

Skyscraper Bioclimatically Considered

Skyscraper Bioclimatically Considered Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Skyscraper Bioclimatically Considered**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

The Green Skyscraper Ken Yeang 1999 Although many designers have succeeded in applying ecological or "green" design principles to architecture on the small scale, city centers remain an uncharted frontier when it comes to achieving integrated, ecologically responsive buildings. Architect Ken Yeang takes us an important step forward by addressing the challenge of making the skyscraper an "intensive" large building type, sustainable -- that is a structure that has a beneficial impact on the natural environment and increases energy efficiency in the core. Yeang's premise is that the skyscraper is a built form that will stay with society well into the future and that its worldwide popularity is a reason in itself to rethink its relationship to the environment. The Green Skyscraper presents a general framework for looking at ecological design, a step-by-step guide to examining the fundamental premises of such an approach as well as its practical applications to the contemporary skyscraper. Issues discussed include the use of energy and materials and their physical impact on the ecosystem, illustrated with case studies from Yeang's own projects, experiments, and research.

The Sustainable City V A. Gospodini 2008 of the present without compromising the ability of future generations to meet their own needs. In The Sustainable City V many interrelated aspects of the urban environment from transport and mobility to social exclusions and crime

prevention are addressed. The papers included were originally presented at the Fifth International Conference on Urban Regeneration and Sustainability and will be of interest to city planners, architects, environmental engineers and all academics, professionals and practitioners working in the wide range of disciplines associated with creating a viable urban environment. In this book the papers are published under the following topics: Architectural issues; Cultural heritage; Energy resources systems; Environmental management; Healthy cities; Indicators: ecological, economic, social; Land use and management; Mega cities; Planning issues; Planning, development and management; Public safety; Revitalisation strategies; Socio-economic issues; Spatial modelling; Strategy; Sustainable transportation and transport integration; The community and the city; Traffic and transportation; Urban-rural relationships.

Eco Skyscrapers II Ken Yeang 2011 This publication focuses on sustainability within the architecture and design of eco skyscrapers.

The Bioclimatic Skyscraper Puteri Shireen Jahn Kassim 2004

Designing High-Density Cities Edward Ng 2009-12-16 Compact living is sustainable living. High-density cities can support closer amenities, encourage reduced trip lengths and the use of public transport and therefore reduce transport energy costs and carbon emissions. High-density planning also helps to control the spread of urban suburbs into

open lands, improves efficiency in urban infrastructure and services, and results in environmental improvements that support higher quality of life in cities. Encouraging, even requiring, higher density urban development is a major policy and a central principle of growth management programmes used by planners around the world. However, such density creates design challenges and problems. A collection of experts in each of the related architectural and planning areas examines these environmental and social issues, and argues that high-density cities are a sustainable solution. It will be essential reading for anyone with an interest in sustainable urban development.

Rethinking Technology William W. Braham 2006-12-05 This essential reference for all students of architecture, design and the built environment provides a convenient single source for all the key texts in the recent literature on architecture and technology. The book contains over fifty carefully selected essays, manifestoes, reflections and theories by architects and architectural writers from 1900 to 2004. This mapping out of a century of architectural technology reveals the discipline's long and close attention to the experience and effects of new technologies, and provides a broad picture of the shift from the 'age of tools' to the 'age of systems'. Chronological arrangement and cross-referencing of the articles enable both a thematic and historically contextual understanding of the topic and highlight important thematic connections across time. With the ever increasing pace of technological change, this Reader presents a clear understanding of the context in which it has and does affect architecture.

Dense + Green Thomas Schröpfer 2015-12-14 The integration of nature in architecture is a key concern of sustainability. However, all too often sustainable design is reduced to improving the energetic performance of buildings and the ornamental application of natural green. *Dense + Green* explores new architectural typologies that emerge from the integration of green components such as sky terraces, vertical parks and green facades, in high-density buildings. The book describes green strategies in a comparison across different design tasks and climate conditions. In-depth case studies on the most relevant building types,

consistently presented with analytical drawings made exclusively for this book, are complemented by expert essays that demonstrate the current paradigm shift in the sustainable urban environment. From the Contents:

- *Dense + Green Building Types*, by Thomas Schröpfer, architect, Singapore University of Technology and Design
- *Dense + Green Building Technology*, by Atelier Ten, environmental design consultants and building services engineers, New York, NY
- *Dense + Green Landscape Design*, by Herbert Dreiseitl, landscape architect, Atelier Dreiseitl/Rambøll Liveable Cities Lab, Überlingen/Singapore/Portland, OR
- *Dense + Green Botanical Design*, by Jean Yong, plant ecophysiologicalist, Singapore University of Technology and Design
- *Dense + Green Urbanism*, by Kees Christiaanse, urban planner, ETH Zurich

• 25 in-depth case studies from Europe, Asia and the USA

- *Practice Reports* by Foster + Partners, WOHA, Ken Yeang, MVRDV and others

Environmentally Friendly Cities Eduardo Maldonado 2014-11-19 The 15th Passive and Low Energy Architecture (PLEA) conference considered the issues of sustainability and environmental friendliness at the city scale. Some 150 papers address the many and varied questions faced by architects and planners in reducing the impact on the environment of cities and their buildings.

Dimensions of Sustainability Andrew Scott, MIT 2003-09-02 This illustrated book gives a comprehensive view of _ contemporary ideas, innovations and emerging attitudes to sustainability that emanated from the MIT symposium. 16 leading contributors with demonstrable track records in architectural practice, engineering and academia give their insights into the way we need to think about architecture in the future in order to work with the environment - instead of against it. Supported by details that relate to specific design or research projects, they clearly suggest a variety of potential directions to follow to bring environmentalism into the mainstream of architectural discourse. The edited summary of twelve key presentations at an International Design Symposium held at MIT. This book presents an important collection of contributions from key designers with a track record in the field of environmentally conscious buildings. Their contributions respond to a

need for a more holistic view on environmentalism, focusing on cultural and social levels as well as technical issues to broaden the debate on sustainable architecture. This book will appeal to a wide range of professionals in the built environment, increasingly concerned with sustainable design.

Rethinking the Skyscraper Robert Powell 1999 A preview of the twenty-first-century city dweller's world is seen in the work of an architect whose visionary approach to skyscraper design sets new standards for high-rise construction.

EcoMasterplanning Ken Yeang 2009-05-26 In planning for a sustainable future for our planet, it is vital that we achieve a seamless and benign biointegration of all human interventions in the natural environment. Finding green design solutions for our built environment must start from the wider scale of regional and urban planning and must then be carried right through to infrastructural engineering, architecture and industrial design. Masterplanning affords the chance to redress current environmental imbalances and to reduce the consequences of our built systems on the environment, with the greater and of reversing climate change. Ecomasterplanning presents a groundbreaking integrative and comprehensive approach to masterplanning, illustrated by examples that Ken Yeang - the original pioneer of the 'green skyscraper' - has designed in a highly visually driven format, the book examines over 20 of his masterplans from around the world, including those in the Netherlands, china, India, Turkey, Malaysia, Singapore and North America.

The Concise New Makers of Modern Culture Justin Wintle 2008-11-28 A Who's Who of Western culture, from Woody Allen to Emile Zola... Containing four hundred essay-style entries, and covering the period from 1850 to the present, The Concise New Makers of Modern Culture includes artists, writers, dramatists, architects, philosophers, anthropologists, scientists, sociologists, major political figures, composers, film-makers and many other culturally significant individuals and is thoroughly international in its purview. Next to Karl Marx is Bob Marley, with John Ruskin is Salman Rushdie, alongside Darwin is Luigi

Dallapiccola, Deng Xiaoping rubs shoulders with Jacques Derrida as do Julia Kristeva and Kropotkin. With its global reach, The Concise New Makers of Modern Culture provides a multi-voiced witness of the contemporary thinking world. The entries carry short bibliographies and there is thorough cross-referencing as well as an index of names and key terms.

Transnational Buildings in Local Environments Luciana Melchert Saguas Presas 2017-11-22 By focusing on the skyscraping transnational building, this book bridges two key debates on the transformation and emerging problems besetting major cities - globalization and ecological and sustainable building design. While such structures tend to be constructed and/or used by transnational companies and are generally viewed as emblems of a 'global city', they nevertheless impact seriously on their local environment, posing numerous environmental burdens on it. By examining office blocks held by multinational firms in Amsterdam, São Paulo and Beijing, the book analyses how transnational buildings might be made sustainable. It compares and contrasts the different social mechanisms that are, or may be, in place and how sustainable building practices that are being activated in certain locations could be adopted elsewhere.

Sustainable High Rise Buildings in Urban Zones Ali Sayigh 2016-12-08 This unique reference gathers numerous new studies examining specific, prominent high-rise buildings around the world. Each nuanced study included undertakes the following pivotal considerations: environmental impacts; safety & social acceptability; energy consumption and comfort; planning contexts within the urban zone; physical footprint and size; services and risks; and a careful assessment of advantages and challenges. Architects and engineers exploring and optimizing sustainable building practices, energy managers, municipal and private project planners, as well as students will find edification and inspiration in the analysis provided by esteemed practitioners and professors within this fascinating volume.

Low Carbon Cities Steffen Lehmann 2014-09-15 Low Carbon Cities is a book for practitioners, students and scholars in architecture, urban

planning and design. It features essays on ecologically sustainable cities by leading exponents of urban sustainability, case studies of the new directions low carbon cities might take and investigations of how we can mitigate urban heat stress in our cities' microclimates. The book explores the underlying dimensions of how existing cities can be transformed into low carbon urban systems and describes the design of low carbon cities in theory and practice. It considers the connections between low carbon cities and sustainable design, social and individual values, public space, housing affordability, public transport and urban microclimates. Given the rapid urbanisation underway globally, and the need for all our cities to operate more sustainably, we need to think about how spatial planning and design can help transform urban systems to create low carbon cities, and this book provides key insights.

Green Walls in High-Rise Buildings Antony Wood, Payam Bahrami & Daniel Safarik 2014-08-29 The Council on Tall Buildings and Urban Habitat has produced four Technical Guides to date, since the series launched in late 2012. Each of these guides is the product of a CTBUH Working Group—committees formed specifically to address focused topical subjects in the industry. The intention of each guide is the same—to provide working knowledge to the typical building owner or professional who wants a better understanding of available options for improving tall buildings, and what affects their design. The object of the series is to provide a tool-kit for the creation of better-performing tall buildings, and to spread the understanding of the considerations that need to be made in designing tall. This technical guide offers an extensive overview of the use of vertical vegetation in high-rise buildings, an indepth analysis of green walls, definitions and typology, including standards, policies and incentives. It features comprehensive case studies, along with architectural theories of the public and private benefits of green walls. The book delves into architect-design considerations and limitations, the effects of green walls on energy efficiencies and includes recommendations and future research.

Tall Buildings

exlibris Giovanni Corbellini 2022-05-18 Architects write a lot, especially

now when conceptual aspects have become central in the advanced reflections and narrative forms increasingly intersect the quest of design practices far an ultimate legitimation. In the growing mass of the publishing offer, these keywords try to highlight recurrent issues, tracking synthetic paths of orientation between different critical positions, with particular attention to what happens in the neighbouring fields of the arts and sciences.

The Skyscraper Bioclimatically Considered Ken Yeang 1996 An innovative study of this building type.

Architecture and Identity Chris Abel 2012-10-02 'Instead of tuning the consumer to the machine we can now tune the machine to the consumer' This edited collection of essays, now in its second edition, brings together the author's key writings on the cultural, technological and theoretical developments reshaping Modern architecture into a responsive and diverse movement for the twenty-first century. Chris Abel approaches his subject from a wide range of knowledge, including cybernetics, philosophy, new human science and development planning, as well as his experience as a teacher and critic on four continents. The result is a unique global perspective on the changing nature of Modern architecture at the turn of the millennium. Including two new chapters, this revised and expanded second edition offers radical insights into such topics as: the impact of information technology on customized architecture production; the relations between tradition and innovation; prospects for a global eco-culture, and the local and global forces shaping the architecture and cities of Asia. Chris Abel is an architectural writer and educator, based in Malta. He has taught at major universities in the UK, North and South America, Southeast Asia and the Middle East and is a contributor to numerous international journals and other publications. He currently holds visiting appointments at the University of Malta and the University of the Philippines.

High-Rise Urban Form and Microclimate Feng Yang 2019-12-11 The book comprehensively investigates the relationship between critical urban form and fabric parameters and urban microclimate in the high-rise urban environment that prevails in Asian megacities such as

Shanghai. It helps readers gain a deeper understanding of climate-responsive urban design strategies and tactics for effectively mitigating the negative impacts of deteriorating urban thermal environments on pedestrian thermal comfort, outdoor air quality and building energy consumption. It also reviews the latest advances in urban climate research, with a focus on the challenges in terms of outdoor space comfort, health, and livability posed by the high-rise and high-density development in emerging Asian megacities, and proposes an integrated framework in response to the pressing need for microclimate research. It then presents a series of studies on high-rise residential and non-residential urban neighborhoods and districts based on instrumented field study, validated numerical simulation, and spatial analysis using a GIS platform. The book includes extensive, valuable experimental data presented in a clear and concise manner. The thermal atlas methodology based on empirical modeling and spatial analysis described is a useful climate-responsive design tool for both urban designer and architects. As such, the book is of particular interest to researchers, professionals, and graduate students in the fields of urban planning and design, building science and urban climatology.

The Bioclimatic Skyscraper Ryan Mygal 2000

The Routledge Companion to Biology in Art and Architecture Charissa N. Terranova 2016-08-12 The Routledge Companion to Biology in Art and Architecture collects thirty essays from a transdisciplinary array of experts on biology in art and architecture. The book presents a diversity of hybrid art-and-science thinking, revealing how science and culture are interwoven. The book situates bioart and bioarchitecture within an expanded field of biology in art, architecture, and design. It proposes an emergent field of biocreativity and outlines its historical and theoretical foundations from the perspective of artists, architects, designers, scientists, historians, and theoreticians. Includes over 150 black and white images.

How Designers Think Bryan Lawson 2006-08-11 How Designers Think is based on Bryan Lawson's many observations of designers at work, interviews with designers and their clients and collaborators. This

extended work is the culmination of forty years' research and shows the belief that we all can, and do, design, and that we can learn to design better. The creative mind continues to have the power to surprise and this book aims to nurture and extend this creativity. Neither the earlier editions, nor this book, are intended as authoritative prescriptions of how designers should think but provide helpful advice on how to develop an understanding of design. In this fourth edition, Bryan Lawson continues to try and understand how designers think, to explore how they might be better educated and to develop techniques to assist them in their task. Some chapters have been revised and three completely new chapters added. The book is now intended to be read in conjunction with What Designers Know which is a companion volume. Some of the ideas previously discussed in the third edition of How Designers Think are now explored more thoroughly in What Designers Know. For the first time this fourth edition works towards a model of designing and the skills that collectively constitute the design process.

From Bauhaus to Ecohouse Peder Anker 2010-01-01 Global warming and concerns about sustainability recently have pushed ecological design to the forefront of architectural study and debate. As Peder Anker explains in From Bauhaus to Ecohouse, despite claims of novelty, debates about environmentally sensitive architecture have been ongoing for nearly a century. By exploring key moments of inspiration between designers and ecologists from the Bauhaus projects of the interwar period to the eco-arks of the 1980s, Anker traces the historical intersection of architecture and ecological science and assesses how both remain intertwined philosophically and pragmatically within the still-evolving field of ecological design. The idea that science could improve human life attracted architects and designers who looked to the science of ecology to better their methodologies. Walter Gropius, the founder of the Bauhaus school, taught that designed form should follow the laws of nature in order to function effectively. With the Bauhaus movement, ecology and design merged and laid the foundation of modernist architecture. Anker discusses in detail how the former faculty members of the Bauhaus school -- including László Maholy-Nagy and Herbert

Bayer -- left Nazi Germany in the mid-1930s and engaged with ecologists during their "London period" and in the U.S. A subsequent generation of students and admirers of Bauhaus, such as Richard Buckminster Fuller and Ian McHarg, picked up their program, and -- under the general banner of merging art and science in the design process -- Bauhaus-minded architects began to think ecologically while some ecologists lent their ideas to design. Anker charts complicated currents of ecological design thought spanning pre-- and post--World War II and through the cold war, including pivotal changes such as the emergence of space exploration and new theories on closed-system living in space capsules, space stations, and planetary colonies. Space ecology, Anker explains, inspired leading landscape designers of the 1970s, who used the imagined life of astronauts as a model for how humans should live in harmony with nature. Theories of how to design for extraterrestrial living impacted design and ecological thinking for earth-based living as well, as evidenced in Disney's Spaceship Earth attraction as well as in the Biosphere 2 experiments in Arizona in the early 1990s. Illuminating important connections between theories about the relationship between humans and the built environment, Anker's provocative study provides new insight into a critical period in the evolution of environmental awareness.

Reinventing the Skyscraper Ken Yeang 2002 Underlying Yeang's projects is a programme of research that focuses on the design of the skyscraper, a design that derives from the recognized importance that climate has on finding energy-efficient resources.

Skyscraper for the XXI Century Carlo Aiello 2008-01-01 This book presents the best 60 projects of the 2006, 2007, and 2008 Skyscraper Competition. An investigation by architects, students, and designers on the future of the skyscraper. What is the skyscraper in the beginning of the XXI Century? What is the historical and social context of these mega-structures? What is their response towards the urban fabric? Is the modern skyscraper a city in and of itself? Is the human scale lost? Talented architects have entered these competitions to explore, re-think, and speculate on this fascinating architectural genre. Each project

includes a full description by the author as well as several illustrations and drawings. In addition, reknown architects were invited to present their thoughts on this fascinating architectural genre.

Sustainable Construction Charles J. Kibert 2022-04-12 SUSTAINABLE CONSTRUCTION DISCOVER THE LATEST EDITION OF THE LEADING TEXTBOOK ON SUSTAINABLE CONSTRUCTION AND GREEN BUILDING In the newly revised Fifth Edition of Sustainable Construction: Green Building Design and Delivery, the late Dr. Charles J. Kibert delivers a rigorous overview of the design, construction, and operation of high-performance green buildings. In the leading textbook on sustainable building, the author provides thoroughly updated information on everything from materials selection to building systems. Updated to reflect the latest building codes and standards, including LEED v4.1, the book offers readers coverage of international green building codes and standards, biomimicry, ecological design, focused assessment systems like SITES, EDGE, WELL, and Fitwell, and sustainable construction resilience. Readers will learn to think critically about all aspects of green building and benefit from the inclusion of: A thorough introduction to sustainable construction, including the landscape for green buildings, sustainable development, sustainable design, and the rationale for high-performance green buildings An exploration of the foundations of green buildings, including biomimicry and ecological design, basic concepts and vocabulary, and the green building movement Practical discussions of ecological design, including a historical perspective, contemporary ecological design In-depth examinations of high-performance green building assessment, including focused assessment systems and international building assessment systems Perfect for upper level undergraduate and graduate level students in architecture, architectural technology, civil engineering, and construction management, Sustainable Construction is also an indispensable resource for anyone studying for the LEED Green Associate exam, as well as industry professionals and building owners.

The Skyscraper Bioclimatically Considered Ken Yeang 1996 An innovative study of this building type.

Service Cores Ken Yeang 2000 The Detail in Building series is an essential source of contemporary data covering the key elements of building design that form the vocabulary of current architecture. Previous titles include Staircases, Soft Canopies, Glass Canopies, Columns, Cable Nets and Wind Towers, and a publication on Balconies is currently in preparation. Each is clearly analysed, both historically and in terms of recent examples by key practices around the world. The combination of building context, design aesthetics and technical solution, as revealed in the case studies, is highly informative as well as unique in a field where specific technical quality of design detailing is often insufficiently exposed by the superficial presentation of designs. Service Cores, the seventh title in the series, deals with the internal vertical cores of buildings: the parts that contain the elevators, elevator-shafts, lobbies, staircases, mechanical, electrical and IT riser ducts, toilets and other components necessary both for environmental servicing and to provide access to the building's useable spaces. Initially associated mainly with skyscrapers and science buildings, service cores are becoming equally essential in the design of other highly-serviced building types, from laboratories and high-tech buildings to hotels, shopping malls and stadiums. The author discusses the historical treatment and development of service cores, and provides an outline guide to the considerations required in their design. This is supported by a series of case studies, featuring mainly skyscraper buildings from all over the world by a range of architects of international renown.

Building the Skyline Jason M. Barr 2016 Manhattan's natural history -- Mannahatta to Manhattan: settlement to grid plan -- Land use before the Civil War -- The tenements and the skyline -- The economics of skyscraper height -- Measuring the skyline -- The bedrock myth -- The birth of Midtown -- Edifice complex? The cause of the 1920s building boom -- What's Manhattan worth? 150 years of land values

Bioclimatic Skyscrapers Ken Yeang 1994

Taking Shape: A New Contract Between Architecture and Nature

Susannah Hagan 2007-08-22 'Taking Shape' explores the evolution of scientific and academic theories that have resulted in the concept of

sustainability. Susannah Hagan uses this as a basis to argue for developments in the future and argues that these theories are not 'just an intellectual and aesthetic regression' as they are often perceived to be. By focusing on the impact of the new theories of sustainable technology and new materials in architecture, Hagan moves the discourse and practice of environmental sustainability within architecture towards a greater degree of awareness of both its cultural significance and cultural potential. In short, it demonstrates the capacity of sustainable architecture to embrace cultural and technical innovation. *Big and Green* David Gissen 2002 More than a century after its inception, the skyscraper has finally come of age. Though it has long been lampooned as a venal and inhospitable guzzler of resources, a revolutionary new school of skyscraper design has refashioned the idiom with buildings that are sensitive to their environments, benevolent to their occupants, and economically viable to build and maintain. Designed by some of the best-known architects in the world, these towers are as daring aesthetically as they are innovative environmentally. *Big and Green* is the first book to examine the sustainable skyscraper, its history, the technologies that make it possible, and its role in the future of urban development. The book examines more than 40 of the most important recent sustainable skyscrapers-including Fox & Fowle's Reuters Buildings in New York, Norman Foster's Commerzbank in Frankfurt, and MVRDV's spectacular Dutch Pavilion from Expo 2000 in Hanover-with project descriptions, photographs, and detailed drawings. Interviews with such leaders in the field as Sir Richard Rogers, William McDonough, and Kenneth Yeang are also included.

The Environmental Performance of Tall Buildings Joana Carla Soares Gonçalves 2010 Tall buildings represent one of the most energy-intensive architectural typologies, while at the same time offering the high density work and living conditions that many believe will an important constituent of future sustainable communities. How, then, can their environmental impact be lessened? This insightful book takes in: an overview of the tall building and its impacts (looking at cityscape, place, mobility, microclimate, energy and economics) design principles and the

development of the sustainable tall building global perspectives (covering North and South America, Europe, the Middle East and Asia) detailed, qualitative case studies of buildings in design and operation the future for sustainable tall buildings. Not simply another showcase for future utopian designs and ideals, the information presented here is based on hard research from operating buildings. Highly illustrated and combining analysis with solid detail for practice, this is essential reading for architects, building engineers, design consultants, retrofitters and urban planners interested in or working with tall buildings, and researchers/students in these disciplines.

Ecoarchitecture Sara Hart 2011-04-04 Ken Yeang is internationally recognised as the leading proponent of ecological design in architecture. In 2008, he was tipped by The Guardian to be one of the '50 people who could save the planet'. He has built over 200 buildings globally and published numerous books advocating an environmentally responsive approach to design. He is probably best known as the inventor of the green skyscraper; it was his innovative idea to incorporate bioclimatic features in a high-density building type. It is for this and his ecological urban design that he has gained a uniquely influential position within architecture. Though he has authored many books about his work and his ideas, this is the first definitive book to cover his forty-year career. Featuring 22 of Yeang's most significant projects, *EcoArchitecture* begins with his earliest work on environmental design, executed as a student at the Architectural Association and then a Phd student at Cambridge in the early 1970s, and with his most recent projects with Llewelyn Davies Yeang in London and TRHY in Kuala Lumpur. A preface by Lord Foster and an introductory essay by Professor John Frazer provide the full context of Yeang's thinking. The main text by contributing editor of *Architectural Record*, Sara Hart, and lecturer and freelance author, David Littlefield, provide some critical reflection on the development of his work.

Building Hong Kong Wah Sang Wong 2000-07-01 In the 1999 Policy Address by Hong Kong's Chief Executive, Mr Tung Chee-hwa, one major target listed is 'Making Hong Kong an Ideal Home . . . Every citizen,

every business, every government department and bureau need to start working in partnership to achieve what is known as "sustainable development".' This book aims to encourage an ecological approach to design and planning in an effort 'to build Hong Kong into a world-class city'. The book is divided into four parts which focus on various aspects of environmental considerations in architecture. The first part discusses broad issues of environmental planning and sustainability. The second part covers environmental strategies in architectural design. The third part deals with environmental factors and explores how they can be addressed. The last part details the relevant environmental legislation in Hong Kong. This book is intended as both a reference for professionals as well as a textbook for university students.

New Makers of Modern Culture Justin Wintle 2016-04-22 "New Makers of Modern Culture takes into full account the rise and fall of reputation and influence over the last twenty-five years and the epochal changes that have occurred: the demise of Marxism and the collapse of the Soviet Union; the rise and fall of postmodernism; the eruption of Islamic fundamentalism; the triumph of the Internet. Containing over eight hundred essay-style entries, and covering the period from 1850 to the present, *New Makers* includes artists, writers, dramatists, architects, philosophers, anthropologists, scientists, sociologists, major political figures, composers, film-makers and many other culturally significant individuals and is thoroughly international in its purview. With its global reach, *New Makers of Modern Culture* provides a multi-voiced witness of the contemporary thinking world. The entries carry short bibliographies and there is thorough cross-referencing. There is an index of names and key terms."--Publisher's description

The City in Southeast Asia Peter James Rimmer 2009 The extended metropolitan regions of Southeast Asia are the dynamic cores of their national economies and societies and the frontiers of accelerating globalization. This title explores ways of moving beyond outmoded paradigms of the Third World City or a Southeast Asian city 'type'.

The Routledge Companion to Ecological Design Thinking Mitra Kanaani 2022-08-30 This companion investigates the ways in which

designers, architects, and planners address ecology through the built environment by integrating ecological ideas and ecological thinking into discussions of urbanism, society, culture, and design. Exploring the innovation of materials, habitats, landscapes, and infrastructures, it furthers novel ecotopian ideas and ways of living, including human-made settings on water, in outer space, and in extreme environments and climatic conditions. Chapters of this extensive collection on ecotopian design are grouped under five different ecological perspectives: design manifestos and ecological theories, anthropocentric transformative design concepts, design connectivity, climatic design, and social design. Contributors provide plausible, sustainable design ideas that promote resiliency, health, and well-being for all living things, while taking our changing lifestyles into consideration. This volume encourages creative thinking in the face of ongoing environmental damage, with a view to making design decisions in the interest of the planet and its inhabitants. With contributions from over 79 expert practitioners, educators, scientists, researchers, and theoreticians, as well as planners, architects, and engineers from the U.S., Canada, Europe, and Asia, this book engages theory, history, technology, engineering, and science, as well as the human aspects of ecotopian design thinking and its implications for the outlook of the planet.

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