criteria which inform decision making and how this provides a way forward for making better decisions about green roof retrofit in different countries and climates.

#### Contemporary Co-housing in Europe

Routledge

First Published in 2010. Routledge is an imprint of Taylor & Francis, an informa company.

#### **Living Homes** Routledge

Despite recent improvements in energy efficiency being made in new build, it is important that the existing commercial building sector also take action to meet emission reduction targets. The objectives and challenges of such action will reduce the risk of the sector becoming obsolete due to high energy use and poor environmental performance. This book presents a theory-based, practice-support

methodology to deal with sustainable retrofitting opportunities for existing commercial buildings in warm climates using bioclimatic design as the basis. The book has four main parts, focusing on eco-design and renovation, bioclimatic retrofitting, technological and behavioural change and case studies of retrofitting exemplars. In the first part, the context of climate change effects on design and renovation at the city scale is discussed. The second part looks at bioclimatic retrofitting as a 'design guide' for existing buildings, highlighting the significance of architectural design and engineering systems for energy performance. The technological and behavioural contexts of the existing building sector – policies, modelling, monitoring and trend analysis in respect to energy and environmental performance – are covered in part three. The final part gives some case studies showing the effectiveness of strategies suggested for effective environmental performance. This book is a must-have guide for all involved in the design and engineering of retrofitting projects in warm climates.

#### Urban Retrofitting for Sustainability

Routledge

"This radical book aims to inject new insight and urgency into the discourse on the retrofitting of commercial and residential buildings in the face of the climate emergency. It is about the why, how and who should take the lead in revolutionising buildings in the face of serious climate and social change"--

#### **Old House Eco Handbook** Routledge

The essence of sustainability in buildings is their capability to adapt to change over time. The UK has a large housing stock that has been developed and evolved over generations, and become the fabric and character of our cities, towns and neighbourhoods. The capability of buildings to adapt to changing lifestyles is the root of their sustainability. When buildings do not adapt they are disposed of, since it is only active use that confers value. It is only value that provides necessary investment for renewal. This book presents a series of innovative and best practice case studies of residential low energy retrofit projects, and illustrates what has been achieved in practice in the UK. The book:- Offers examples of residential retrofit which can effectively

address major issues raised by the UK existing housing stock, such as: major CO2 emissions; energy efficiency; ageing building fabric; uncomfortable internal environments; and fuel poverty.- Increases the construction industry's understanding of residential retrofits.- Increases the confidence of professionals and homeowners to undertake low energy retrofits.- Informs home owners and social landlords of the financial implications and whole life costing of low energy retrofit.- Illustrates strategies available for different construction types.- Explains the main issues to look out for in a retrofit project, through the experience of the various case study teams.- Provides building energy monitoring data to confirm the potential real energy savings.

**Energy Efficiency and Historic Buildings** Routledge

Explores the relationship between the refurbishment of existing buildings, facility management and the wider community infrastructure

**Residential Retrofit** WIT Press

Presenting the state-of-the-art in sustainable retrofits in post war residential towers, this book captures and re-informs

the current intense refurbishing process that is taking place in Britain, which is part of a global phenomenon happening all over the world, as cities upgrade their building stock in an attempt to comply with governmental emission reduction targets. The authors present inspections of 20 sustainably retrofitted social housing towers, analysing their aesthetic and technical modifications, as well as the shifts occurring in their social structure. The authors use over 200 full colour plans, elevations, photographs, maps and illustrations to beautifully support the statistical and analytical information collected. Finally they include interviews with some of the architects who designed the retrofits, residents and key stakeholders to inform the conclusions.

**Routledge Handbook of Resilient Thermal Comfort** McFarland

The recent global crisis exposed vulnerabilities of housing markets pointing to the need to build resilience through better policy tools and sustainable provision of social housing. In the context of fiscal austerity, social housing is affected by changing politics, privatization and concentration of urban poverty.

Transforming Social Housing: International Perspectives explores the differences and similarities in housing policies and practices by focusing on social housing institutions and their ability to influence affordability and quality of housing. The focus is on private and not-for-profit provision in mixed-income developments supported through partnerships and a mix of policy instruments. The book brings together contributions by leading scholars on key debates affecting social housing in cities around the world. The international perspectives provide an interdisciplinary, robust overview of complex processes of change affecting people, places and homes. It is particularly well suited for students, scholars, policymakers and professionals interested in housing, urban planning and public policy. The chapters in this book were originally published in various issues of the Urban Research & Practice journal.

*Sustainability, Energy and Architecture* Island Press

This handbook of urban transportation planning presents case studies detailing 40 best practices from 33 states in the U.S. and 19 countries on six continents.

Cities around the world have improved transportation options for their citizens. Roadways have seen the addition of walkways and bicycle lanes, and light-rail transit systems have reduced street traffic. These cities have decreased reliance on personal cars and enhanced their urban environments by reducing congestion, pollution, and the number and width of roadways. This volume discusses the dynamic field of urban transportation planning and provides resources for planning professionals and public officials

interested in obtaining additional information on the latest trends. *Old House Eco Handbook* Frances Lincoln Presenting the state-of-the-art in sustainable retrofits in post war residential towers, this book captures and re-informs the current intense refurbishing process that is taking place in Britain, which is part of a global phenomenon happening all over the world, as cities upgrade their building stock in an attempt to comply with governmental emission reduction

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Best Sellers - Books :

- [The Nightingale: A Novel By Kristin Hannah](#)
- [It Starts With Us: A Novel \(2\) \(it Ends With Us\)](#)
- [I Love You To The Moon And Back](#)
- [The Wager: A Tale Of Shipwreck, Mutiny And Murder By David Grann](#)
- [Little Blue Truck's Valentine By Alice Schertle](#)
- [The Silent Patient By Alex Michaelides](#)
- [Icebreaker: A Novel \(the Maple Hills Series\)](#)
- [How To Win Friends & Influence People \(dale Carnegie Books\) By Dale Carnegie](#)
- [Fourth Wing \(the Emphyrean, 1\)](#)
- [I'm Glad My Mom Died By Jennette Mccurdy](#)