

Lecture Notes in Geoinformation and Cartography

Series Editors: William Cartwright · Georg Gartner · Liqiu Meng · Michael P. Peterson

Susanne Rau · Ekkehard Schönherr *Editors*

Mapping Spatial Relations, Their Perceptions and Dynamics

The City Today and in the Past

This book is the product of an eponymous workshop, which took place in Erfurt in May, 2012, and which has since then been supplemented with four further contributions. The topics focus on the potential mapping of perceived urban space and spatial hierarchies as a consequence of social usage (undertaken by a variety of active participants) together with spatio-temporal changes as a result of factors such as demographic urban growth and decline. Historians, cartographers and geographers are brought together to present and discuss different models, ideas and new methods of spatial analysis and modes of representing changes in perceptions. The two main subjects are: the epistemology of spatial change and the question of (historical) media and adequate presentation. This work represents a first step toward the development of a new model for mapping urban changes and spatial relations concerning the past, present and future.

About the Series

The Lecture Notes in Geoinformation and Cartography series provides a contemporary view of current research and development in Geoinformation and Cartography, including GIS and Geographic Information Science. Publications with associated electronic media examine areas of development and current technology. Editors from multiple continents, in association with national and international organizations and societies bring together the most comprehensive forum for Geoinformation and Cartography.

The scope of Lecture Notes in Geoinformation and Cartography spans the range of interdisciplinary topics in a variety of research and application fields. The type of material published traditionally includes:

- proceedings that are peer-reviewed and published in association with a conference;
- post-proceedings consisting of thoroughly revised final papers; and
- research monographs that may be based on individual research projects.

The Lecture Notes in Geoinformation and Cartography series also includes various other publications, including:

- tutorials or collections of lectures for advanced courses;
- contemporary surveys that offer an objective summary of a current topic of interest; and
- emerging areas of research directed at a broad community of practitioners.

Geography

ISSN 1863-2246

ISBN 978-3-319-37608-0



► springer.com



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