
Recombinant Urbanism Conceptual Modeling In Architecture Urban Design And City Theory

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Equity, Justice, and Politics in Urban Services Delivery

ECAADE 2010 : Proceedings of the 28th Conference on Education in Computer Aided Architectural Design in Europe, September 15-18, 2010, Zurich, Switzerland, ETH Zurich

Its Nature and Challenges

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Approaches to Public Space in a Chinese Megaregion

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VICTORIA BRADLEY

306090 11 Princeton Architectural Press

As cities continue to grow with advancing technologies, the spatial and temporal gaps between rural and urban areas are shrinking, thereby requiring the sectors to interact with each other. While the prospect is to develop each area without hampering the newfound synergy between them, there are still many barriers and concerns that hinder this inevitable urban-rural relationship. The Handbook of Research on Urban-Rural Synergy Development Through Housing, Landscape, and Tourism is a pivotal reference source that focuses on the applications and challenges of creating cooperation between urban and rural areas along various fields. While highlighting topics including suburbanization, weekend-residence zones, and homeostasis, this publication is ideally designed for architects, sector managers, region developers, urban planners, urban developers, construction managers, urban studies professionals, academicians, researchers, and students seeking current research on lessening the urban-rural gap in both global and local contexts.

Equity, Justice, and Politics in Urban Services Delivery Routledge

Greenfield sites around towns and cities, and redevelopment infill sites in existing urban areas often become battlegrounds between the conflicting interests of developers and communities. In America, design charrettes (intensive design and planning workshops) have become widely used as a means of bringing together these divergent groups, using detailed design exercises to establish agreement around a development masterplan. Despite the increasing frequency of their use, charrettes are widely misunderstood and can be misapplied. This book provides a detailed guidance on the proper and most effective ways to use this helpful tool. The book combines charrette masterplanning with the creation of "design-based" codes (also known as "form-based" codes) to control the development's implementation in line with the design and planning principles established during the charrette process.

ECAADE 2010 : Proceedings of the 28th Conference on Education in Computer Aided Architectural Design in Europe, September 15-18, 2010, Zurich, Switzerland, ETH Zurich Routledge

This book proposes the idea of interstitial space as a theoretical framework to describe and understand the implications of in-between lands in urban studies and their profound transformative effects in cities and their urban character. The analysis of the interstitial spaces is structured into four themes: the conceptual grounds of interstitial spaces; the nature of interstices; the geographical scale of interstices; and the relationality of interstices. The empirical section of the book introduces seven cases that illustrate the varied nature of interstitiality to finally discuss its implications in the broader field of urban studies. Reflections upon further lines of enquiry and

theories of urbanisation, urban sprawl, and cities are highlighted in the conclusion chapter. This is the ideal text for scholars of urban planning, strategic spatial planning, landscape planning, urban design, architecture, and other cognate disciplines as well as advanced students in these fields.

Its Nature and Challenges Edward Elgar Publishing

Ideas of dead, inert space, non-living, machinelike reflexive controlled bodies and passive, meaningless things are very modern. At the very heart of the program of modernity, resource exploitation and consumption is the idea that non-humans have no agency - they are simply resources to be manipulated and exploited at our will. Mostly leaving aside the more and more evident ethical concerns of this worldview and this setting of the human - non-human boundary, this volume attempts to explore what social sciences have to say about the relationship between the human and non-human. The intention of this book is to offer a non-human perspective. We realize that it is sometimes difficult to say whether the outcome of such a perspective would be just a shallow tendency to anthropomorphize, or whether we could reach some of the previously unseen properties of non-humans. Being aware of the dangers, this volume puts together different case studies that are more or less inspired by this non-human perspective. The aim is to explore what has been for a long time put aside and to provide new insights, new revelations that can lead social science to undiscovered or hidden realms. The outcome of this thrilling adventure can in the end be a discovery that the role of natural and social sciences, or even more, the character of the nature-culture dichotomy would have to be re-evaluated.

Space, Scale, and Time for the Study of Cities Springer Nature

Recombinant Urbanism Conceptual Modeling in Architecture, Urban Design and City Theory Academy Press

Basics Landscape Architecture 01: Urban Design Routledge

'Over recent years Complexity Science has revealed to us new limits to our possible knowledge and control in social, cultural and economic systems. Instead of supposing that past statistics and patterns will give us predictable outcomes for possible actions, we now know the world is, and will always be, creative and surprising. Continuous structural evolution within such systems may change the mechanisms, descriptors, problems and opportunities, often negating policy aims. We therefore need to redevelop our thinking about interventions, policies and policy making, moving perhaps to a humbler, more 'learning' approach. In this Handbook, leading thinkers in multiple domains set out these new ideas and allow us to understand how these new ideas are changing policymaking and policies in this new era.' - Peter M Allen, Cranfield University, UK

Geographies of Santiago de Chile's Zwischenstadt Birkhäuser

This open access book provides new perspectives on circular economy and space, explored towards the definition of regenerative territories characterised by healthy metabolisms. Going beyond the mere reuse/recycle of material waste as resources, this work aims to understand how to apply

circularity principles to, among others, the regeneration of wastescapes. The main focus is the development over time, and in particular the way how spatial planning and strategies respond to new unpredictable urgencies and opportunities related with territorial metabolisms. The book specifically focuses on living labs environments, where it is possible to tackle complex problems through a multidisciplinary and multi-stakeholder approach - including the use of digital spatial decision support environment - which could be able to include all the involved stakeholders. Through a spatial scope of circularity, this book describes several examples including among others ideas from different contexts such as Italy, The Netherlands, Belgium and Vietnam. Through including reflections on methodology and representation, as well as on solutions for circular and healthy metabolisms, the book provides an excellent resource to researchers and students.

Assorted City Routledge

Strategies for Landscape Representation discusses a variety of digital and analogue production techniques for the representation of landscape at multiple scales. Careful consideration is required to represent time, and to ensure accuracy of representation and evaluation in the landscape. Written as a guide for making appropriate selection of a wide variety of visualisation tools for students and built environment professionals with an interest in landscape, the book charts emerging technologies and historical contexts whilst also being relevant to landscape legislation such as Building Information Modelling (BIM) and Landscape Assessment. This book is an innovation-driven text that encourages readers to make connections between software, technology and analogue modes. The management, choice and combination of such modes can arguably narrow the unknown of landscape character, address the issues of representing time and change in landscape and engage and represent communities' perceptions and experience of landscape. Showcasing international examples from landscape architecture, planning, urban design and architecture, artists, visualisers, geographers, scientists and model makers, the vitality of making and intrinsic value of representational work in these processes and sites is evidenced. An accompanying companion website provides access to original source files and tutorials totalling over a hundred hours in mapping and GIS, diagrams and notation, photomontage, 3D modelling and 3D printing.

Printed Physics Springer Science & Business Media

Heterotopia, literally meaning 'other place', is a rich concept in urban design that describes a space that is on the margins of ordered or civil society, and one that possesses multiple, fragmented or even incompatible meanings. The term has had an impact on architectural and urban theory since it was coined by Foucault in the late 1960s but it has remained a source of confusion and debate since. *Heterotopia and the City* seeks to clarify this concept and investigates the heterotopias which exist throughout our contemporary world: in museums, theme parks, malls, holiday resorts, gated communities, wellness hotels and festival markets. With theoretical contributions on the concept of heterotopia, including a new translation of Foucault's influential 1967 text, *Of Other Space* and essays by well-known scholars, the book comprises a series of critical case studies, from Beaubourg to Bilbao, which probe a range of (post)urban transformations and which redirect the debate on the privatization of public space. Wastelands and terrains vagues are studied in detail in a section on urban activism and transgression and the reader gets a glimpse of the extremes of our dualized, postcivil condition through case studies on Jakarta, Dubai, and Kinshasa. *Heterotopia and the City*

provides a collective effort to reposition heterotopia as a crucial concept for contemporary urban theory. The book will be of interest to all those wishing to understand the city in the emerging postcivil society and post-historical era. Planners, architects, cultural theorists, urbanists and academics will find this a valuable contribution to current critical argument.

A Global Perspective Academy Press

This book attempts to confront spatial, performative and cultural interrelations between tourism and social economic behavior by providing a critical platform for the articulation of touring consumption in our contemporary world. Tourism has become a significant area of scholarship especially given the industry's product development opportunities on a global scale. However, the emphasis placed on such research has largely been from a supply-side perspective. What needs to be explored is the shift towards the agencies of the tourist or traveler as consumer and consumption as being embodied as a moment of practice in continuous states of touring.

The Emerging Public Realm of the Greater Bay Area Routledge

The Routledge Research Companion to Landscape Architecture considers landscape architecture's increasingly important cultural, aesthetic, and ecological role. The volume reflects topical concerns in theoretical, historical, philosophical, and practice-related research in landscape architecture - research that reflects our relationship with what has traditionally been called 'nature'. It does so at a time when questions about the use of global resources and understanding the links between human and non-human worlds are more crucial than ever. The twenty-five chapters of this edited collection bring together significant positions in current landscape architecture research under five broad themes - History, Sites and Heritage, City and Nature, Ethics and Sustainability, Knowledge and Practice - supplemented with a discussion of landscape architecture education. Prominent as well as up-and-coming contributors from landscape architecture and adjacent fields including Tom Avermaete, Peter Carl, Gareth Doherty, Ottmar Ette, Matthew Gandy, Christophe Girot, Anne Whiston Spirn, Ian H. Thompson and Jane Wolff seek to widen, fuel, and frame critical discussion in this growing area. A significant contribution to landscape architecture research, this book will be beneficial not only to students and academics in landscape architecture, but also to scholars in related fields such as history, architecture, and social studies.

The EcoEdge Springer Nature

Historically, many architects, planners, and urban designers solicit idealistic depictions of a controllable urban environment made from highly regulated geometrical organizations and systematically defined processes. Rather than working as urban "designers" who set out to control and implant external processes, we shift our approach to that of urban "detectives," who set out to chase the city. Charged with approaching the city more responsively, we investigate what we do not know, allowing the city to direct our work. As urban detectives, we have the ability to interrogate and respond to the elaborate patterns emerging from self-generated, internalized urban interactions. *Chasing the City* asks what are the current design trends shaping how we, first, understand the cities of today to, then, produce informed decisions on the continuously undefined evolving city of tomorrow. Intentionally, the work here does not adhere to rudimentary notions of supposed singularities or rely upon past generations of idealistic utopian models. Rather, *Chasing the City* delineates current models of urban investigation that seek to respond to the nature of cities

and develop heretofore-urban strategies as concurrently negotiated future urbanism. This edited volume provides a collection of innovative design research projects based on shared notions of Chasing the City through three bodies of strategic frameworks: (1) Mapping, (2) Resource, and (3) Typology. This structure ultimately allows readers, as fellow urban detectives, access to exploratory tools and methods of detection that accumulate from our environs, both practical and projective in our chase of the city.

Recombinant Urbanism U of Minnesota Press

A new tool for analyzing urban land cover that integrates design practices and ecological knowledge for understanding cities as complex, patchy and dynamic systems This atlas is a unique conceptual tool to describe and analyze cities as complex systems, using a new, hybrid approach to urban land cover classification. As an impetus to bring ecologists and urban designers together, it builds on over a decade of shared knowledge from the Baltimore Ecosystem Study to inspire ecologically motivated design practice. Rather than separating human-constructed environments from predominantly biological and geological ones, this book integrates built and ecological structures and shows how this integration can contribute to the scholarship of ecology and the practice of design. The atlas displays maps and tables depicting these hybrid land cover classes and the relationships between them; information on how the specific patch arrangements evolved over time; and speculations on how cover might change through design, disturbance, or succession.

Interdisciplinary and strikingly illustrated, the atlas is a new way to study, measure, and view cities with a more effective interaction of scientific understanding and design practice.

The urbanTick Experiment Yale University Press

Urban Design Since 1945: A Global Perspective reviews the emergence of urban design as a global phenomenon. The book opens with the urgent need to rebuild cities and re-house the millions of refugees living in camps and shantytowns at the end of the Second World War. Against this background, the book traces the collapse of the modernist, comprehensive state-planning schemes on both sides of the Iron Curtain as global corporations emerged, concentrating on networks and enclaves. It describes how Latin America and then Asia began a rapid urbanisation process, shifting the global urban centre away from Europe and overturning existing urban design models. This resulted in global megacities of an unprecedented scale, often with large associated shantytowns. By outlining the dominant models in urban design over the last sixty years - the metropolis, the megalopolis, the fragmented metropolis and the global megacity - the book provides an essential framework for students of the subject. Featured case studies include: the rebuilding of metropolitan capitals in Europe and Asia, such as Berlin, London, Moscow, Tokyo and Beijing the construction of new towns like Nowa Huta, Poland; Harlow, UK; Chandigarh, India; Brasilia, Brazil; Milton Keynes New Town, UK; and Shenzhen, China the megalopolis as a global phenomenon from the American East Coast, Texas, California, Arizona and Florida, with examples from Europe, the Middle East, Asia and Latin America, such as Caracas, Venezuela the fragmented metropolis as a global phenomenon, with American, Asian and European examples, such as Downtown and Midtown (New York), Shinjuku (Tokyo), Canary Wharf (London), La Défense (Paris) and Potsdamer Platz (Berlin) megacities as a global phenomenon, such as Jakarta in Indonesia or Bangkok in Thailand, that include urban agriculture and urban villages, as do shrinking eco-city regions such as Duisburg, Germany or

Detroit, USA World's Fairs such as Brussels 1958 and Osaka 1970 which feature as drivers of innovation, as do Olympic events in Tokyo (1964), Barcelona (1992), Beijing (2008) and London (2012).

Metropolitan Landscapes Recombinant Urbanism Conceptual Modeling in Architecture, Urban Design and City Theory

Foreword by Leon van Schaik Incomplete Urbanism is a dynamic, hybrid interactive concept, which destabilizes the current architectural and urban theories and practices. Its main characteristics are indeterminacy, inconsistency and changeability, which are particularly challenging in the context of the New World Order and the fast emerging global digital network. It is a concept that can be effectively applied to any sizeable section of existing cities without the need for major readjustments and can be implemented at different rates in response to specific local conditions. As for the word 'critical', I use it deliberately in order to convey the essential need to think creatively and positively in a controversial contesting and social-orientated manner about what we do, as it will constructively influence the way we do things that impact our values and social environment.

Models for Extra-Urban Investigations transcript Verlag

This book provides a simple but comprehensive framework for the emerging academic discipline of urban design, from its origins in Europe and America, to contemporary issues of imagery, finance and marketing in an age of globalisation There is currently no contemporary textbook for urban design that includes a general history and theory of the subject. Internationally, urban design is more and more becoming a core subject taught in architecture schools. The AIA (US) and the RIBA (UK) both require undergraduates and graduates to study the urban dimension of architectural design. On a wider scale, in Europe, the EU is developing a common architectural curriculum, which includes an urban component for under-graduates. The situation is similar in schools across Asia and Australia. Aimed at both students and teachers, this book provides a simple and accessible framework, from the origins of urban design and the main techniques developed to deal with the design of fragments of cities, to participatory planning processes, codes, imagery, finance and marketing. Finally, it proposes an innovative vision of contemporary practice based on the work of leading actors and projects in the field. This book is set to become the key textbook at undergraduate and graduate levels It is written in an accessible and direct tone, and highly illustrated with many colour and black and white diagrams It includes a general history and theory of urban design and provides an up-to-date account of contemporary urban conditions Praise for Recombinant Urbanism: "Documents a major intellectual advance...eagerly awaited by academics and practitioners all around the world... should become a standard text for schools of architecture and urbanism." Leon Van Schaik, Innovation Professor of Architecture, RMIT, Australia " ...both unique and instrumentally positive. The book is the result of many years of research and writing, and is a small masterpiece in urban studies. It has already proved its worth in the teaching of urban studies, at Columbia, the AA, the Bartlett School, and Cooper Union, to mention only a few of the universities where Dr Shane has had a powerful influence...It is, indeed, one of the very best manuscripts I have read in the field in the last few years." Anthony Vidler, Professor and Dean, Irwin S Chanin School of Architecture, Cooper Union, New York, USA "I can say without hesitation that I fully endorse Grahame's work...the issues it covers are highly topical and such a book would indeed

be widely read by architecture students, urban designers and planners." Colin Fournier, Professor of Architecture & Urbanism, Bartlett School of Architecture, UCL, UK "Of great necessity for undergraduate and postgraduate students, scientists and professionals in urban planning and design [This] publication will certainly inspire work with city models in a wide range of practice." Henrik W Jensen, Associate Professor in Town Planning, Aarhus School of Architecture, The Netherlands "A very important book. Shane ... has made legible and sensible the reams of recent urban discourse for a general college reader. Because of this labor-intensive effort, this book will be accessible by undergrad architecture programs as well as graduate seminars in urban design and planning. Additionally there is a big interest in UD and UP theory in ecology and social science now, and because of Grahame's generous writing style the book will cross over to these other disciplines. ... I can also speak to the international interest in this book; ... again Shane has made important urban theories and thinking more widely available to an international student audience. ... The legacy the book will have (will be in) convincing people that the design of cities matters, not in the overbearing and over-controlling sense of new urbanism, but in reinforcing the multiple possibilities of contemporary life. Brian McGrath, Adjunct Associate Professor of Architecture, Columbia University, USA

A Critical History and Survey of Contemporary Sustainable Architecture and Urban Design IGI Global

Through illustrated case studies and conceptual re-framings, this volume showcases ongoing transformations in public space, and its relationship to the public realm more broadly in the world's most populous urban megaregion—the Greater Bay Area of southeastern China—projected to reach eighty million inhabitants by the year 2025. This book assembles diverse approaches to interrogating the forms of public space and the public realm that are emerging in the context of this region's rapid urban development in the last forty years, bringing together authors from urbanism, architecture, planning, sociology, anthropology and politics to examine innovative ways of framing and conceptualizing public space in/of the Greater Bay Area. The blend of authors' first-hand practical experiences has created a unique cross-disciplinary book that employs public space to frame issues of planning, political control, social inclusion, participation, learning/education and appropriation in the production of everyday urbanism. In the context of the Greater Bay Area, such spaces and practices also present opportunities for reconfiguring design-driven urban practice beyond traditional interventions manifested by the design of physical objects and public amenities to the design of new social protocols, processes, infrastructures and capabilities. This is a captivating new dimension of urbanism and critical urban practice and will be of interest to academics, students and practitioners interested in urbanization in China.

Conceptual Modeling in Architecture, Urban Design and City Theory Routledge

This edited volume covers many aspects of the Metropolitan Landscapes. Solutions are needed to meet the demand of the citizens of a renewed metropolitan region landscape. It opens up discussions about possible toolkits for strategic actions based on understanding the territory from geographical, urban, architectural, economic, environmental, and public policy perspectives. This

book intends to promote the Metropolitan dwelling quality, ensuring human well-being proposing a discussion on the resilient articulation of the interface space among the city's infrastructure, agriculture, and nature. This book results from the Symposium: Metropolitan Landscapes that MSLab of the Politecnico di Milano and ETSA (Sevilla) organized at the IALE 2019 Conference (Milan, July 2019) to manage radical territory transformation with a strategic vision. The widespread growth of urban areas indicates the importance of building resilient sustainable cities capable of minimizing climate-change impact production. The Symposium aimed to discuss the Urban Metabolism approach considering the combination of Landscapes set in a single Metropolitan Ecosystem. Accordingly, new design strategies of transformation, replacement or maintenance can compose Urban-Rural Linkage patterns and a decalage of different landscape contexts. Ecological interest in environmental sustainability, compatibility, and resilience is not tied exclusively to the balance between production and energy consumption. Thus, it is the integration over time and at several scales of the urban and rural landscapes and their inhabitants that nourish the Metropolitan Bioregion. Moreover, the Metropolitan Landscape Book's research hypothesis is the need for a Glossary, strengthening the basis of understanding Metropolitan Landscape's complexity. This book's topic is particularly relevant to Landscape Urbanism, Architecture, Urban disciplines Scholars, Students and Practitioners who want to be connected in a significant way with Metropolitan Discipline's research field.

A Critical Urban Strategy for Emerging Economies Routledge

Acculturating the Shopping Centre examines whether the shopping centre should be qualified as a global architectural type that effortlessly moves across national and cultural borders in the slipstream of neo-liberal globalization, or should instead be understood as a geographically and temporally bound expression of negotiations between mall developers (representatives of a global logic of capitalist accumulation) on the one hand, and local actors (architects/governments/citizens) on the other. It explores how the shopping centre adapts to new cultural contexts, and questions whether this commercial type has the capacity to disrupt or even amend the conditions that it encounters. Including more than 50 illustrations, this book considers the evolving architecture of shopping centres. It would be beneficial to academics and students across a number of areas such as architecture, urban design, cultural geography and sociology.

The Interstitial Spaces of Urban Sprawl Birkhäuser

This book provides an overview of the Horizontal Metropolis concept, and of the theoretical, methodological and political implications for the interdisciplinary field in which it operates. The book investigates the contemporary emergence of a new type of extended urbanity across regions, territories and continents, up to the global scale. Further, it explores the diffusion of contemporary urban conditions in an interdisciplinary and original manner by analyzing essential case studies. Offering extensive content on the Horizontal Metropolis concept, the book presents a range of approaches intended to transcend various inherited spatial ontologies: urban/rural, town/country, city/non-city, and society/nature. The book is intended for all readers interested in the emergence and development of new approaches in cultural theory, urban and design education, landscape urbanism and geography.