

1. Record Nr.	UNINA9910366652603321
Titolo	Human Geoscience // edited by Yukio Himiyama, Kenji Satake, Taikan Oki
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-329-224-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 339 p. 142 illus., 105 illus. in color.)
Collana	Advances in Geological Science, , 2524-3829
Disciplina	550
Soggetti	Physical geography Natural disasters Sustainable development Climatic changes Human geography Urban geography Earth System Sciences Natural Hazards Sustainable Development Climate Change/Climate Change Impacts Human Geography Urban Geography / Urbanism (inc. megacities, cities, towns)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This book is a product of the joint efforts of interdisciplinary academic fields under the integrative framework of human geoscience. Human geoscience is a new genre of geoscience concerned with the natural phenomena that occur on the surface of the Earth and their relations with human activities. It therefore has connections with many fields of geoscience, namely, physical geography, geomorphology, geology, soil science, sedimentology, seismology, volcanology, meteorology, climatology, oceanography, and hydrology. It also has strong links to the humanities, social sciences, agricultural sciences, and engineering related to disaster prevention or mitigation. All these disciplines are

important fields for understanding disasters and global environmental problems and for evaluating the associated risks comprehensively, then proposing mitigation strategies. The volume is designed for those who may not necessarily have a geoscience background but have broad scientific interest in understanding the causes, mechanisms, and consequences of geo-disasters and global environmental problems and wish to make the world more sustainable on that basis. The book consists of six parts: I. Introduction, II. Earth Surface Realms, III. Natural Resources and Society, IV. Natural Hazards and Society, V. Global Environmental Problems, and VI. Global Sustainability Programmes and Human Geoscience, which discusses the contribution of this field of science to a new comprehensive framework for global sustainability.
