

Decoding The City Urbanism In The Age Of Big Data

Decoding the CityMasterplanning the Adaptive CityMessy UrbanismA City of One's OwnDIY Urbanism in AfricaArchitecture and Urbanism in a Contact ZoneUrbanised Society in the Age of CitiesUrbanism in World PerspectiveThe Routledge Companion to Twentieth and Early Twenty-First Century Urban DesignThe Human CityWomen Reclaiming the CityUrbanism in the Modern MetropolisOn Cities and Social LifeSocial Urbanism in Latin AmericaThe Routledge Handbook of Architecture, Urban Space and Politics, Volume ICulture, Urbanism and PlanningNew Urbanism in the Urban CorePlanning and Urbanism in ChinaInternational Encyclopedia of Human GeographyThe Future of the City: New Directions in Urban Planning Dietmar Offenhuber Tom Verebes Manish Chalana Sophie Body-Gendrot Stephen Marr Mark Mukherjee Campbell Cumhur Olcar Sylvia Fleis Fava Jon Lang Joel Kotkin Tigran Haas Irving L. Allen Louis Wirth Carlos Leite Nikolina Bobic Manuel Guardia Amie Margaret Vogt Nick Jeffrey Peter M. Wolf

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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

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

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

it is often overlooked that the initiatives of private individuals and bodies have always been a major feature of urban governance in english and american cities before during and after the heyday of 20th century welfare states this book highlights the citizens continuous participation in a wide range of urban affairs especially outside institutional frameworks

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 explores how histories of migration cultural encounter and transculturation have shaped formations of urban space domestic architecture and cultural modernity in kolkata from the early colonial period to the beginning of the era of india s economic liberalization it charts how these themes were manifest in what was an important contact zone in the history of globalization and the modern city drawing on a wide range of resources and representations from urban plans and architectural drawings to european travel journals and bengali literature and cinema the book investigates the history of kolkata through an examination of key urban and architectural spaces across the colonial and postcolonial epochs through illustrated chapters it sheds new light on questions of difference and segregation cultural hybridity migration and entanglements of tradition and modernity in the city analyzing spaces inhabited by a diverse range of cultures including several neglected in previous studies architecture and urbanism in a contact zone offers an instructive contribution to the fields of global architectural history and theory urban studies and postcolonial cultural studies for scholars researchers and students alike

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 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

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 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 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 quest 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

for architecture and urban space to have relevance in the 21st century we cannot merely reignite the approaches of thought and design that

were operative in the last century this is despite or because of the nexus between politics and space often being theorized as a representation or by product of politics as a symbol or an effect the spatial dimension is depoliticized consequently architecture and the urban are halted from fostering any systematic change as they are secondary to the event and therefore incapable of performing any political role this handbook explores how architecture and urban space can unsettle the unquestioned construct of the spatial politics of governing considering both ongoing and unprecedented global problems from violence and urban warfare the refugee crisis borderization detention camps terrorist attacks to capitalist urbanization inequity social unrest and climate change this handbook provides a comprehensive and multidisciplinary research focused on the complex nexus of politics architecture and urban space volume i starts by pointing out the need to explore the politics of spatialization to make sense of the operational nature of spatial oppression in contemporary times the operative and active political reading of space is disseminated through five thematics violence and war machines security and borders race identity and ideology spectacle and the screen and mapping landscapes and big data this first volume of the handbook frames cutting edge contemporary debates and presents studies of actual theories and projects that address spatial politics this handbook will be of interest to anyone seeking to meaningfully disrupt the reduction of space to an oppressive or neutral backdrop of political realities chapters 1 and 23 of this book are freely available as a downloadable open access pdf at taylorfrancis com under a creative commons attribution cc by 4 0 license

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

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

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