1. Record Nr. UNINA9910295747403321 Autore van Maarseveen Martin Titolo GIS in Sustainable Urban Planning and Management / / edited by Martin van Maarseveen, Javier Martinez, Johannes Flacke Leiden, : CRC Press, 2019 Pubbl/distr/stampa 1-351-37908-9 **ISBN** 1-315-14663-0 1 online resource (xii, 351 ages) : digital, PDF file(s) Descrizione fisica Altri autori (Persone) MaarseveenMartin van **MartinezJavier** FlackeJohannes 307.12160285 Disciplina Soggetti City planning - Data processing Geographic information systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Sommario/riassunto GIS is used today to better understand and solve urban problems. This book explores and illustrates the use of geo-information in the planning and management of urban regions. The first part of the book addresses the concept of sustainable urban development, its different frameworks, the many ways of measuring sustainability, and its value in the urban policy arena. The second part discusses how urban planning can shape our cities, examines various spatial configurations of cities, the spread of activities, and the demands placed on different functions to achieve strategic objective. It further focuses on the recognition that urban dwellers are increasingly under threat from natural hazards and

climate change.