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Titolo	Decarbonization of Maritime Transport // edited by Burak Zincir, Pravesh Chandra Shukla, Avinash Kumar Agarwal
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Descrizione fisica	1 online resource (xiii, 214 pages) : illustrations (some color)
Collana	Energy, Environment, and Sustainability, , 2522-8374
Disciplina	799
Soggetti	Vehicles Engines Transportation engineering Traffic engineering Sustainability Vehicle Engineering Engine Technology Transportation Technology and Traffic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- LCA Studies on Marine Alternative Fuels -- Life Cycle Emissions of Fossil Fuels and Biofuels for Maritime Transportation -- Use of Alcohol-Diesel Fuel Blends in CI Engine: A Review -- Hydrogen Fueled Marine Engine's Adaptation for Near Future -- Investigation and Examination of LNG, Methanol, and Ammonia Usage on Marine Vessels -- Electrification and Hybridization of Ferries: State of the Art and Case Study -- SWOT Analysis of Carbon Capture, Storage and Transportation for Maritime Industry -- Green Port Concept -- Evaluation of the Environmental Contributions of the Green Port Concept -- Energy Efficiency and Management on Ships -- Alternative Approaches on the Decision of Market-based Measures.
Sommario/riassunto	This contributed book focuses on decarbonization of maritime transport by highlighting different aspects of decarbonization methods indicated in the International Maritime Organization's Initial

Greenhouse Gas Strategy (2018). The book contains studies on alternative fuels and alternative energy systems with their life cycle assessment, electrification and hybridization of ships, carbon capture technologies, green port concept, energy efficiency management, and market-based measures. This book will be of interest to those working in academia and industry in maritime technologies and transportation.
