LSGI's scholars publish the book Urban Informatics
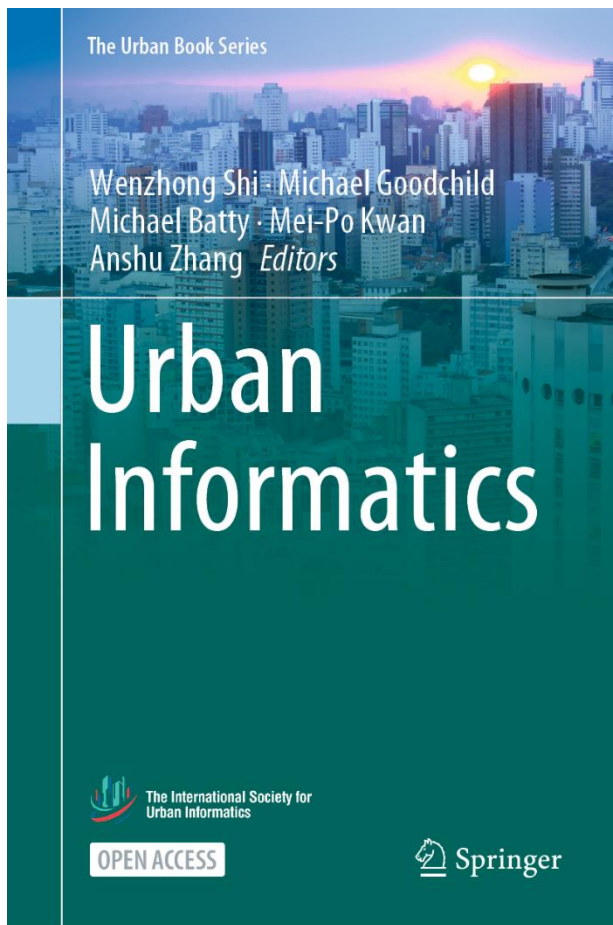

The new book entitled *Urban Informatics* has been edited by Prof. Wenzhong Shi (Chair Professor of LSGI), Prof. Michael Goodchild (University of California, Santa Barbara), Prof. Michael Batty (University College London), Prof. Mei-Po Kwan (The Chinese University of Hong Kong) and Dr. Anshu Zhang (Research Assistant Professor of LSGI), was published on 8 April 2021. This is open access and a milestone book which systematically introduces the principles of emerging urban informatics and its wide applications in enabling cities to function more efficiently and equitably, to become 'smart' and 'sustainable'.

The milestone book brings together over 140 authors from more than 40 world-leading research teams. The book is organized into five main parts: urban science, urban systems and applications, urban sensing, urban big data infrastructure, and urban computing. For each field which are covered under the five parts, the book offers a comprehensive review and a detailed technical introduction to the principles, methods and tools that form the core of urban informatics. It also outlines ways in which these methods and tools can be used to inform the design, policy, and management of urban services as well as ways in which cities can be planned to become more efficient with a greater concern for environment and equity.

The open access book can serve as a reference book for the researchers and professionals, as well as a textbook for relevant postgraduate and undergraduate courses. The book can be freely downloaded at: https://link.springer.com/book/10.1007%2F978-981-15-8983-6.