

# Designing High Density Cities For Social And Environmental Sustainability

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## **Cities Full of Space** - Rudy Uytenhaak 2008

Cities throughout the world are becoming increasingly inefficient in their management of the space available to them. Personal land use is also increasing dramatically; in the Netherlands for instance, this is now twelve times what it was a century ago. And this development is expected to continue worldwide. We must build in higher densities in the cities if the landscape is not to be swallowed up by them. It will mean coaxing people into moving into these compact cities, which will only work if they have an aggregate of cultural and spatial qualities on offer. In his architectural practice and as a professor at Delft University of Technology, Rudy Uytenhaak conducted a study into the densities of the built environment and into ways of offering sufficient spatial compensation for the achieved density. His research led him to formulate a number of specific measures and proposals. Cities Full of Space describes the results of this study and features a great many projects illustrating the quest for ideal plans and sections in residential buildings. Uytenhaak draws on examples from his own work as well as from that of

other architects.

## **Urban Schools** - Helen Taylor 2020-01-02

When space is tight how can a city provide the best education experience for children? Is a multi-storey school really a poor option? Can high-quality play opportunities be provided without playgrounds? This book explores the design of schools in urban settings, the increased challenges in meeting the typical expectations of school design, and what the successful new typology of a school in a city might be. A practical guide as well as a theoretical exploration of ideas, this book outlines successful international contemporary and historical case studies, providing much-needed guidance for architects and others working in education design in dense urban environments.

## **Designing High-density Cities for Social and Environmental Sustainability** - 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.

*Towns and Cities: Function in Form* - Mr Julian Hart 2015-09-28

Challenging existing assumptions about how our towns and cities are structured and formed, Julian Hart provides an engaging and thought-provoking alternative theory of urban design. This is not urban design in the sense of the practice of design; rather it is a theory of the form of the town at all scales - why towns and cities happen to be structured the way they are as a result of the social, political, legal and (especially) economic forces that create them. The shape of the city at every scale, from the internal configuration of dwellings all the way up to the superstructure of the whole city, can be seen to arise from the interplay between three antagonistic socio-economic tensions. In going about our daily business and in championing particular political objectives, we collectively fashion our cities in terms of their structure and form. This leads to various new ways of understanding how and why our cities so happen to be configured the way they are. The book makes a step change from any other comparable studies by understanding our towns and cities in terms of function in form. This helps us to appreciate why every town is a recognisable town, wherever it is. Different urban environments in different parts of the world, past and present, can come to be seen according to their similarities instead of their differences. Furthermore, by appreciating how the economic influences of everyday life structure our towns and cities, we can in turn begin to understand

better how the shape of towns and cities affects the quality of life of inhabitants and the cohesiveness of communities. In covering all scales from inside the home to macrostructure of the city, the book encapsulates urban design through to town planning and does not seek to distinguish between the various design disciplines.

**Dense and Green Building Typologies** - Thomas Schröpfer 2018-07-20

In this book, academics, policy makers, developers, architects and landscape architects provide a systematic review of the environmental, social, economic and design benefits of dense and green building types in high-density urban contexts and discuss how these can support higher population densities, higher standards of environmental sustainability and enhanced live ability in future cities.

**Urban Landscapes in High-Density Cities** - Bianca Maria Rinaldi 2019-06-04

The positive effects of urban green spaces are well-known, ranging from the promotion of health, support of biodiversity to climate regulation. However, the practical implementation of urban landscapes is less discussed. How can we make these spaces functional, economically feasible and inclusive, especially as cities become more diverse? The publication explores strategies to reconcile the various demands, such as food production, resilience and nature conservation. Indeed, urban landscapes have to be restorative, ecological and aesthetically pleasing at the same time. This is a particular challenge in high-density cities like Singapore, Seoul or New York where space is a scarce commodity. The continuing growth of the worldwide urban population imbues the topic with a special urgency.

Cities for People - Jan Gehl 2013-03-05

For more than forty years Jan Gehl has helped to transform urban environments around the world based on his research into the ways people actually use—or could use—the spaces where they live and work. In this revolutionary book, Gehl presents his latest work creating (or recreating) cityscapes on a human scale. He clearly explains the methods and tools he uses to reconfigure unworkable cityscapes into the landscapes he believes they should be: cities for people. Taking into

account changing demographics and changing lifestyles, Gehl emphasizes four human issues that he sees as essential to successful city planning. He explains how to develop cities that are Lively, Safe, Sustainable, and Healthy. Focusing on these issues leads Gehl to think of even the largest city on a very small scale. For Gehl, the urban landscape must be considered through the five human senses and experienced at the speed of walking rather than at the speed of riding in a car or bus or train. This small-scale view, he argues, is too frequently neglected in contemporary projects. In a final chapter, Gehl makes a plea for city planning on a human scale in the fast-growing cities of developing countries. A "Toolbox," presenting key principles, overviews of methods, and keyword lists, concludes the book. The book is extensively illustrated with over 700 photos and drawings of examples from Gehl's work around the globe.

*Designing Healthy Cities* - Joseph Aicher 1998

This work provides a framework for examining how planning and design professionals may promote human health and reduce the burden of disease and disability. Planners, architects and politicians should be able to consider the full health impact of their decisions, while professionals, decision makers and community activists may evaluate specific design issues and develop a set of working guidelines most appropriate for the unique community being examined.

**Designing High-Density Cities** - Edward Ng 2015-11-26

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.

Netzstadt - Franz Oswald 2003

"Netzstadt stands for a model. It facilitates the differentiated portrayal of an urban development which has characterized cities and landscapes since the middle of the twentieth century. The model's foundation is the elucidation of criteria of durability and urbanity. Netzstadt stands for a transdisciplinary method by means of which urbanity can be analyzed and evaluated morphologically and physiologically, and redesigned in a process of modernization. Modernization means initiating an intelligent process in a democratic society in order to adapt the 'urban cultural landscape' to the needs of the future. Netzstadt is the title of a text book on designing cities. It addresses students and practitioners in the fields of city planning and city construction, in architecture, engineering and the natural sciences and the social sciences and economics"--Back cover.

**Soft City** - David Sim 2019-08-20

Imagine waking up to the gentle noises of the city, and moving through your day with complete confidence that you will get where you need to go quickly and efficiently. Soft City is about ease and comfort, where density has a human dimension, adapting to our ever-changing needs, nurturing relationships, and accommodating the pleasures of everyday life. How do we move from the current reality in most cities—separated uses and lengthy commutes in single-occupancy vehicles that drain human, environmental, and community resources—to support a soft city approach? In Soft City David Sim, partner and creative director at Gehl, shows how this is possible, presenting ideas and graphic examples from around the globe. He draws from his vast design experience to make a case for a dense and diverse built environment at a human scale, which he presents through a series of observations of older and newer places, and a range of simple built phenomena, some traditional and some totally new inventions. Sim shows that increasing density is not enough. The soft city must consider the organization and layout of the built

environment for more fluid movement and comfort, a diversity of building types, and thoughtful design to ensure a sustainable urban environment and society. *Soft City* begins with the big ideas of happiness and quality of life, and then shows how they are tied to the way we live. The heart of the book is highly visual and shows the building blocks for neighborhoods: building types and their organization and orientation; how we can get along as we get around a city; and living with the weather. As every citizen deals with the reality of a changing climate, *Soft City* explores how the built environment can adapt and respond. *Soft City* offers inspiration, ideas, and guidance for anyone interested in city building. Sim shows how to make any city more efficient, more livable, and better connected to the environment.

Re-Framing Urban Space - Im Sik Cho 2015-10-23

*Re-framing Urban Space: Urban Design for Emerging Hybrid and High-Density Conditions* rethinks the role and meaning of urban spaces through current trends and challenges in urban development. In emerging dense, hybrid, complex and dynamic urban conditions, public urban space is not only a precious and contested commodity, but also one of the key vehicles for achieving socially, environmentally and economically sustainable urban living. Past research has been predominantly focused on familiar models of urban space, such as squares, plazas, streets, parks and arcades, without consistent and clear rules on what constitutes good urban space, let alone what constitutes good urban space in 'high-density context'. Through an innovative and integrative research framework, *Re-Framing Urban Space* guides the assessment, planning, design and re-design of urban spaces at various stages of the decision-making process, facilitating an understanding of how enduring qualities are expressed and negotiated through design measures in high-density urban environments. This book explores over 50 best practice case studies of recent urban design projects in high-density contexts, including Singapore, Beijing, Tokyo, New York, and Rotterdam. Visually compelling and insightful, *Re-Framing Urban Space* provides a comprehensive and accessible means to understand the critical properties that shape new urban spaces, illustrating key design

components and principles. An invaluable guide to the stages of urban design, planning, policy and decision making, this book is essential reading for urban design and planning professionals, academics and students interested in public spaces within high-density urban development.

Visualizing Density - Julie Campoli 2007

Accompanying CD-ROM contains ... "the images in the Density Catalog to facilitate their noncommercial use in public discussions and education programs."--Page vii.

Urban Wind Environment - Chao Yuan 2018-02-23

In the context of urbanization and compact urban living, conventional experience-based planning and design often cannot adequately address the serious environmental issues, such as thermal comfort and air quality. The ultimate goal of this book is to facilitate a paradigm shift from the conventional experience-based ways to a more scientific, evidence-based process of decision making in both urban planning and architectural design stage. This book introduces novel yet practical modelling and mapping methods, and provides scientific understandings of the urban typologies and wind environment from the urban to building scale through real examples and case studies. The tools provided in this book aid a systematic implementation of environmental information from urban planning to building design by making wind information more accessible to both urban planners and architects, and significantly increasing the impact of urban climate information on the practical urban planning and design. This book is a useful reference book to architectural postgraduates, design practitioners and planners, urban climate researchers, as well as policy makers for developing future livable and sustainable cities.

**High-Density and De-Densified Smart Campus Communications** - Daniel Minoli 2022-01-06

*High-Density and De-Densified Smart Campus Communications Design*, deliver, and implement high-density communications solutions High-density campus communications are critical in the operation of densely populated airports, stadiums, convention centers, shopping malls,

classrooms, hospitals, dense smart cities, and more. They also drive Smart City and Smart Building use cases as High-Density Communications (HDC) become recognized as an essential fourth utility. However, the unique requirements and designs demanded by HDC make implementation challenging. In *High-Density and De-Densified Smart Campus Communications: Technologies, Integration, Implementation and Applications*, a team of experienced technology strategists delivers a one-of-a-kind treatment of the requirements, technologies, designs, solutions, and trends associated with HDC. From the functional requirements for HDC and emerging data/Wi-Fi 6/internet access/5G cellular/OTT video, and IoT automation—including pandemic-related de-densification—to the economics of broad deployment of HDC, this book includes coverage of every major issue faced by the professionals responsible for the design, installation, and maintenance of high-density communication networks. It also includes: A thorough introduction to traditional and emerging voice/cellular design for campus applications, including the Distributed Antenna System (DAS) Comprehensive explorations of traditional sensor networks and Internet of Things services approaches Practical discussions of high-density Wi-Fi hotspot connectivity and related technologies, like Wi-Fi 5, Wi-Fi 6, spectrum, IoT, VoWiFi, DASs, microcells issues, and 5G versus Wi-Fi issues In-depth examinations of de-densification, office social distancing, and Ultra-Wideband (UWB) technologies Perfect for telecommunication researchers and engineers, networking professionals, technology planners, campus administrators, and equipment vendors, *High-Density Smart Campus Communications* will also earn a place in the libraries of senior undergraduate and graduate students in applied communications technologies.

**Tropical Sustainable Architecture** - Joo Hwa Bay 2007-03-14

The tropical belt - where large areas of South East Asia, India, Africa and parts of both North and South America are located - forms the biggest landmass in the world and has one of the highest numbers of rapidly developing cities. Coincidentally, architecture in these regions shares common problems, the most easily identifiable being the tropical conditions of climate and natural environment. The context for

architecture here is fraught with conflicts between tradition and modernization, massive influx of rural poor into urban areas, poorly managed rapid urban development as well as the cultural and social strain of globalization. Many local and overseas architects, planners and city fathers are interested in the social and environmental dimensions of these areas that contribute towards short terms solutions and long term sustainable developments. This book, developed from the first conference of the International Network for Tropical Architecture, supplies a wealth of information from experts worldwide covering the cultural, environmental and technical aspects of thinking, researching and designing for the tropics.

**The Vertical City** - K. Al-Kodmany 2018-06-25

Each century has its own unique approach toward addressing the problem of high density and the 21st century is no exception. As cities try to cope with rapid population growth - adding 2.5 billion dwellers by 2050 - and grapple with destructive sprawl, politicians, planners and architects have become increasingly interested in the vertical city paradigm. Unfortunately, cities all over the world are grossly unprepared for integrating tall buildings, as these buildings may aggravate multidimensional sustainability challenges resulting in a “vertical sprawl” that could have worse consequences than “horizontal” sprawl. By using extensive data and numerous illustrations this book provides a comprehensive guide to the successful and sustainable integration of tall buildings into cities. A new crop of skyscrapers that employ passive design strategies, green technologies, energy-saving systems and innovative renewable energy offers significant architectural improvements. At the urban scale, the book argues that planners must integrate tall buildings with efficient mass transit, walkable neighbourhoods, cycling networks, vibrant mixed-use activities, iconic transit stations, attractive plazas, well-landscaped streets, spacious parks and engaging public art. Particularly, it proposes the Tall Building and Transit Oriented Development (TB-TOD) model as one of the sustainable options for large cities going forward. Building on the work of leaders in the fields of ecological and sustainable design, this book will open

readers' eyes to a wider range of possibilities for utilizing green, resilient, smart, and sustainable features in architecture and urban planning projects. The 20 chapters offer comprehensive reading for all those interested in the planning, design, and construction of sustainable cities.

**Designing Sustainable Cities** - Rachel Cooper 2009-11-24

This book offers practical solutions to achieving sustainable urban design and development, and helps designers communicate these solutions effectively to planners, developers and policy makers. Addressing sustainability issues in relation to the design and planning of the urban environment is a complex, multi-disciplinary issue and solutions never arrive from a single perspective. The authors use design as a facilitating factor to consider when and by whom decisions that contribute to sustainability are made, and through three major city-centre case studies - London, Manchester and Sheffield - they consider social, environmental and economic factors and examine their relationship to the decision-making process. *Designing Sustainable Cities* begins by identifying the key processes and lead decision-makers. The following chapters develop an understanding of the dimensions of sustainability, presenting the tools by which the dimensions can be analysed. Later chapters illustrate the trade-offs and the relationships between the dimensions of sustainability - with case study examples - as well as the use of IT in making design decisions. Finally, the book makes recommendations for future approaches to the design, development and on-going management of urban environments. *Designing Sustainable Cities* covers: latest research data on the urban environment and the interaction between social, economic and environmental issues; methods of understanding the context in which urban design takes place; guidance on the codes of practice; process maps to help understand the context, make trade-offs and develop design solutions that allow for change; methods for testing the consequences of design proposals and monitoring outcomes.

**Future Forms and Design for Sustainable Cities** - Michael Jenks 2005

No further information has been provided for this title.

**Dense + Green Cities** - Thomas Schröpfer 2020-01-20

In which ways does a "green building" contribute to the ecology of its surroundings? And how can ecologically designed urban districts, with their green and blue networks, link up with the elements and technologies of building design? All dimensions of "green building" are investigated in this book in an effort to understand and evaluate some of the most recent and innovative Dense+Green Cities in Asia, the Americas and Europe.

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 eco-physiologist, 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

**Designing Child-Friendly High Density Neighbourhoods** - Natalia

Krysiak 2020-05

Given the significant benefits of play on children's health, wellbeing and happiness, the design of a new residential community should begin with the question: How can we provide the youngest residents with opportunities to freely play outdoors, walk independently, and feel a sense of belonging and ownership within their communities? This publication, funded by the Winston Churchill Memorial Trust, explores various design interventions and policies from around the world, which aim to improve liveability for children and their families living in urban environments.

**Seven Rules for Sustainable Communities** - Patrick M. Condon

2012-02-13

Questions of how to green the North American economy, create a green energy and transportation infrastructure, and halt the deadly increase in greenhouse gas buildup dominate our daily news. Related questions of how the design of cities can impact these challenges dominate the thoughts of urban planners and designers across the U.S. and Canada. With admirable clarity, Patrick Condon discusses transportation, housing equity, job distribution, economic development, and ecological systems issues and synthesizes his knowledge and research into a simple-to-understand set of urban design rules that can, if followed, help save the planet. No other book so clearly connects the form of our cities to their ecological, economic, and social consequences. No other book takes on this breadth of complex and contentious issues and distills them down to such convincing and practical solutions. And no other book so vividly compares and contrasts the differing experiences of U.S. and Canadian cities. Of particular new importance is how city form affects the production of planet-warming greenhouse gases. The author explains this relationship in an accessible way, and goes on to show how conforming to seven simple rules for community design could literally do a world of good. Each chapter in the book explains one rule in depth, adding a wealth of research to support each claim. If widely used, Condon argues, these rules would lead to a much more livable world for future generations—a world that is not unlike the better parts of our own.

*Order without Design* - Alain Bertaud 2018-12-04

An argument that operational urban planning can be improved by the application of the tools of urban economics to the design of regulations and infrastructure. Urban planning is a craft learned through practice. Planners make rapid decisions that have an immediate impact on the ground—the width of streets, the minimum size of land parcels, the heights of buildings. The language they use to describe their objectives is qualitative—“sustainable,” “livable,” “resilient”—often with no link to measurable outcomes. Urban economics, on the other hand, is a quantitative science, based on theories, models, and empirical evidence largely developed in academic settings. In this book, the eminent urban planner Alain Bertaud argues that applying the theories of urban economics to the practice of urban planning would greatly improve both the productivity of cities and the welfare of urban citizens. Bertaud explains that markets provide the indispensable mechanism for cities' development. He cites the experience of cities without markets for land or labor in pre-reform China and Russia; this “urban planners' dream” created inefficiencies and waste. Drawing on five decades of urban planning experience in forty cities around the world, Bertaud links cities' productivity to the size of their labor markets; argues that the design of infrastructure and markets can complement each other; examines the spatial distribution of land prices and densities; stresses the importance of mobility and affordability; and critiques the land use regulations in a number of cities that aim at redesigning existing cities instead of just trying to alleviate clear negative externalities. Bertaud concludes by describing the new role that joint teams of urban planners and economists could play to improve the way cities are managed.

Gyn/Ecology - Mary Daly 2016-07-26

This revised edition includes a New Intergalactic Introduction by the Author. Mary Daly's New Intergalactic Introduction explores her process as a Crafty Pirate on the Journey of Writing Gyn/Ecology and reveals the autobiographical context of this "Thunderbolt of Rage" that she first hurled against the patriarchs in 1979 and no hurls again in the Re-Surging Movement of Radical Feminism in the Be-Dazzling Nineties.

The Compact City - Elizabeth Burton 2003-09-02

This book presents the latest thinking on the benefits and dangers of higher density urban living. It offers diverse opinions and research, from a wide range of disciplines, and gives an insight into both the theoretical debate and the practical challenges surrounding the compact city. Essential reading for anyone with an interest in sustainable urban development.

**Southeast False Creek Design Charette Exploring High Density, Sustainable Urban Development** - Dianne Perrier 2000

The Southeast False Creek (SEFC) sustainable neighbourhood planning project is an initiative to redevelop approximately 32 hectares (79 acres) of industrial land on the False Creek waterfront, in the downtown of Vancouver, as a residential neighbourhood for between 8,000 and 10,000 people. SEFC is being designed to embody the principles of sustainable development in a manner appropriate to the scale, location, context, opportunities and constraints of the site. This report summarizes the results of a design charrette partially funded by CMHC, in partnership with the City of Vancouver, held in October 1998, to explore the implications of sustainable guidelines and separate policies proposed for the SEFC, particularly about 19 hectares (47 acres) of city-owned land within the 32 hectare study area. A core principle in the planning of the SEFC is that it should be a transferable model of high-density sustainable urban development. This report includes a brief history of the guideline development, the reasons for holding a charrette, a synopsis of CMHC research that was used, a critique of the effectiveness and value of the charrette. The report also includes drawings done at the charrette itself.

**Designing Cities with Children and Young People** - Kate Bishop 2017-05-25

Designing Cities with Children and Young People focuses on promoting better outcomes in the built environment for children and young people in cities across the world. This book presents the experience of practitioners and researchers who actively advocate for and participate with children and youth in planning and designing urban environments. It aims to cultivate champions for children and young people among

urban development professionals, to ensure that their rights and needs are fully acknowledged and accommodated. With international and interdisciplinary contributors, this book sets out to build bridges and provide resources for policy makers, social planners, design practitioners and students. The content moves from how we conceptualize children in the built environment, what we have discovered through research, how we frame the task and legislate for it, and how we design for and with children. Designing Cities with Children and Young People ultimately aims to bring about change to planning and design policies and practice for the benefit of children and young people in cities everywhere.

The Image of the City - Kevin Lynch 1964-06-15

The classic work on the evaluation of city form. What does the city's form actually mean to the people who live there? What can the city planner do to make the city's image more vivid and memorable to the city dweller? To answer these questions, Mr. Lynch, supported by studies of Los Angeles, Boston, and Jersey City, formulates a new criterion—imageability—and shows its potential value as a guide for the building and rebuilding of cities. The wide scope of this study leads to an original and vital method for the evaluation of city form. The architect, the planner, and certainly the city dweller will all want to read this book.

**The Value of Urban Design** - Great Britain. Commission for Architecture and the Built Environment 2001

Good urban design offers strong competitive advantages and does not necessarily cost more to deliver. This ground-breaking report examines the way in which superior urban design adds value by increasing the economic viability of development and by delivering social and environmental benefits.

*Creative Ageing Cities* - Keng Hua Chong 2018-01-29

Ageing population and rapid urbanisation are the two major demographic shifts in today's world. Architectural designs and urban policies have to deal with issues of an ever larger elderly population living in the cities, especially in old urban neighbourhoods, while also taking into consideration the evolving lifestyles and wellbeing of the diverse elderly demographic. Being able to continue living in these

existing urban neighbourhoods would thus require necessary interventions, both to adapt the changing needs of the ageing population and to improve the deteriorating environment for better liveability. Creative Ageing Cities discusses the participation and contribution of the ageing population as a positive and creative force towards urban design and place-making, particularly in high-density urban contexts, as observed in a collection of empirical cases found in rapidly ageing Asian cities. This book is the first to bring together multidisciplinary scholastic research on ageing and urban issues from across top six ageing cities in Asia: Singapore, Seoul, Tokyo, Taipei, Hong Kong, and Shanghai. Through these case studies, this book gives a good overview of diverse challenges and opportunities in the various Asian urban contexts and offers a new perspective of an ageing and urban design framework that emphasises multi-stakeholder collaboration, inter-generational relations and the collective wisdom of older people as a source of creativity. *An Elevated Recreation Open Space System in High Density Cities* - Renee Wai-Hai Cheng 1981

**Cities by Design** - Fran Tonkiss 2014-01-21

Who makes our cities, and what part do everyday users have in the design of cities? This book powerfully shows that city-making is a social process and examines the close relationship between the social and physical shaping of urban environments. With cities taking a growing share of the global population, urban forms and urban experience are crucial for understanding social injustice, economic inequality and environmental challenges. Current processes of urbanization too often contribute to intensifying these problems; cities, likewise, will be central to the solutions to such problems. Focusing on a range of cities in developed and developing contexts, *Cities by Design* highlights major aspects of contemporary urbanization: urban growth, density and sustainability; inequality, segregation and diversity; informality, environment and infrastructure. Offering keen insights into how the shaping of our cities is shaping our lives, *Cities by Design* provides a critical exploration of key issues and debates that will be invaluable to

students and scholars in sociology and geography, environmental and urban studies, architecture, urban design and planning.

**Growing Compact** - Joo Hwa P. Bay 2017-07-06

*Growing Compact: Urban Form, Density and Sustainability* explores and unravels the phenomena, links and benefits between density, compactness and the sustainability of cities. It looks at the socio-climatic implications of density and takes a more holistic approach to sustainable urbanism by understanding the correlations between the social, economic and environmental dimensions of the city, and the challenges and opportunities with density. The book presents contributions from internationally well-known scholars, thinkers and practitioners whose theoretical and practical works address city planning, urban and architectural design for density and sustainability at various levels, including challenges in building resilience against climate change and natural disasters, capacity and integration for growth and adaptability, ageing, community and security, vegetation, food production, compact resource systems and regeneration.

**Housing As If People Mattered** - Clare Cooper Marcus 1986

From the Introduction: Consider these two places: Walking into Green Acres, you immediately sense that you have entered an oasis-traffic noise left behind, negative urban distractions out of sight, children playing and running on the grass, adults pattering on plant-filled balconies. Signs of life and care for the environment abound. Innumerable social and physical clues communicate to visitors and residents alike a sense of home and neighborhood. This is a place that people are proud of, a place that children will remember in later years with nostalgia and affection, a place that just feels "good." Contrast this with Southside Village. Something does not feel quite right. It is hard to find your way about, to discern which are the fronts and which are the backs of the houses, to determine what is "inside" and what is "outside." Strangers cut across what might be a communal backyard. There are no signs of personalization around doors or on balconies. Few children are around; those who are outside ride their bikes in circles in the parking lot. There are few signs of caring; litter, graffiti, and broken light fixtures indicate

the opposite. There is no sense of place; it is somewhere to move away from, not somewhere to remember with pride. These are not real locations, but we have all seen places like them. The purpose of this book is to assist in the creation of more places like Green Acres and to aid in the rehabilitation of the many Southside Villages that scar our cities. This book is a collection of guidelines for the site design of low-rise, high-density family housing. It is intended as a reference tool, primarily for housing designers and planners, but also for developers, housing authorities, citizens' groups, and tenants' organizations-anyone involved in planning or rehabilitating housing. It provides guidelines for the layout of buildings, open spaces, community facilities, play areas, walkways, and the myriad components that make up a housing site.

**An Introduction to Urban Housing Design** - Graham Towers 2005

This clear and concise guide is the ideal introduction to contemporary housing design for students and professionals of architecture, urban design and planning. With the increasing commitment to sustainable design and with an ever-increasing demand for houses in urban areas, housing design has taken on a new and crucial role in urban planning. This guide introduces the reader to the key aspects of housing design, and outlines the discussion about form and planning of urban housing. Using chapter summaries and with many illustrations, it presents contemporary concerns such as energy efficient design and high density development in a clear and accessible way. It looks at practical design solutions to real urban problems and includes advice on reclamation and re-use of buildings. The guidance it presents is universally relevant. Part two of the book features current case studies that illustrate the best in high density, sustainable housing design providing the reader with design information, and design inspiration, for their own projects. 1. Unique introductory guide to urban housing design 2. An accessible text that outlines the current debate on urban planning and presents guidance for design solutions 3. Contemporary case studies showcase the best examples for high density housing design

**Happy City: Transforming Our Lives Through Urban Design** -

Charles Montgomery 2013-11-12

"A journalist travels the world and investigates current socioeconomic theories of happiness to discover why most modern cities are designed to make us miserable, what we can do to change this, and why we have more to learn from poor cities than from prosperous ones"--

*Lean Logic* - David Fleming 2016

Lean Logic is David Fleming's masterpiece, the product of more than thirty years' work and a testament to the creative brilliance of one of Britain's most important intellectuals. A dictionary unlike any other, it leads readers through Fleming's stimulating exploration of fields as diverse as culture, history, science, art, logic, ethics, myth, economics, and anthropology, being made up of four hundred and four engaging essay-entries covering topics such as Boredom, Community, Debt, Growth, Harmless Lunatics, Land, Lean Thinking, Nanotechnology, Play, Religion, Spirit, Trust, and Utopia. The threads running through every entry are Fleming's deft and original analysis of how our present market-based economy is destroying the very foundations--ecological, economic, and cultural-- on which it depends, and his core focus: a compelling, grounded vision for a cohesive society that might weather the consequences. A society that provides a satisfying, culturally-rich context for lives well lived, in an economy not reliant on the impossible promise of eternal economic growth. A society worth living in. Worth fighting for. Worth contributing to. The beauty of the dictionary format is that it allows Fleming to draw connections without detracting from his in-depth exploration of each topic. Each entry carries intriguing links to other entries, inviting the enchanted reader to break free of the imposed order of a conventional book, starting where she will and following the links in the order of her choosing. In combination with Fleming's refreshing writing style and good-natured humor, it also creates a book perfectly suited to dipping in and out. The decades Fleming spent honing his life's work are evident in the lightness and mastery with which Lean Logic draws on an incredible wealth of cultural and historical learning--from Whitman to Whitefield, Dickens to Daly, Kropotkin to Kafka, Keats to Kuhn, Oakeshott to Ostrom, Jung to Jensen, Machiavelli to Mumford, Mauss to Mandelbrot, Leopold to Lakatos, Polanyi to Putnam, Nietzsche

to Næss, Keynes to Kumar, Scruton to Shiva, Thoreau to Toynbee, Rabelais to Rogers, Shakespeare to Schumacher, Locke to Lovelock, Homer to Homer-Dixon--in demonstrating that many of the principles it commends have a track-record of success long pre-dating our current society. Fleming acknowledges, with honesty, the challenges ahead, but rather than inducing despair, Lean Logic is rare in its ability to inspire optimism in the creativity and intelligence of humans to nurse our ecology back to health; to rediscover the importance of place and play, of reciprocity and resilience, and of community and culture. -----

Recognizing that Lean Logic's sheer size and unusual structure could be daunting, Fleming's long-time collaborator Shaun Chamberlin has also selected and edited one of the potential pathways through the dictionary to create a second, stand-alone volume, *Surviving the Future: Culture, Carnival and Capital in the Aftermath of the Market Economy*. The content, rare insights, and uniquely enjoyable writing style remain Fleming's, but presented at a more accessible paperback-length and in conventional read-it-front-to-back format.

**Pathways to Urban Sustainability** - National Academies of Sciences, Engineering, and Medicine 2016-11-11

Cities have experienced an unprecedented rate of growth in the last decade. More than half the world's population lives in urban areas, with the U.S. percentage at 80 percent. Cities have captured more than 80 percent of the globe's economic activity and offered social mobility and economic prosperity to millions by clustering creative, innovative, and educated individuals and organizations. Clustering populations, however, can compound both positive and negative conditions, with many modern urban areas experiencing growing inequality, debility, and environmental degradation. The spread and continued growth of urban areas presents a number of concerns for a sustainable future, particularly if cities cannot

adequately address the rise of poverty, hunger, resource consumption, and biodiversity loss in their borders. Intended as a comparative illustration of the types of urban sustainability pathways and subsequent lessons learned existing in urban areas, this study examines specific examples that cut across geographies and scales and that feature a range of urban sustainability challenges and opportunities for collaborative learning across metropolitan regions. It focuses on nine cities across the United States and Canada (Los Angeles, CA, New York City, NY, Philadelphia, PA, Pittsburgh, PA, Grand Rapids, MI, Flint, MI, Cedar Rapids, IA, Chattanooga, TN, and Vancouver, Canada), chosen to represent a variety of metropolitan regions, with consideration given to city size, proximity to coastal and other waterways, susceptibility to hazards, primary industry, and several other factors.

*Louis Sauer, The Architect of Low-rise High-density Housing* - Antonino Saggio 2012-08-21

... As one walks the streets of the Philadelphia, Sauer's buildings stand out for the masterly way he calibrates architectural composition and the varied playfulness of his solutions which, through a complex body of intuitively defined rules, one will find the very essence of Sauer's field of action where he interprets the reality of the setting and its surroundings. This book, then, is an enjoyable, lively read, because it proposes a profoundly democratic architecture that opens individuals' minds, leaves room to the end-user's aesthetic sensibility and presupposes a curious, imagining heart... From the Preface by P. C. Pignatelli L. Sauer, born 1928, FAIA, Hon FRAIA, is an architect, professor and design theorist. Extensive projects have been built in the U.S.A. and Canada where his work is an example of planning and design originality. A. Saggio (1955) teaches Architecture at «Sapienza» University (Rome). He is the founder of the book series "The IT Revolution in Architecture".