Decoding The City Urbanism In The Age Of Big Data

Urbanism in the Digital AgeDecoding the CityUrbanism in the Digital AgeMasterplanning the Adaptive CityExpressions of Urbanism in the Sequent Occupance of Northeastern OhioNew Urbanism in the Urban CoreTransforming Cities Through Temporary UrbanismUrbanism in World PerspectiveUrbanism in the Age of Climate ChangeApproaches to urbanism in AustriaInter-regional Interaction and Urbanism in the Ancient Indus ValleyPlanning and Urbanism in ChinaSustainable Urbanism in Developing CountriesPlanning the Good CommunityUnder Construction: Logics of Urbanism in the Gulf RegionRecent Research in Late-antique UrbanismSustainable Urbanism in ChinaUrban TheoryNESS. Docs 2 Landscape As Urbanism in the AmericasLandscape Urbanism and its Discontents Mark Gottdiener Dietmar Offenhuber Mark Gottdiener Tom Verebes James Swinton Matthews Amie Margaret Vogt Lauren Andres Sylvia Fleis Fava Peter Calthorpe Elise Feiersinger Randall William Law Nick Jeffrey Uday Chatterjee Jill Grant Ms Leila Vignal William Bowden Ali Cheshmehzangi Alan Harding Magdalena Tagliabue Andr□s Duany Urbanism in the Digital Age Decoding the City Urbanism in the Digital Age Masterplanning the Adaptive City Expressions of Urbanism in the Sequent Occupance of Northeastern Ohio New Urbanism in the Urban Core Transforming Cities Through Temporary Urbanism Urbanism in World Perspective Urbanism in the Age of Climate Change Approaches to urbanism in Austria Inter-regional Interaction and Urbanism in the Ancient Indus Valley Planning and Urbanism in China Sustainable Urbanism in Developing Countries Planning the Good Community Under Construction: Logics of Urbanism in the Gulf Region Recent Research in Late-antique Urbanism Sustainable Urbanism in China Urban Theory NESS. Docs 2 Landscape As Urbanism in the Americas Landscape Urbanism and its Discontents *Mark Gottdiener Dietmar Offenhuber Mark Gottdiener Tom Verebes James Swinton Matthews Amie Margaret Vogt Lauren Andres Sylvia Fleis Fava Peter Calthorpe Elise Feiersinger Randall William Law Nick Jeffrey Uday Chatterjee Jill Grant Ms Leila Vignal William Bowden Ali Cheshmehzangi Alan Harding Magdalena Tagliabue Andr□s Duany*

offers a groundbreaking perspective on the future of urban studies urbanism in the digital age provides an essential paradigm shifting framework for understanding contemporary urban life author mark gottdiener redefines the study of urbanism by shifting the focus from traditional city centered models to the multi centered metropolitan region mcmr a revolutionary approach that integrates regional dynamics digital media and socioeconomic structures this

book challenges long standing theories critiques dominant neoliberal policies and provides innovative solutions to critical contemporary issues through an interdisciplinary synthesis of lefebvrian and castellsian perspectives gottdiener dissects the limitations of classical marxist and city centric urban theories while presenting new methodologies for analyzing spatial and social problems exploring the interplay between digital media economic forces and regional development 14 in depth chapters incorporate historical analysis census data and case studies to illustrate real world applications presenting a bold new vision for addressing spatial inequalities rethinking governance and fostering sustainable urban transformation urbanism in the digital age critiques traditional city centered urban studies and offers a unique and new perspective based on a regional digital age approach analyzes the impacts of digital media and neoliberal governance on spatial and social inequalities examines pressing urban crises such as affordable housing transportation racial segregation climate change homelessness and the crisis effects of draconian neoliberal policies proposes innovative policy solutions for urban planning sustainability and regional development investigates the role of architecture urban planning and thematic environments in shaping urban experiences and fighting climate change urbanism in the digital age is an indispensable resource for students and scholars in urban studies sociology geography political science architecture and urban planning it is an ideal textbook for undergraduate and graduate courses on urbanism social problems and public policy and a must read for policymakers and professionals engaged in urban development and regional planning

the mit based senseable city lab under carlo ratti is one of the research centers that deal with the flow of people and goods but also of refuse that moves around the world experience with large scale infrastructure projects suggest that more complex and above all flexible answers must be sought to questions of transportation or disposal this edition edited by dietmar offenhuber and carlo ratti shows how big data change reality and hence the way we deal with the city it discusses the impact of real time data on architecture and urban planning using examples developed in the senseable city lab they demonstrate how the lab interprets digital data as material that can be used for the formulation of a different urban future it also looks at the negative aspects of the city related data acquisition and control the authors address issues with which urban planning disciplines will work intensively in the future questions that not only radically and critically review but also change fundamentally the existing tasks and how the professions view their own roles

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computational design has become widely accepted into mainstream architecture but this is the first book to advocate applying it to create adaptable masterplans for rapid urban growth urban heterogeneity through computational urbanism practitioners and researchers here discuss ideas from the fields of architecture urbanism the natural sciences computer science economics and mathematics to find solutions for managing urban change in asia and developing countries throughout the world divided into four parts historical and theoretical background our current situation methodologies and prototypical practices the book includes a series of essays interviews built case studies and original research to accompany chapters written by editor tom verebes to give you the most comprehensive overview of this approach essays by marina lathouri jorge fiori jonathan solomon patrik schumacher peter trummer and david jason gerber interviews with dana cuff xu wei guo matthew prior tom barker su yunsheng and brett steele built case studies by zaha hadid architects james corner field operations xwg studio mad ocean consultancy network plasma studio groundlab peter trummer serie architects dota and rocker lange architects

this book advances the reflexion into how temporary urbanism is shaping cities

across the world temporary urbanism has become a core concept in urban development and its application is increasingly crossing the borders of both the north and the global south there is a need to reflect upon the diverse ways of understanding and implementing the temporary in the production of space internationally and discuss what this means for both research and practice divided into two sections the book compiles and reflects upon the various attempts to reframe and reconceptualise temporary urbanism the first section focuses on reframing and reconceptualising temporary urbanisms it develops the argument that temporary urbanism allows a reinterrogation of the role of temporalities and non permanence into the place making process and hence in the production and reproduction of cities including the adaptability of existing spaces and production of new spaces while drawing upon different theoretical and conceptual framings permeability assemblage rhythms waiting authors bring insights from various case studies the dublin biennial ireland temporary uses in geneva switzerland temporary urban settlements in sub saharan africa refugees camp in beirut lebanon and political protests in skopje republic of macedonia the second section looks at unwrapping the complexity and diversity of temporary urbanisms it aims at securing a better understanding of the complexity and diversity of temporary urbanism including a dialogue between various experiences both in the global north and in the global south it looks at the implications of temporary urbanism in the delivery of planning and considers how and by whom cities are governed and transformed again a range of examples are mobilised by contributors spanning from temporary uses and projects in london uk santiago chile paris france vancouver canada barcelona spain budapest hungary beijing china sao paulo brazil and milwaukee usa this book will be of interests to all researchers practitioners and students who want to gain a more thorough understanding of the topic of temporary urbanism compare its diversity and similarities across different contexts and reflect on the wider implications of temporary urbanisms for urban transformations

the mushrooming of illegal housing on the periphery of cities is one of the main consequences of rapid urbanisation associated with social and environmental problems in the developing countries sustainable urbanism in developing countries discusses the linkage between urbanism and sustainability and how sustainable urbanism can be implemented to overcome the problems of housing and living conditions in urban areas through case studies from india indonesia china etc using advanced gis techniques this book analyses several planning and design criteria to solve the physical social and economic problems of urbanisation and refers to urban planning as an effective measure to protect and promote the cultural characteristics of specific locations in these developing countries features investigates an interdisciplinary approach to urbanism including urban ecology ecosystem services sustainable landscapes and advanced geographical systems analyses unique case studies of rapid urbanisation from a local to a national scale in countries such as india sri lanka

china bangladesh malaysia and indonesia and their global impact examines the use of gis and spatial statistics in analysing urban sprawl and the massive amount of data gathered by every operational activity of municipalities focuses on the holistic perspective of sustainable urbanism and the harmony in the human nature relationship to achieve sustainable development covers a wide range of issues manifested in urban areas with economic societal and environmental implications contributed by leading scholars from the global south

an examination of new urban approaches both in theory and in practice taking a critical look at how new urbanism has lived up to its ideals the author asks whether new urban approaches offer a viable path to creating good communities with examples drawn principally from north america europe and japan planning the good community explores new urban approaches in a wide range of settings it compares the movement for urban renaissance in europe with the new urbanism of the united states and canada and asks whether the concerns that drive today s planning theory issues like power democracy spatial patterns and globalisation receive adequate attention in new urban approaches the issue of aesthetics is also raised as the author questions whether communities must be more than just attractive in order to be good with the benefit of twenty years hindsight and a world wide perspective this book offers the reader unparalleled insight as well as a rigorous and considered critical analysis

interdisciplinary in approach this volume explores and deciphers the symbolic value and iconicity of the built environment in the arab gulf region its aesthetics language and performative characteristics bringing together a range of studies by artists curators and scholars it demonstrates how dubai appeared at least until the financial crisis to be leading the construction race and has already completed a large number of its landmark architecture and strategic facilities in contrast cities like the qatari capital doha still appear to be heavily under construction and in countries like the sultanate of oman ultra luxury tourism projects were started only recently while the construction of artificial islands theme parks and prestige sport facilities has attracted considerable attention much less is known about the region s widespread implementation of innovative infrastructure such as global container ports free zones inter island causeways and metro lines this volume argues that these endeavours are not simply part of a strategy to prepare for the post oil era for future economic survival and prosperity in the lower gulf region but that they are also aiming to strengthen identitarian patterns and specific national brands in doing so they exhibit similar yet remarkably diverse modes of engaging with certain global trends and present questionably distinct ideas for putting themselves on the global map each country aims to grab attention with regard to the world wide flow of goods and capital and thus provide its own citizens with a socially acceptable trajectory for the future by doing that the countries in the gulf are

articulating a new semiotic and paradigm of urban development for the first time this volume maps these trends in their relation to architecture and infrastructure in particular by treating them as semiotics in their own right it suggests that recent developments in this region of the world not only represent a showcase of extraordinary initiatives by which these desert states have transformed but also that the commodification of local traditions acts as an essential element in the countries effort to design an arab version of hyper modernity and to position themselves as a regional and global archetype which has frequently been adopted elsewhere

sustainable urbanism in china explores the notion of sustainable urbanism by considering the role sustainable neighborhood planning plays in the larger picture of sustainable urbanism and suggests innovations and best practices that are either developed or adopted by china these are narrated as lessons learnt for other countries where we see similar trends of development patterns or emerging practices through various explorations of challenges paradigms and innovations of urban sustainability this book highlights how planning policy and design are forming and reforming in the context of china these are offered through a set of guidelines and pathways for urban sustainability at the scale of neighborhoods communities or districts in a wider context of urban environments as well as strategies for planners developers policy makers and educators in the field of the built environment through a comprehensive overview of urban sustainability practices in china this book investigates 12 case study projects these comprehensive explorations should in turn help construct the future directions of china s sustainable urban development and provide innovative pathways of sustainable urbanism in china and around the globe

what is urban theory how can it be used to understand our urban experiences experiences typically defined by enormous inequalities not just between cities but within cities in an increasingly interconnected and globalised world this book explains relations between urban theory and modernity in key ideas of the chicago school spatial analysis humanistic urban geography and radical approaches like marxism cities and the transition to informational economies globalization urban growth machine and urban regime theory the city as an actor spatial expressions of inequality and key ideas like segregation ghettoization suburbanization gentrification socio cultural spatial expressions of difference and key concepts like gender sexuality race ethnicity and culturalist perspectives on identity lifestyle subculture how cities should be understood as intersections of horizontal and vertical of coinciding resources positions locations influencing how we make and understand urban experiences critical interdisciplinary and pedagogically informed with opening summaries boxes questions for discussion and guided further reading urban theory a critical introduction to power cities and urbanism in the 21st century provides the tools for any student of the city to understand even to change our

own urban experiences

the second issue of ness docs titled landscape as urbanism in the americas convenes a series of discussions lead by office for urbanization at harvard gsd directed by charles waldheim on the potentials for landscape as a medium for urban intervention in the specific social cultural economic and ecological contexts of latin american cities it features more than twenty projects developed by latin american practices such as tatiana bilbao estudio groundlab fábrica de paisaje and gathers original texts by them as well as essays by luis callejas alfredo ramirez and manuel gausa among others

landscape urbanism vs the new urbanism negotiating the relationship between cities and the natural world

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