1. Record Nr. UNINA9910404091603321

Autore	Han Hoon
Titolo	Approaches, Advances and Applications in Sustainable Development of Smart Cities
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2020
ISBN	3-03928-013-9
Descrizione fisica	1 online resource (308 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book aims to contribute to the conceptual and practical knowledge pools in order to improve the research and practice on the sustainable development of smart cities by bringing an informed understanding of the subject to scholars, policymakers, and practitioners. This book seeks articles offering insights into the sustainable development of smart cities by providing in-depth conceptual analyses and detailed case study descriptions and empirical investigations. This way, the book will form a repository of relevant information, material, and knowledge to support research, policymaking, practice, and transferability of experiences to address aforementioned challenges. The scope of the book includes the following broad areas, with a particular focus on the approaches, advances, and applications in the sustainable development of smart cities: • Theoretical underpinnings and analytical and policy frameworks; • Methodological approaches for the evaluation of smart and sustainable cities; • Technological developments in the techno-enviro nexus; • Global best practice smart city case investigations and reports; • Geo-design and applications concerning desired urban outcomes; • Prospects, implications, and impacts concerning the future of smart and sustainable cities.

2. Record Nr. UNINA9910566461603321

Autore	Whitworth David
Titolo	Myxobacteria : Physiology and Regulation
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (160 p.)
Soggetti	Biology, life sciences Microbiology (non-medical) Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Myxobacteria are fascinating and important prokaryotes. They have large genomes and exhibit a wide range of interesting behaviors, including multicellular fruiting body formation, social interaction, predation, and secondary metabolite production. Substantial progress is being made in understanding their ecological roles and the evolutionary forces that have shaped their phenotypes and behaviors. Novel species of myxobacteria are regularly described, often producing unusual metabolites and enzymes which can be of significant biotechnological interest. Molecular studies, ranging in subject from individual enzymes to entire 'omes, continue to provide rich insights into myxobacterial biology. This collected volume brings together five research articles and three reviews, to provide a snapshot of current myxobacterial research in all its diversity.