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Autore	Widjaja Raden Sjarief
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Soggetti	Marine engineering Engineering geology Marine Engineering Geoengineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	A review of optimizing ship productivity during crude palm oil shipping using articulated tug and barge system -- Cost and effects of vehicle ship lashing on ferry vessels -- Analysis of competition between land transportation and sea transportation in north kolaka regency -- Experimental study of forecasting methods for the passenger terminal development plan of the nabire port -- Unveiling new dimensions a scoping review and bibliographic analysis in port resilience with a focus on oil and gas marine terminals -- Strategic partnership strategy and its effect on port performance case study of new priok container terminal 1 in kalibaru terminal -- Experimental study of forecasting methods for the passenger terminal development plan of the sri bintan pura port -- Comparison of ship owned service quality between pt pelni and pt dlu by using fuzzy c means method -- Optimization of permits for operation of crossing transport vessels in maluku province using binary logistics regression -- Grouping policy ticket price for passenger ship services pt dharma lautan utama using k means clustering method -- The impact of infrastructure development on improving indonesias logistics performance -- Development of smart port in indonesia using blockchain technology a literature review -- Establishment of sustainable green fishing port principles towards

indonesian blue economy and sustainable maritime development -- Green port priority development strategy with fuzzy ahp approach a case at port of tanjung emas semarang -- Alternative fuels training for seafarers to support shipping decarbonization.

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#### Sommario/riassunto

This book explores a variety of research topics in marine technology delving into a wide array of crucial research topics within the maritime industry and its technology, encapsulating the latest research findings presented at The 8th International Conference on Marine Technology (SENTA 2023). It provides the exchange of recent knowledge, experiences, and innovations in the field of marine science and technology encompassing naval architecture and technology; marine system and safety; ocean, coastal, and offshore engineering; shipping, port, and maritime logistics; underwater technology; and advanced technology in maritime industry. This book covers studies ranging from ship design and production technique comprising ship design process, ship hydrodynamics, ship structure and advanced ship material, and ship management and production technology. The book also examines the invention in marine operation, marine machinery and maintenance system, and marine safety including digital technology in marine system and safety. It also addresses the topics on coastal, ocean, and offshore technology starting from coastal/offshore hydrodynamics, ocean energy, mooring line analysis to offshore structure analysis. In addition, shipping, port, and marine logistic researches are also conveyed in this book especially on shipping operation optimization, port development, green port, and smart shipping development. Moreover, underwater technology and advanced technology in marine industry i.e. computer vision technology for underwater vehicles, digital technology on ship design and production, and advanced computer technology in port and shipping development are discovered. In overall, this book offers a cradle for the exchange of ground-breaking ideas, fostering collaboration, and potentially setting the stage for significant developments in the marine technology.

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