

Beyond the Networked City

Infrastructure, technology, society and
urban change in the North and South

Edited by

Oliver Cottam and Jonathan Rutherford



Beyond Networked City Infrastructure Reconfigurations

M Woodhall

Beyond Networked City Infrastructure Reconfigurations:

Beyond the Networked City Olivier Coutard, Jonathan Rutherford, 2015-12-14 Cities around the world are undergoing profound changes. In this global era we live in a world of rising knowledge economies, digital technologies and awareness of environmental issues. The so called modern infrastructural ideal of spatially and socially ubiquitous, centrally governed infrastructures providing exclusive homogeneous services over extensive areas has been the standard of reference for the provision of basic essential services such as water and energy supply. This book argues that after decades of undisputed domination this ideal is being increasingly questioned and that the network ideology that supports it may be waning. In order to begin exploring the highly diverse, fluid and unstable landscapes emerging beyond the networked city this book identifies dynamics through which a break with previous configurations has been operated and new brittle zones of socio-technical controversy through which urban infrastructure and its wider meaning are being negotiated and fought over. It uncovers across a diverse set of urban contexts new ways in which processes of urbanization and infrastructure production are being combined with crucial sociopolitical implications through shifting political economies of infrastructure which rework resource distribution and value creation through new infrastructural spaces and territorialities which rebundle socio-technical systems for particular interests and claims and through changing offsets between individual and collective appropriation, experience and mobilization of infrastructure. With contributions from leading authorities in the field and drawing on theoretical advances and original empirical material this book is a major contribution to an ongoing infrastructural turn in urban studies and will be of interest to all those concerned by the diverse forms and contested outcomes of contemporary urban change across North and South.

Beyond the Networked City Olivier Coutard, Jonathan Rutherford, 2016

Redeploying Urban Infrastructure Jonathan Rutherford, 2019-07-31 This book explores urban futures in the making as seen through the lens of urban infrastructure. The book describes how socio-technical arrangements of energy and water provision are being recast in continuing efforts towards realising sustainable transformation of cities. It critically investigates how infrastructure comes to matter by analyzing the shifting capacities and entanglements of diverse actors with these systems, the various means they use to envision, enact and contest changes and the wide ranging social and political implications of emerging infrastructure transitions. Drawing on original research into urban infrastructure debates and projects in Stockholm and Paris the author develops a novel conceptual framework for studying and acknowledging the active vital role of infrastructure in constituting a material politics of urban transformation. Straddling the latest theoretical insights and empirical investigation of urban planning practice and socio-technical engineering of systems and flows Redeploying Urban Infrastructure forges new timely reflections and perspectives which will be of interest to the growing multidisciplinary community of scholars investigating infrastructure and to academics and practitioners with a concern for understanding the wider politics of urban futures.

Handbook of Infrastructures and Cities Olivier Coutard, Daniel

Florentin,2024-04-12 Contributing towards a thriving research area this comprehensive Handbook presents a broad discussion of infrastructure as social phenomena It compiles diverse perspectives to delineate the current infrastructural turn and assess policy and research challenges relating to contemporary forms of infrastructural development **Critical Perspectives on Suburban Infrastructures** Pierre Filion,Nina M. Pulver,2019-05-06 Most new urban growth takes place in the suburbs consequently infrastructures are in a constant state of playing catch up creating repeated infrastructure crises in these peripheries However the push to address the tensions stemming from this rapid growth also allow the suburbs to be a major source of urban innovation Taking a critical social science perspective to identify political economic social and environmental issues related to suburban infrastructures this book highlights the similarities and differences between suburban infrastructure conditions encountered in the Global North and Global South Adopting an international approach grounded in case studies from three continents this book discusses infrastructure issues within different suburban and societal contexts low density infrastructure rich Global North suburban areas rapidly developing Chinese suburbs and the deeply socially stratified suburbs of poor Global South countries Despite stark differences between types of suburbs there are features common to all suburban areas irrespective of their location and similarities in the infrastructure issues confronting these different categories of suburbs Towards a Metropolitan Public Space Network João Rafael Santos,Maria Matos Silva,Ana Beja da Costa,2024-10-01 This book explores the hypothesis that public space if conceptualised imagined and shaped at the metropolitan scale through innovative territorial design approaches offers the possibility to interconnect and integrate various systems in search for synergic responses to emerging societal challenges that impact large urbanised landscapes The book offers a multidimensional and multi geographic framework to discuss the role of public space on contemporary metropolitan territories as part of MetroPublicNet Building the foundations of a Metropolitan Public Space Network to support the robust low carbon and cohesive city Projects lessons and prospects in Lisbon research project The reader will find a critical and overarching perspective on the conceptual methodological and empirical lenses that unfolded throughout the research process namely a systematised decoding of the public space projects policies and rationales that shaped the recent transformation of Lisbon Metropolitan Area With a diverse range of authors actively engaged in academic research and professorship in design practice and in policy oriented roles the book concludes with the outlining of forward looking guidelines policy recommendations and design experimentations This book will be of interest to researchers and students of architecture urbanism landscape architecture and geography The Open Access version of this book available at <http://www.taylorfrancis.com> has been made available under a Creative Commons Attribution CC BY 4 0 license Making Spaces through Infrastructure Marian Burchardt,Dirk Laak,2023-07-04 Infrastructures are fundamental means through which societies create spaces but little is known about the precise ways in which this occurs How have infrastructures animated certain understandings of space How do infrastructures stabilize or undermine the spatial formats in which we live

which shape our everyday practices and which regulate access to services and resources And conversely how do spaces frame the ways infrastructural provision is organized How do existing spaces shape infrastructural development and the scope and forms of access to vital services such as transport and water In this volume historians and sociologists draw on a range of fascinating case studies and provide compelling answers to these questions Exploring among others the provision of irrigation water in nineteenth century Los Angeles the invention of airport transit zones and the infrastructural practices of homeless people in Berlin the book demonstrates how the making of spaces through infrastructure is deeply political Intent on revealing uneven geographies of provision and hierarchies of access the contributors highlight how infrastructures are products of global entanglements *Imaginaires de la vi(l)le en hauteur* Christian Montès,2018-02-13 Ce num ro propose de renverser nos fa ons de faire de la g ographie et d aller explorer la bo te noire de la ville tridimensionnelle La prise de hauteur de nos environnements urbains ainsi que les multiples facettes des imaginaires de la vi ll e verticale retracent les trajectoires de patrimonialisation ou de d monisation des gratte ciel et des grands ensembles modernes **Die**

Wirklichkeit der Städte Helmuth Berking,Martina Löw,2005 Die Stadt ist ein Begriff der eine ganze Welt im Schlepptau halt eine semantische Verdichtung mittels derer sich nicht nur Wahrnehmungen Bilder und Erfahrungen sondern auch kulturelle Wissensbestände produzieren und organisieren lassen Obwohl Städte seit 10 000 Jahren physisch präsent sind ist der Streit um den ontologischen Status der Stadt langst nicht entschieden die Frage nach einem vorgangigen Gegenstand Stadt heute umstrittener denn je Dabei lasst sich kaum ein Problem identifizieren dass nicht an und in den Städten imaginiert worden ware In den Städten verweilt das Gedachtnis der Menschheit Städte sind Weltanschauungen Lebensformen Philosophien Raume des Begehrrens Arenen der Macht und ihres Verfalls **Network Magazine** ,2005

Telecommunications ,2002 **Grey Room** ,2000 Grey Room is a scholarly journal devoted to the theorization of modern and contemporary architecture art and media Published quarterly it is dedicated to the task of promoting and sustaining critical investigation into each of these fields separately and into their mutual interactions **Forbes** ,2001 **New**

Urbanism Robert Steuteville,Philip Langdon,2003 Lay flat perfect binding and durable cover and pages for travel meetings and charrettes **Consultants and Consulting Organizations Directory** ,2007 *Sociological Abstracts* ,2001 CSA Sociological Abstracts abstracts and indexes the international literature in sociology and related disciplines in the social and behavioral sciences The database provides abstracts of journal articles and citations to book reviews drawn from over 1 800 serials publications and also provides abstracts of books book chapters dissertations and conference papers **Library**

Hotline ,2000 **Translating the Networked City** Jochen Monstadt,Rémi de Bercegol,Bérénice Bon,2018-11-30 This book contributes to postcolonial urban and technology studies by analysing the translation of urban planning ideals through the lens of urban infrastructure in East Africa By drawing on recent work on the networked city and by conceptualising the translation of this travelling urban and technological ideal it explores how place based processes of adaptation and creativity

shape the provision of infrastructure services

Infrastructures in Practice Elizabeth Shove, Frank

Trentmann, 2018-09-17 Infrastructures in Practice shows how infrastructures and daily life shape each other Power grids roads and broadband make modern lifestyles possible at the same time their design and day to day operation depends on what people do at home and at work This volume investigates the entanglement of supply and demand It explains how standards and normal ways of living have changed over time and how infrastructures have changed with them Studies of grid expansion and disruption heating systems the internet urban planning and office standards smart meters and demand management reveal this dynamic interdependence This is the first book to examine the interdependence between infrastructures and the practices of daily life It offers an analysis of how new technologies lifestyles and standards become normalised and fall out of use It brings together diverse disciplines history sociology science studies to develop social theories and accounts of how infrastructures and practices constitute each other at different scales and over time It shows how networks and demands are steered and shaped and how social and political visions are woven into infrastructures past present and future Original wide ranging and theoretically informed this book puts the many practices of daily life back into the study of infrastructures The result is a fresh understanding of how resource intensive forms of consumption and energy demand have come about and what is needed to move towards a more sustainable lower carbon future

Technology and the Rise of the Networked City in Europe and America Joel Arthur Tarr, 1988

Beyond Networked City Infrastructure Reconfigurations: Bestsellers in 2023 The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous engrossing novels captivating the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the fascinating narratives that have enthralled audiences this year. The Must-Read : Colleen Hoovers "It Ends with Us" This poignant tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Discover the Magic : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These bestselling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of captivating stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and thrilling novel that will keep you guessing until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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