Record Nr. UNINA9910790329503321 Autore Zhang Wenjun **Titolo** Computational ecology [[electronic resource]]: graphs, networks, and agent based modeling / / Wenjun Zhang Hackensack, N.J.,: World Scientific, 2012 Pubbl/distr/stampa **ISBN** 1-281-60356-2 9786613784254 981-4343-62-5 Descrizione fisica 1 online resource (382 p.) Disciplina 577.0151 Soggetti Ecology - Mathematical models Multiagent systems Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. Graphs -- pt. 2. Networks -- pt. 3. Agent-based modeling. Sommario/riassunto Graphs, networks and agent-based modeling are the most thriving and attracting sciences used in ecology and environmental sciences. As such, this book is the first comprehensive treatment of the subject in the areas of ecology and environmental sciences. From this integrated and self-contained book, researchers, university teachers and students will be provided with an in-depth and complete insight on knowledge, methodology and recent advances of graphs, networks and agentbased-modeling in ecology and environmental sciences. Java codes and

a standalone software package will be presented in th