

# **Sustainable Architectures**

**Cultures and Natures in Europe and  
North America**

*Edited by*  
**Simon Guy and Steven A. Moore**



Spon Press

# Sustainable Architectures Cultures And Natures In Europe And North America

**Eric J. Arnould, Craig J Thompson**



## **Sustainable Architectures Cultures And Natures In Europe And North America:**

*Sustainable Architectures* Simon Guy, Steven A. Moore, 2005 As buildings are responsible for fifty per cent of CO2 emissions their design has become the focus of intense technical scrutiny Knowing how to build more technically efficient or ecologically responsible buildings and being able to assemble the social resources to do so requires different forms of knowledge and practice There is wide contestation over the optimal pathways to greener buildings design and great diversity in practices of sustainable architecture This volume brings together leading researchers from across the European Union and North America both to illustrate the diversity of practice and to provide a critical commentary on this key debate The reader is provided with an introduction to competing perspectives on the sustainable architecture debate international exemplars of differing practice and an overview of new theoretical and methodological resources for understanding and meeting the conceptual social and technical challenges of sustainable architecture

**Ardeth #12** AA.VV., 2024-03-06 In the backdrop of the New European Bauhaus our time presents the European designer with three pivotal keywords beautiful sustainable and together The central question that this issue of Ardeth seeks to address is how to employ these three keywords in the best possible way In essence it grapples with the question of how to use but not abuse the checkpoints they provide us with to truly grasp the intricacies of their intended applications The aim is to prevent hastening the transition from words to designs and ultimately from designs to the artefacts that make up the space of our day to day human existence

**Now Urbanism** Jeffrey Hou, Benjamin Spencer, Thaisa Way, Ken Yocom, 2014-10-10 After more than a century of heroic urban visions urban dwellers today live in suburban subdivisions gated communities edge cities apartment towers and slums The contemporary cities we know are more often the embodiment of unexpected outcomes and unintended consequences rather than visionary planning As an alternative approach for rethinking and remaking today's cities and regions this book explores the intersections of critical inquiry and immediate substantive actions The contributions inside recognize the rich complexities of the present city not as barriers or obstacles but as grounds for uncovering opportunity and unleashing potential Now Urbanism asserts that the future city is already here It views city making as grounded in the imperfect messy yet rich reality of the existing city and the everyday purposeful agency of its dwellers Through a framework of situating grounding performing distributing instigating and enduring these contributions written by a multidisciplinary group of practitioners and scholars illustrate specificity context agency and networks of actors and actions in the re making of the contemporary city

**Alternative Routes to the Sustainable City** Steven A. Moore, 2007-01-01 Dr Steven A Moore investigates the exemplary cities of Austin Texas Curitiba Brazil and Frankfurt Germany to examine how each city has approached and maintained sustainability and thus stimulated economic growth preserved threatened ecosystems and improved social equity These three cities have successfully developed different dispositions toward politics nature and technology proving that there is no single abstract model or universal checklist but different approaches for different people

Contemporary Co-housing

in Europe Pernilla Hagbert, Henrik Gutzon Larsen, Håkan Thörn, Cathrin Wasshede, 2019-11-18 This book investigates co housing as an alternative housing form in relation to sustainable urban development Co housing is often lauded as a more sustainable way of living The primary aim of this book is to critically explore co housing in the context of wider social economic political and environmental developments This volume fills a gap in the literature by contextualising co housing and related housing forms With focus on Denmark Sweden Hamburg and Barcelona the book presents general analyses of co housing in these contexts and provides specific discussions of co housing in relation to local government urban activism family life spatial logics and socio ecology This book will be of interest to students and researchers in a broad range of social scientific fields concerned with housing urban development and sustainability as well as to planners decision makers and activists

*World Cities: Achieving Liveability And Vibrancy* Giok Ling Ooi, Belinda Yuen, 2009-08-11 How does a city make sound policy decisions on sustainability and governance while simultaneously promoting economic growth and development excellence This book focuses on the major challenges that world cities are facing in such key areas as governance social inclusiveness infrastructural development financial solvency as well as environmental and ecological sustainability Based on case studies from cities in North America Europe and the Asia Pacific this collection of essays brings together some of the top academics professionals and policymakers from the world over and presents their views on how to best strike the balance between growth and sustainability The range of perspectives ideas and depth of information makes this an invaluable resource for researchers city planning professionals and policymakers in environment urban development and urban economic planning

Eco-architecture C. A. Brebbia, 2006 Unlike the mechanistic buildings it replaces Eco Architecture is in harmony with nature including its immediate environs Eco Architecture makes every effort to minimise the use of energy at each stage of the building's life cycle including that embodied in the extraction and transportation of materials their fabrication their assembly into the building and ultimately the ease and value of their recycling when the building's life is over Featuring papers from the First International Conference on Harmonisation between Architecture and Nature the text brings together papers of an inter disciplinary nature and will be of interest to engineers planners physicists psychologists sociologists economists and other specialists in addition to architects Featured topics include Historical and Philosophical aspects Ecological and Cultural Sensitivity Human Comfort and Sick Building Syndrome Energy Crisis and Building Technologies Carbon Neutral Design Alternative Sources of Energy wind solar wave geothermal etc Design with Nature Design with Climate Siting and Orientation Re use of Brownfield Sites Material Selection Minimal Transportation Approaches and use of Indigenous Materials Life Cycle Assessment of Materials Design by Passive Systems Conservation and Re use of Water Building Operation and Management Applications in Different Building Types Regulations and Contracts

**The SAGE Handbook of Architectural Theory** C. Greig Crysler, Stephen Cairns, Hilde Heynen, 2012-01-10 The SAGE Handbook of Architectural Theory documents and builds upon some of the most innovative developments in architectural theory over

the last two decades Bringing into dialogue a range of geographically institutionally and historically competing positions the book examines and explores parallel debates in related fields The book is divided into eight sections Power Difference Embodiment Aesthetics Pleasure Excess Nation Spectacle Modernity History Memory Tradition Design Practice Production Technology Science Virtuality Nature Landscape Sustainability City Metropolis Territory Creating openings for future lines of inquiry and establishing the basis for new directions for education research and practice the book organizes itself around specific case studies to provide a critical interpretive and speculative enquiry into the relevant debates in architectural theory A methodical authoritative and comprehensive addition to the literature the Handbook is suitable for academics researchers and practitioners in architecture urban geography cultural studies sociology and geography

**The Rise of Awards in Architecture** Jean-Pierre Chupin, Carmela Cucuzzella, Georges Adamczyk, 2022-09-06 This book is the first scientific study to focus on awards in architecture and the built environment investigating their exponential growth since the 1980s The celebration of excellence in architecture and related fields remains a phenomenon on which there is strangely little scientific scrutiny What is to be understood from the plethora of award winning projects award winning buildings and awarded professional practices in the built environment year after year Glossy images partake in an intense ballet at every local regional national or international award ceremony and they are meant to embody proofs of architectural excellence However it is necessary to take a critical distance to question what awards are meant to embody symbolize and perhaps measure Each of the 10 chapters in this volume is centered on one question related to themes as varied as the comparison of Pritzker and Nobel Prizes the Prix de Rome the redefinition of quality through awards green awards and sustainability the multiplication of sustainable awards heritage awards architecture book awards the awarding of school architecture awards as mediations and awards as pedagogical devices Many fields once consolidated have featured a sharp increase in related prizes The original data compiled and summarized in 4 appendices cover more than 150 award granting organizations in some 30 countries Our inventory includes upwards of 24 000 prizes awarded at more than 3 100 events the earliest of which is the first instance of Western architecture's seminal Grand Prix de Rome in France in 1720 A history of contemporary architecture is thus written through press releases that praise the merits of the heroes as much as their works and achievements And while awards can be vehicles that propel architecture forward they can also be Trojan horses in an era that is constantly on the lookout for event driven products small and big news and brand imaging

**Precedented Environmental Futures** Colin Porteous, 2019-04-17 This book addresses the built environment through the lens of environmental architecture and in a holistic manner It moves gradually from psychophysiology and thinking doing feeling modalities through environmental criteria to environmental modulation concluding with a debate around mitigation and adaptation Much use is made of re interpreting past quotations seen as relevant for environmental architecture No definitive conclusions are reached but rather broad discursive messages are offered The text will have lasting luminance for new

generations involved with the built environment      **Technonatures** Damian F. White,Chris Wilbert,2010-04-05

Environmentalism and social sciences appear to be in a period of disorientation and perhaps transition In this innovative collection leading international thinkers explore the notion that one explanation for the current malaise of the politics of ecology is that we increasingly find ourselves negotiating technonatural space times International contributors map the political ecologies of our technonatural present and indicate possible paths for technonatural futures The term technonatures is in debt to a long line of environmental cultural theory from Raymond Williams onwards problematizing the idea that a politics of the environment can be usefully grounded in terms of the rhetoric of defending the pure the authentic or an idealized past solely in terms of the ecological or the natural In using the term technonatures as an organizing myth and metaphor for thinking about the politics of nature in contemporary times this collection seeks to explore one increasingly pronounced dimension of the social natures discussion Technonatures highlights a growing range of voices considering the claim that we are not only inhabiting diverse social natures but that within such natures our knowledge of our worlds is ever more technologically mediated produced enacted and contested      **Handbook of Sustainable Energy** Ibon Galarraga,M. González-Eguino,Anil Markandya,2011

was impressed by the scope of the contributions and their clarity All appear to have been written specifically for this Handbook and all are readily comprehensible without a large amount of assumed previous knowledge a very useful source document and many of the chapters represent a good starting point for student research projects Tony Owen Economics of Energy and Environmental Policy In today s modern world where energy resources are increasingly scarce climate change is a hot button issue and population growth continues to push the need to promote sustainable living Handbook of Sustainable Energy is highly recommended as an absolutely invaluable contribution to graduate school libraries and the pool of literature available to professionals in the field The Midwest Book Review Major contemporary issues and debates relating to the sustainable use of energy are addressed in this far reaching Handbook The contributing authors discuss the ongoing debates about sustainability and energy use energy economics renewable energy efficiency and climate policy New and original chapters from leading academics cover the full spectrum of relevant research including definitions of sustainability in energy use consumer behaviour and energy markets the impacts of innovation and new technologies energy economics and climate modelling low carbon economies and renewable energies The authors critically engage with perspectives from developed and developing countries from both global and regional standpoints This Handbook will make a timely and important contribution to the study of energy climate change and climate economics and will prove essential reading for international researchers in the fields of natural resources climate change and energy Students in environmental science faculties economics departments business schools and engineering schools will also find this important and enriching compendium insightful Similarly policy makers in energy and environment ministries and international organizations will find much topical debate to engage them      **If Classrooms Matter** Jeffrey R. Di Leo,Walter

R. Jacobs, 2004 First Published in 2004 Routledge is an imprint of Taylor Francis an informa company      Consumer Culture Theory Eric J. Arnould, Craig J Thompson, 2018-06-30 Outlining the key themes concepts and theoretical areas in the field this book draws on contributions from prominent researchers to unravel the complexities of consumer culture by looking at how it affects personal identity social interactions and the consuming human being A field which is characterised as being theoretically challenging is made accessible through learning features that include case study material critical reflection research directions further reading and a broad mix of the types of consumers and consumption contexts including emerging markets and economies The structure of the book is designed to help students map the field in the way it is interpreted by researchers and follows the conceptual mapping in the classic Arnould the Kendall Jenner Pepsi Commercial Professional Beer Pong Military Recruiting Campaigns The World Health Organization and the Corporatization of Education The go to text for anyone new to CCT or postgraduate students writing a CCT related thesis      **Environmental Governance** Gabriela Kütting, Ronnie Lipschutz, 2012-08-21 This edited collection makes a highly significant critical contribution to the field of environmental politics It argues that the international level institutionalist approach to global environmental politics has run its course employed solely by powerful actors in order to orchestrate and manipulate local communities within a continuing hegemonic system The outstanding international line up of contributors to this volume explore the real advances that are being made in the areas where the local and global intersect and how power fits into the equation They explore the relationship between governance power and knowledge using power as the main analytical tool The contributors adopt a variety of approaches and perspectives some starting from the local level and shifting upward to the global and some using a global perspective that narrows down to the local Some chapters explore specific case studies and others employ a more conceptual framework but all of them bring a new dimension to the relationship between power and knowledge in environmental governance Power here is explored in all its guises from relational to structural power An important and timely exploration of a topic at the forefront of global debate Environmental Governance is essential reading for all students of global environmental politics international political economy and international relations      **Green Oslo** Per Gunnar Røe, 2016-04-22 As urban regions face the demand to decrease fossil fuel dependency many cities in the developing world are undertaking initiatives designed to create a greener city by aiming for a more sustainable form of urban development and to do so they need to evaluate existing modes of transportation and patterns of land use Focusing on Oslo an early leader in urban environmental policy making and a European green city award winner it argues that this evaluation must adopt and integrate two approaches firstly as a process of ecological modernization based on a combination of transit densification and mixed use development and secondly as an opportunity to reconsider the character and substance of the built environment as a reflection of natural values landscapes and natural resources of the wider region Environmental debate and concern is widespread in Oslo and this is reflected in its earlier planning decisions to leave intact large forest reserves its successful

ecological restoration of the Oslo fjord the importance of outdoor culture among its residents the relatively progressive political agenda of Norway This book provides an opportunity for a critical assessment of the limitations and opportunities inherent in green Oslo and suggests the need for much broader integrative approaches It concludes by highlighting lessons which other cities might learn from Oslo *Principles of Sustainable Project Management* Mohamed Salama, 2018-10-20 A unique approach to managing projects combining the principles of sustainable management theory with the currently established project management theory in an applied context Written by a team of international experts it tackles issues such as digital transformation smart cities green project management CSR and more **The Natural City** Ingrid Leman Stefanovic, Stephen Bede Scharper, 2011-12-10 Urban and natural environments are often viewed as entirely separate entities human settlements as the domain of architects and planners and natural areas as untouched wilderness This dichotomy continues to drive decision making in subtle ways but with the mounting pressures of global climate change and declining biodiversity it is no longer viable New technologies are promising to provide renewable energy sources and greener designs but real change will require a deeper shift in values attitudes and perceptions A timely and important collection The Natural City explores how to integrate the natural environment into healthy urban centres from philosophical religious socio political and planning perspectives Recognizing the need to better link the humanities with public policy The Natural City offers unique insights for the development of an alternative vision of urban life **Practice and Progress in Social Design and Sustainability** Siu, Kin Wai Michael, Wong, Yin Lin, 2018-07-06 Designers provide creative solutions for user problems and identify the needs of users in a given environment However it is often difficult to understand the social design of a product or service Practice and Progress in Social Design and Sustainability is a critical scholarly resource that provides groundbreaking research on social contributions to design Featuring coverage on a broad range of topics such as rural sustainability ecological farmhouse designs and community public spaces this book is geared towards architects designers program planners entrepreneurs and engineers seeking information about design for resolving social issues *Smart Design* Philip Breedon, 2012-04-11 Good product designs merge materials technology and hardware into a unified user experience one where the technology recedes into the background and people benefit from the capabilities and experiences available By focusing on functional gain critical awareness and emotive connection even the most multifaceted and complex technology can be made to feel straightforward and become an integral part of daily life Researchers designers and developers must understand how to progress or appropriate the right technical and human knowledge to inform their innovations The 1st International Smart Design conference provides a timely forum and brings together researchers and practitioners to discuss issues identify challenges and future directions and share their R D findings and experiences in the areas of design materials and technology This proceedings of the 1st Smart Design conference held at Nottingham Trent University in November 2011 includes summaries of the talks given on topics ranging from intelligent textiles design to



pharmaceutical packaging to the impact of social and emotional factors on design choices with the aim of informing and inspiring future application and development of smart design

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