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Nota di contenuto	Frontmatter -- Contents -- Introduction -- I Metropolitan Space and the Built Environment -- Urban Typology, Morphology, Iconography -- Exploratory Statistical Analysis of Spatial Structures in Urban Datasets -- Spatial Analysis as a Tool for Architectural and Urban Historians -- Historic Preservation as Change Management: Methods in Context -- Urban Art History: Cultural Heritage, Flâneurs, and Points of Presence -- II Metropolitan Functions and Infrastructures -- Methods of Central Place Research -- Methods for the Identification and Analysis of Clusters in Metropolitan Economies: Overview and Comparative Assessment -- Agent-Based Modelling of Infrastructure Systems -- Methodologies for Urban Transport Studies -- III Metropolitan Resilience, Sustainability, and Health -- Disaster Risk and Climate Impact Research -- Volunteered Geographic Information for Sustainable Urban Development -- Assessing Metropolitan Biodiversity Using Aquatic Environmental DNA Metabarcoding -- Concept and Methods in Urban Public Health -- IV Metropolitan Culture(s) -- Storytelling -- Narrative Analysis -- Interdiscourse Theory and the Analysis of Collective Symbols -- V Interdisciplinary and Mixed-Methods Approaches to Urban Complexity -- Comparisons -- Urban Modelling: Quantitative and Qualitative Approaches -- Delineating and Typifying Urban Neighbourhoods: A Mixed-Methods Approach --

Mixed-Methods Monitoring of Large-Scale Urban Development Projects: The Case of Lake Phoenix in Dortmund-Hörde -- Contributors

Sommario/riassunto

Metropolitan research requires interdisciplinary collaboration in order to do justice to the complexities of metropolitan regions. This volume provides a scholarly and accessible overview of key methods and approaches in metropolitan research from a uniquely broad range of disciplines including architectural history, art history, heritage conservation, literary and cultural studies, spatial planning and planning theory, geoinformatics, urban sociology, economic geography, operations research, technology studies, transport planning, aquatic ecosystems research and urban epidemiology. It is this transdisciplinary perspective that allows metropolitan research to address recent social challenges of urban life, such as mobility, accessibility, or sustainability.