1.	Record Nr.	UNINA9910377822703321
	Titolo	Smart Village Technology : Concepts and Developments / / edited by Srikanta Patnaik, Siddhartha Sen, Magdi S. Mahmoud
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-37794-6
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (XXVI, 409 p. 70 illus., 51 illus. in color.)
	Collana	Modeling and Optimization in Science and Technologies, , 2196-7326 ; ; 17
	Disciplina	307.1412
	Soggetti	Computer engineering Internet of things Embedded computer systems Urban geography Sustainable development Agriculture Artificial intelligence Cyber-physical systems, IoT Urban Geography / Urbanism (inc. megacities, cities, towns) Sustainable Development Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Smart Village Initiatives: An Overview -- IOT, smart technologies and smart policing: the impact for rural communities -- Scientific, technological, and innovation dynamics in nanotechnology among OECD countries and implications for Latin America -- Digital Periphery? A community case study of digitalization efforts in Swiss mountain regions -- Digitalization and its impact on life in rural areas: Exploring the two sides of the Atlantic: USA and Germany -- Government versus private sector led smart village development policies and programs in India -- Can Haphazard Growth in Urban Villages be Prevented? Experience from Planning for the Ahmedabad-Gandhinagar Region -- Information and communication technology for small-scale farmers:

challenges and opportunities -- Big Data for Smart Agriculture -- Smart Farming. .

Sommario/riassunto	This book offers a transdisciplinary perspective on the concept of "smart villages" Written by an authoritative group of scholars, it discusses various aspects that are essential to fostering the development of successful smart villages. Presenting cutting-edge technologies, such as big data and the Internet-of-Things, and showing how they have been successfully applied to promote rural development, it also addresses important policy and sustainability issues. As such, this book offers a timely snapshot of the state-of-the-art in smart village research and practice. .