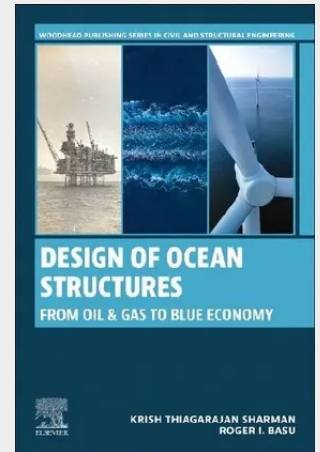


Design of Ocean Structures

From Oil and Gas to Blue Economy

Design of Ocean Structures: From Oil and Gas to Blue Economy offers specialized knowledge that serves to develop efficient, safe, and longlasting infrastructure systems for the transition to sustainable utilization of resources from the world's oceans. The book's authors draw from their academic and industry experience to provide the most up-to-date, technical advances applied to the design, construction, and operation of farm-scale, bottom-fixed, or floating installations whose purposes include production of renewable energy, extraction of minerals, and open water aquaculture.

Effective engineering methodologies accompany discussions of recent, interesting projects, challenges encountered, and other practical lessons learned through coherent case study examples. The book's easy-to-follow organization concludes with a look at the effects of climate change on the ocean environment and future implications that may further affect design criteria and guidelines. This valuable reference volume is intended for audiences from a variety of engineering spheres who already have foundational understanding of structural design theory and practice and are hoping to transfer and adapt their underlying analytical skills to emerging blue economy sectors.



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