

Comfort In A Lower Carbon Society Building Research And Information

Soft Computing in Information Communication Technology
Comfort
Climate Change and a European Low-carbon Energy System
Air Quality and Comfort in Airliner Cabins
Reconnecting Marketing to Markets
Innovation for a Low Carbon Economy
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comfort: the cost and potential of energy efficiency in EU buildings. pt. 5. Executive Summary : Low-carbon comfortGlobal Warming-related Effects on Agriculture and Human Health and Comfort in the South PacificThe Mines MagazineThe Encyclopaedia BritannicaThe Oxford Handbook of the History of ConsumptionJournal of the American Society of Heating and Ventilating EngineersThe American CityLow Carbon TransitionClimate Change 1995Weather, Local Knowledge and Everyday LifeThe Journal of the Engineers' Club of Philadelphia and Affiliated SocietiesEngineers and EngineeringAnnual ReportCarbon Management in the Built EnvironmentThe Political Economy of Low Carbon TransformationIndoor Air Quality & Work Environment StudyCarbon-Neutral Architectural DesignThe Encyclopædia BritannicaThe EcologistThe Encyclopædia BritannicaGoverning Low-carbon Development and the EconomyLiving in a Low-Carbon Society in 2050SILENCE COMFORT

Soft Computing in Information Communication Technology

Comfort

Climate Change and a European Low-carbon Energy System

Air Quality and Comfort in Airliner Cabins

Reconnecting Marketing to Markets

There is an urgent need to build human capacity to make the often vulnerable and exposed buildings and communities we live and work in more resilient to the changing social, economic and physical environments around us. Extensive research has been done over the last decades on both mitigation and adaptation to climate change in the built environment, but the outputs of much of this research have failed to result in the wider uptake of effective greenhouse gas emission reduction solutions. This volume introduces credible 'fresh thinking' on how this may be done. For the first time an emerging generation of research is brought together that is directly concerned with understanding, influencing and leading the transformation of markets and thinking in the built environment. Chapters cover: defining values setting targets consumer motivation selling existing ideas better developing new design principles, paradigms and programmes optimizing solutions to ensure that when change does happen, it does so in the right direction. Papers are contributed by leading experts in fields ranging from philosophy, the social, political and physical sciences, engineering, architecture, mathematics and

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complexity science. The resulting volume will be essential reading for all those involved with changing the mindsets of a generation on the need to, and ways to, build resilience to rapid change and transforming markets in the built environment.

Innovation for a Low Carbon Economy

Proceedings [of The] Annual Convention

This is a collection of the accepted papers concerning soft computing in information communication technology. All accepted papers are subjected to strict peer-reviewing by 2 expert referees. The resultant dissemination of the latest research results, and the exchanges of views concerning the future research directions to be taken in this field makes the work of immense value to all those having an interest in the topics covered. The present book represents a cooperative effort to seek out the best strategies for effecting improvements in the quality and the reliability of Neural Networks, Swarm Intelligence, Evolutionary Computing, Image Processing Internet Security, Data Security, Data Mining, Network Security and Protection of data and Cyber laws. Our sincere appreciation and thanks go to these authors for their contributions to this conference. I hope you can gain lots of useful information from the book.

Comfort in a Lower Carbon Society

Hydrogen and Fuel Cells

Three broad sectors of the economy are generally recognized as key to a low carbon future: energy, construction and transportation. Of these, carbon management in the built environment remains the least well-studied. This much-needed book brings together the latest developments in the field of climate change science, building design, materials science, energy and policy in a form readily accessible to both students of the built environment and practitioners. Although several books exist in the broad area of carbon management, this is the first to bring together carbon management technology, technique and policy as they apply to the building sector. Clear and succinct sections on the overarching principles, policies, approaches and technologies are combined with case studies and more in-depth coverage of the most relevant topics. It explains how to produce a simple carbon footprint calculation, while also being an informative guide for those developing or implementing more advanced approaches. This easy to read book is the ideal primer for anyone needing to get to grips with carbon management in the built environment.

Environment & Planning A.

The term 'consumption' covers the desire for goods and services, their acquisition, use, and disposal. The study of consumption has grown enormously in recent years, and it has been the subject of major historiographical debates: did the eighteenth century bring a consumer revolution? Was there a great divergence between East and West? Did the twentieth century see the triumph of global consumerism? Questions of consumption have become defining topics in all branches of history, from gender and labour history to political history and cultural studies. The Oxford Handbook of the History of Consumption offers a timely overview of how our understanding of consumption in history has changed in the last generation, taking the reader from the ancient period to the twenty-first century. It includes chapters on Asia, Europe, Africa, and North America, brings together new perspectives, highlights cutting-edge areas of research, and offers a guide through the main historiographical developments. Contributions from leading historians examine the spaces of consumption, consumer politics, luxury and waste, nationalism and empire, the body, well-being, youth cultures, and fashion. The Handbook also showcases the different ways in which recent historians have approached the subject, from cultural and economic history to political history and technology studies, including areas where multidisciplinary approaches have been especially fruitful.

The Encyclopaedia Britannica

Catalogue

Includes section "Books and reports."

Encyclopedia Britannica

Based on results of the first phase of the Kyoto Protocol—which requires participating industrial countries to limit their carbon emissions—this book recommends creating a global regulatory regime that would set emission targets for all nations. The authors argue that once these targets and the policies for meeting them are established, countries will be spurred to develop lower-carbon-producing economies. The book discusses experiences in Japan primarily, along with results from collaborative research between Japan and the Republic of Korea and comparative studies between Japan and Germany. The chapters adopt different perspectives, looking at the issue from the discipline of economics as well as a more sociological, neo-institutionalist viewpoint.--Publisher's description.

Carbon Strategies

American Journal of Public Health

Transforming Markets in the Built Environment

Ventilation

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 : Negawat

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"Describes specific steps any business can take to implement sound, practical, climate-related corporate policies." - cover.

Global Warming-related Effects on Agriculture and Human Health and Comfort in the South Pacific

Vols. for 1893-1912 contain also "List of state railroad commissions, showing official titles and addresses, and names and addresses of members and secretaries."

The Mines Magazine

The Encyclopaedia Britannica

The Oxford Handbook of the History of Consumption

The energy used to operate buildings is one of the most significant sources of greenhouse gas emissions. To lessen the human impact on climate, it is necessary to reduce these building-related emissions. New legislation, as well as market and financial pressures, are driving architects and developers to create low-carbon buildings. While it is possible to achieve many of these reductions through appropriate climate-responsive design, many architects are not trained to do this. Filling an urgent need for a design reference in this emerging field, *Carbon-Neutral Architectural Design* describes how to reduce building-related greenhouse gas emissions through appropriate design techniques. This full-color book presents strategies and methods to achieve CO₂ reductions, with an emphasis on control of energy flows through the building envelope and passive heating and cooling strategies. *Strategies for Designing Buildings with a Smaller Carbon Footprint* Examining climate change and its relationship with buildings, the book begins with a look at the sources of emissions and how these are produced as a result of interactions between buildings and the surrounding environment. It then

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introduces a carbon-neutral architectural design process (CNDP) and a roadmap that can be adjusted for different types of projects. Discussing climate analysis and solar geometry, the book explores how understanding the climate where a building is located helps to identify the design strategies that are best suited to that location—whether warm and humid, warm and dry, temperate, or cold. It looks at psychrometrics and how to achieve thermal comfort with minimum emissions. The book also explains how building fabric can be used to control energy flows by conduction, radiation, and convection—helping to reduce overheating and overcooling—and how to incorporate passive cooling and heating systems through appropriate design. The book includes useful references, equations, and illustrations, as well as a comparison of free carbon counting tools that can be used for residential building design. Drawing on the author's extensive experience in teaching and practice, this is a valuable resource for anyone who wants to reduce the carbon footprint of buildings. Find more study resources at the American Institute of Architects' Carbon Neutral Design Project web site. What's next for green building? See what Dr. La Roche has to say in this video on the HMC Architects blog.

Journal of the American Society of Heating and Ventilating Engineers

The American City

Deep reductions in energy use and carbon emissions will not be possible within political economies that are driven by the capitalist imperatives of growth, commodification and individualization. As such, it has now become necessary to understand the relationship between capitalism and the emergence of high energy habits. Using the examples of home energy, transport and food, *The Political Economy of Low Carbon Transformation* articulates the relationship between the politics of economic expansion and the formation of high-energy habits at the level of family and household. The book elaborates a theory of habit and how it can contribute to this relationship. It critiques mainstream green economy and green energy prescriptions for low carbon transformation that take economic growth for granted and ignore habits formed in a material world designed and built for high energy use. The book explores the growing number of communities around the world that are engaged in collaborative efforts to reform their community and household habits in ways that are less environmentally intrusive. It assesses their potential to make an impact on national and urban low carbon political agendas. The book is aimed at a large and growing interdisciplinary audience interested in the relationship between political economy, consumption and sustainability.

Low Carbon Transition

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“Hydrogen and Fuel Cells: A Comprehensive Guide explains in straightforward language why hydrogen has emerged as an essential area for research and technology development worldwide. This fascinating new book by Rebecca L. Busby explores the forces driving the market for hydrogen-powered fuel cells, as well as the technical and economic barriers that could detail a transition toward hydrogen energy systems. The book reviews hydrogen's history and discusses current and future applications for hydrogen fuel cells, as well as methods of producing, transporting, and storing hydrogen.”--BOOK JACKET.

Climate Change 1995

The historical link between marketing and markets, prevalent until the 1960s, has given way to the view of marketing as a portable set of tools applicable to markets and non-markets alike. By re-establishing the connection between the two, this book examines the argument that marketing produces markets: marketing practices and theories play a very significant role in the production of markets and the kinds of entities and phenomena that populate markets. This interdisciplinary book brings together theoretical and empirical contributions from marketing and economic sociologists to analyse and develop novel approaches to interpreting the relationship between marketing theory, marketing practices, and markets across a variety of market settings and countries.

Weather, Local Knowledge and Everyday Life

The Journal of the Engineers' Club of Philadelphia and Affiliated Societies

Contains papers presented at an October 1999 symposium held in New Orleans, Louisiana, on cabin air quality measurements, chemicals and toxicity, standards, modeling and control of cabin air quality, cabin air quality and emerging issues, and relationships between cabin environment factors and comfort

Engineers and Engineering

Annual Report

Current expectations and standards of comfort are almost certainly unsustainable and new methods and ideas will be required if there is to be any prospect of a significantly lower carbon society. This collection reassesses relationships between people and the multitude of environments they inhabit in the context of increasing carbon intensities of everyday life. In this bold and unconventional volume

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historians, sociologists, environmentalists, geographers, and cultural theorists provoke and stimulate debate about the future of comfort in a lower carbon society. These contributions are then subject to critical commentary from a range of academic and policy perspectives. The result is a book that promotes academic and policy discussion of the environmental consequences of indoor climate change around the world, and that offers new perspectives and strategies for moving towards a lower carbon future. This book was published as a special issue of Building Research & Information.

Carbon Management in the Built Environment

Includes list of the Alumni.

The Political Economy of Low Carbon Transformation

Indoor Air Quality & Work Environment Study

Carbon-Neutral Architectural Design

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Innovation for a Low Carbon Economy analyses the interplay of technological, institutional, market and management factors in the dynamics of energy systems. The book aims to inform national and international policies to promote low carbon innovation.

The Encyclopædia Britannica

The Ecologist

The Encyclopædia Britannica

This report contributes to the debate on climate change and policy development to promote sustainable energy use, by giving an assessment of possible greenhouse gas emission reduction pathways made feasible by global action and a transition to a low-carbon energy system in Europe by 2030. It analyses trends and projections for emissions of greenhouse gases and the development of underlying trends in the energy sector; and also discusses policy options to facilitate a cost-effective transition to a low-carbon energy system.

Governing Low-carbon Development and the Economy

Most leaders of developed nations recognize the importance of following policies and strategies to achieve a low-carbon economy based on new and innovative technologies that are able to reduce greenhouse gas emissions and create new employment and growth. In the broad spectrum of the feasible decarbonisation pathways, the challenge for political and economic decision-makers is to weigh uncertain impact from different technologies and to build a comprehensive evidence-based framework for research, business, investment and policy decision-making. This book aims to provide the reader with a comprehensive overview of the current state-of-the-art technology in the Low Carbon Technology and Economy field, discussing a set of new technology approaches and environmental and economic implications.

Living in a Low-Carbon Society in 2050

Contains the Intergovernmental Panel on Climate Change (IPCC) second assessment synthesis of scientific-technical info. relevant to interpreting Article 2 of the U.N. Framework Convention on Climate Change; the report on the science of climate change; the report on scientific-technical analyses of impacts, adaptations & mitigation of climate change; & the report on the economic & social dimensions

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of climate change. Discusses: greenhouse gases, aerosols, human health, food & fibre, hydrology & water resources management, terrestrial & aquatic ecosystems, energy supply & demand, integrated assessment, response strategies, & much more.

SILENCE COMFORT

Combining theory, case studies and speculative fiction, a range of contributors, from leading UK academics to pioneering renewable activists, create a compelling picture of the potential perks and pitfalls of a low carbon future.

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