# Decoding The City Urbanism In The Age Of Big Data

Decoding the CityMessy UrbanismDIY Urbanism in AfricaUrbanised Society in the Age of CitiesUrbanism in World PerspectiveThe Human CityThe Routledge Companion to Twentieth and Early Twenty-First Century Urban DesignThe Urbanism of ExceptionWomen Reclaiming the CityLiving CitiesOn Cities and Social LifeMasterplanning the Adaptive CityCulture, Urbanism and PlanningSocial Urbanism in Latin AmericaInternational Encyclopedia of Human GeographyUrbanism in the Digital AgeRethinking SuburbsLandscape Urbanism and its DiscontentsThe CityThe City Dietmar Offenhuber Manish Chalana Stephen Marr Cumhur Olcar Sylvia Fleis Fava Joel Kotkin Jon Lang Martin J. Murray Tigran Haas Jan Tanghe Louis Wirth Tom Verebes Manuel Guardia Carlos Leite Mark Gottdiener Khaled Alawadi Andr s Duany Rose Hum Lee Rose Hum Lee

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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

seemingly messy and chaotic the landscapes and urban life of cities in asia possess an order and hierarchy that often challenges understanding and appreciation with contributions by a cross disciplinary group of authors messy urbanism understanding the other cities of asia examines a range of cases in asia to explore the social and institutional politics of urban informality and the contexts in which this messiness emerges or is constructed the book brings a distinct perspective to the broader patterns of informal urban orders and processes as well as their interplay with formalized systems and mechanisms it also raises questions about the production of cities cityscapes and citizenship messy urbanism will appeal to professionals students and scholars in the fields of urban studies architecture landscape architecture planning and policy as well as asian studies the rubric of messy urbanism is a productive antidote to the binaries that have limited a productive discussion about urbanism in asia this book is a significant contribution in understanding the inherent nature of the built environments in aspiring democracies an emergent urbanism that seamlessly embraces the incremental temporal and ephemeral as given conditions in the formation of asian cities rahul mehrotra architect professor of urban design and planning harvard university this book is of a high quality with multiple examples from hong kong and china the authors have covered the topic admirably and i expect the book to attract a wide readership vinit mukhija associate professor and vice chair of urban planning ucla

protracted economic crises accelerating inequalities and increased resource scarcity present significant challenges for the majority of africa s urban population limited state capacity and widespread infrastructure deficiencies common in cities across the continent often require residents to draw on their own resources knowledge and expertise to resolve these life and livelihood dilemmas diy urbanism in africa investigates these practices it develops a theoretical framework through which to analyze them and it presents a series of case studies to demonstrate how residents invent new diy tactics and strategies in response to security place making or economic problems this book offers a timely critical intervention into literatures on urban development and politics in africa it is valuable to students policymakers and urban practitioners keen to understand the mechanisms and political implications of widespread dynamics now shaping africa s expanding urban environments

this book details the transformation processes that impinge on constitutionally ordained governance by drawing on the new theoretical approaches in the urban sciences it is unique in terms of its focused content which thoroughly analyses the transformation of space and governance in turkey and beyond and how urban institutions have emerged and changed since their inception underlining the distinct structural characteristics this book unearths the significant socio political and economic processes which are critical to the political articulation of governance in cities it follows a multidisciplinary approach which helps understand the social churning that has radically altered the conventions of urban politics it also attempts to draw out the theoretical implications of cities peculiar socio economic and political processes based on a rigorous empirical investigation in which political is envisioned and fashioned this book will be useful to students researchers and teachers working in the field of urban and social science public administration urban sociology political economy and urban politics it will also be an invaluable and interesting reading for those invested in asian studies

the author of the coming of neo feudalism and the new class conflict challenges conventions of urban planning around the globe most new urban development has adhered to similar tenets tall structures small units and high density in the human city joel kotkin called america s uber geographer by david brooks of the new york times questions these nearly ubiquitous practices suggesting that they do not consider the needs and desires of the vast majority of people built environments kotkin argues must reflect the preferences of most people even if that means lower density development the human city ponders the purpose of the city and investigates the factors that drive most urban development today armed with his own astute research a deep seated

knowledge of urban history and a sound grasp of economic political and social trends kotkin pokes holes in what he calls the retro urbanist ideology and offers a refreshing case for dispersion centered on human values this book is not anti urban but it does advocate a greater range of options for people to live the way they want at all stages of their lives praise for the human city kotkin presents the most cogent evidence based and clear headed exposition of the pro suburban argument in pithy readable sections each addressing a single issue he debunks one attack on the suburbs after another but he does more than that he weaves an impressive array of original observations about cities into his arguments enriching our understanding of what cities are about and what they can and must become shlomo angel wall street journal the most eloquent expression of urbanism since jane jacobs s the death and life of great american cities kotkin writes with a strong sense of place he recognizes that the geography and traditions of a city create the contours of its urbanity ronnie wachter chicago tribune

the routledge companion to twentieth and early twenty first century urban design is a fully illustrated descriptive and explanatory history of the development of urban design ideas and paradigms of the past 150 years the ideas and projects hypothetical and built range in scale from the city to the urban block level the focus is on where the generic ideas originated the projects that were designed following their precepts the functions they address and or afford and what we can learn from them the morphology of a city its built environment evolves unselfconsciously as private and governmental investors self consciously erect buildings and infrastructure in a pragmatic piecemeal manner to meet their own ends philosophers novelists architects and social scientists have produced myriad ideas about the nature of the built environment that they consider to be superior to those forms resulting from a laissez faire attitude to urban development rationalist theorists dream of ideal futures based on assumptions about what is good empiricists draw inspirations from what they perceive to be working well in existing situations both groups have presented their advocacies in manifestoes and often in the form of generic solutions or illustrative designs this book traces the history of these ideas and will become a standard reference for scholars and students interested in the history of urban spaces including architects planners urban historians urban geographers and urban morphologists

this book argues that understanding global urbanism in the twenty first century requires

us to cast our gaze upon vast city regions without an urban core

the originality of women reclaiming the city lies not only in the variety of themes being presented but also in the variety of all these different highly respected women researchers this book is the first in which current societal themes revolving around urbanism architecture and city planning are put forth solely through female perspectives it reveals the importance of having female lenses on certain societal debates twenty five leading female urban scholars draw on principles concepts and positions that are foundational to other frameworks and fields specifically critical studies indigenous and ethnic studies postcolonial theory queer theory feminist theory progressive urban theory social ecology urban planning and design architecture urban economics and urban social geography landscape urbanism new urbanism heritage management and urbanism political ecology and cultural studies to present alternatives to the current classical theories and conceptualizations that have failed to engage a truly intersectional analysis of dominant city and urban discourses policies and practices the book is intended for scholars of urban studies policy makers and city planning professionals

this book aims to demonstrate the new awareness concerning the urban environment in europe the authors believe that the unlimited outward expansion of our cities must be halted and that we should strive for inner growth within urban centres and for a more human approach to city development contact between city dwellers should be encouraged to reduce the isolation of those living in sprawling communities and to remedy the evils resulting from the dispersion of urban functions to achieve this the book puts forward a number of planning and design criteria which would solve more satisfactorily the problems of housing and living conditions in cities

the first book to advocate using computational design to create adaptable masterplans for rapid urban growth or computational urbanism

the relationship between culture and urbanism has been the focus of much discussion and debate in recent years while globalisation tends towards a homogeneity successful global cities have a strong individual and particularly cultural identity the economic value of the culture of cities lies not only in the arts taking place there but also in the city s fabric its architecture and in its cultural heritage this volume brings together a team of leading specialists to examine the policies of image and city marketing which have developed over the past 15 years and whether these are a continuity of earlier strategies featuring case studies which illustrate diverse perspectives on linking culture urbanism and history the book reviews heritage and planning culture looking at the experience of urbanism in the old historic city the book also assesses the increasingly important issue of urban images and their influence on planning strategies

this book highlights current concepts of social urbanism the contemporary set of multiple and interdisciplinary urban studies that have emerged mainly from the complex realities of latin american cities the discussion that follows places special emphasis on public land policy and the innovative urban instruments developed in that region to promote social and territorial inclusion critical reflections throughout the pages of this book shed light into the local context of each case study in order to understand their specific set of challenges and opportunities relevant lessons are extracted from the three cities here analyzed the medium scale city of medellin the large scale city of bogota and the megacity of sao paulo as well as from local innovative experiences in argentina and uruguay these cities underwent promising transformation processes over two decades applying planning and financing instruments of land policy which have produced significant shifts in the urban development paradigm in the region the guest for social inclusion has emerged as the common denominator in these cities awakening growing interest across several fields of urban studies from public policies and city management to urban law city financing urban development and innovative community participation processes the book brings implications on urban land policy for transition cities in the global south the question of social inclusion in global south cities is however far from being solved the analysis presented in this book shows advances and hope besides a long path still ahead which can only be faced through a continuous and challenging incremental process may this book be an incremental step

international encyclopedia of human geography second edition fourteen volume set embraces diversity by design and captures the ways in which humans share places and view differences based on gender race nationality location and other factors in other words the things that make people and places different questions of for example politics economics race relations and migration are introduced and discussed through a geographical lens this updated edition will assist readers in their research by providing factual information historical perspectives theoretical approaches reviews of literature and provocative topical discussions that will stimulate creative thinking presents the most up to date and comprehensive coverage on the topic of human geography contains extensive scope and depth of coverage emphasizes how geographers interact with understand and contribute to problem solving in the contemporary world places an emphasis on how geography is relevant in a social and interdisciplinary context

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

rethinking suburbs provides answers to how can we design and plan neighborhoods in which non motorized mobility is a viable and efficient alternative and how the street systems and alleys of neighborhoods can be designed and retrofitted to make their urban fabrics more efficient and integrated streets play significant roles in meeting multiple sustainability objectives this research addresses abu dhabi s and dubai s street connectivity at the neighborhood local and city global scales it focuses on two parameters of street network analysis efficiency and centrality efficiency is evaluated in terms of directness noting that network designs that provide short and direct access between origins and destinations are more efficient centrality is evaluated using graph theory metrics that enable the identification of high and low accessibility locations within networks the conventional suburban model of low density automobile centric development with fragmented streets cannot foster high levels of accessibility within neighborhoods this study offers an alternative evidence based suburban design model for future cities

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

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