1. Record Nr. UNINA9910682563703321

Autore	Glaeser Georg
Titolo	Ecosystems of the Mediterranean Sea : A Photographic Dive / / by Georg Glaeser, Daniel Abed-Navandi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-22334-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (209 pages)
Disciplina	577.738
Soggetti	Freshwater ecology Marine ecology Biotic communities Zoology Biodiversity Freshwater and Marine Ecology Ecosystems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Habitat: Sunlit Rocky Grounds -- Habitat: Shady Rocky Grounds -- Habitat: Dark Caves -- Habitat: Intertidal Zone -- Habitat: Sandy Grounds -- Habitat: Seagrass -- Habitat: Muddy Grounds -- Habitat: Open Waters -- Humans and the Sea.
Sommario/riassunto	This book invites snorkelers and divers on an educational visit to the most important ecosystems of the Mediterranean Sea. Keystone species from brown algae to dolphins are presented in their marine habitats and understood as part of a complex ecological system. Instead of grouping animals and plants taxonomically, we have organised them according to the eight main habitats of the Mediterranean Sea. Our journey starts with different types of rocky grounds, then takes you further to the Mediterranean’s sandy and muddy grounds, and finally ends with the fish and dolphins of the blue open sea. You will be introduced to 220 ecologically significant animal and plant species via the texts of Daniel Abed-Navandi, a long-time lecturer on the biodiversity of the Mediterranean Sea at the University of Vienna, and

		the photographs of Georg Glaeser, the master behind the camera, who captures marine life on the spot.

2.	Record Nr.	UNINA9910254251703321
	Titolo	Computational Sustainability / / edited by Jörg Lässig, Kristian Kersting, Katharina Morik
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-31858-6
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (VI, 276 p. 98 illus., 75 illus. in color.)
	Collana	Studies in Computational Intelligence, , 1860-949X ; ; 645
	Disciplina	006.3
	Soggetti	Computational intelligence Application software Energy consumption Software engineering Management Industrial management Computational Intelligence Information Systems Applications (incl. Internet) Energy Efficiency Software Engineering Innovation/Technology Management
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Sustainable Development and Computing - an Introduction -- Wind Power Prediction with Machine Learning -- Statistical Learning for Short-Term Photovoltaic Power Predictions -- Renewable Energy Prediction for Improved Utilization and Efficiency in Datacenters and Backbone Networks -- A Hybrid Machine Learning and Knowledge Based Approach to Limit Combinatorial Explosion in Biodegradation Prediction -- Feeding the World with Big Data: Uncovering Spectral Characteristics and Dynamics of Stressed Plants -- Global Monitoring

	of Inland Water Dynamics: State-of-the-art, Challenges, and Opportunities -- Installing Electric Vehicle Charging Stations City-Scale: How Many and Where? -- Computationally Efficient Design Optimization of Compact Microwave and Antenna Structures -- Sustainable Industrial Processes by Embedded Real-Time Quality Prediction -- Relational Learning for Sustainable Health -- ARM Cluster for Performant and Energy-efficient Storage.
Sommario/riassunto	The book at hand gives an overview of the state of the art research in Computational Sustainability as well as case studies of different application scenarios. This covers topics such as renewable energy supply, energy storage and e-mobility, efficiency in data centers and networks, sustainable food and water supply, sustainable health, industrial production and quality, etc. The book describes computational methods and possible application scenarios.