

1. Record Nr.	UNINA9910483962103321
Titolo	The Ocean of Tomorrow : The Transition to Sustainability – Volume 2 / / edited by Phoebe Koundouri
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-56847-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXVIII, 257 p. 60 illus., 51 illus. in color.)
Collana	Environment & Policy, , 2215-0110 ; ; 57
Disciplina	333.9164
Soggetti	Environment Oceanography Offshore structures Education Biology - Technique Environmental Sciences Ocean Sciences Offshore Engineering Biological Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Introduction to the Oceans of Tomorrow: The Transition to Sustainability -- Chapter 2: Stakeholder involvement in technological design: Lessons learned from the MERMAID and TROPOS projects -- Comparative Financial Analysis of marine multi-purpose platforms projects: MERMAID and TROPOS projects -- Social acceptance and socioeconomic effects of Multi-Use Offshore Developments: Theory and Applications in MERMAID and TROPOS projects -- Chapter 5: An interdisciplinary web-based Decision Support System for socio-economic assessment of marine investments: The MERMAID project -- Chapter 6: Techno- and socio-economic models of production with application to aquaculture: Results from the BlueBRIDGE Project -- Chapter 7: Increasing land-sea synergies and coastal-rural collaboration for a healthy ocean: The COASTAL project -- Chapter 7: Increasing land-sea synergies and coastal-rural collaboration for a

healthy ocean: The COASTAL project -- Chapter 9: Tackling single-use-plastic products in the Eastern Mediterranean Sea: The BL.EU Climate and MedFreeSup projects -- Chapter 10: Sustainable Shipping: Levers of Change -- Chapter 11: New Challenges and Opportunities for Sustainable Ports: The Deep Demonstration in Maritime Hubs project -- Chapter 12: Circular Economy in National Smart Specialization Strategies: The case of Greece -- Chapter 13: Conclusions and Recommendations.

Sommario/riassunto

As a response to the climate crisis and its effect on marine ecosystems and coastal populations, this book proposes concrete science driven solutions at establishing transformation pathways towards Sustainable Blue Growth, that are supported by technically and socially innovative innovations. This book proposes investment options and management solutions that have the potential of making our seas and oceans resilient to crises- climate, financial, health- by laying the foundations for a green/blue, circular economy that is anchored in science driven solutions and geared toward public well-being. Now is the time to usher in systemic economic change and the good news is that we have our blueprint: it's the combination of UN Agenda 2030 (17 SDG) and European Commission's European Green Deal! There is no doubt that the Earth's survival will depend on the protection and sustainable management of our seas and oceans and the resources they provide. This is recognized by the Joint Communication on International Ocean Governance, which is an integral part of the EU's response to the United Nations' 2030 Agenda for Sustainable Development, and in particular to the targets set out by Sustainable Development Goal 14 (SDG 14) to "conserve and sustainably use the oceans, seas and marine resources". The analytical framework and science-driven concrete management solutions proposed in this book can accelerate the transition to a sustainable management of our seas and oceans, by turning the current challenges into opportunities for sustainable economic growth which is both environmentally resilient and leaves no one behind.
