

1. Record Nr.	UNINA9910557746303321
Autore	Singh Simron
Titolo	The Metabolism of Islands
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 electronic resource (201 p.)
Soggetti	Research & information: general Biology, life sciences Ecological science, the Biosphere
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This book makes the case for why we should care about islands and their sustainability. Islands are hotspots of biocultural diversity and home to 600 million people that depend on one-sixth of the earth's total area, including the surrounding oceans, for their subsistence. Today, they are at the frontlines of climate change and face an existential crisis. Islands are, however, potential "hubs of innovation" that are uniquely positioned to be leaders in sustainability and climate action. This volume argues that a full-fledged program on "island industrial ecology" is urgently needed, with the aim of offering policy-relevant insights and strategies to sustain small islands in an era of global environmental change. The nine contributions in this volume cover a wide range of applications of socio-metabolic research, from flow accounts to stock analysis and their relationship to services in space and time. They offer insights into how reconfiguring patterns of resource use will allow island governments to build resilience and adapt to the challenges of climate change.</p>