



*water*



*Special Issue Reprint*

## **Marine Bearing Capacity and Economic Growth**

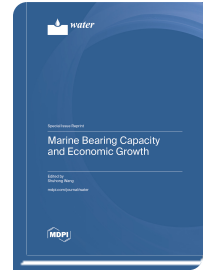
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This Reprint brings together a collection of interdisciplinary studies focused on marine carrying capacity and its intricate relationship with sustainable economic growth and environmental governance. As nations increasingly look toward the ocean for economic expansion, the challenge of balancing resource utilization with ecological preservation has become critical. The contributions in this volume explore diverse themes, including the role of environmental regulation in promoting green total factor productivity in marine fisheries, simulation-based assessments of the coordination between marine resources and economic systems, and the impact of regional financial development on the sustainability of coastal economies. Several articles introduce innovative modeling approaches—such as super-efficiency SBM-GML, system dynamics simulations, and spatial econometrics—to evaluate ecological risks, economic resilience, and policy effectiveness. Additionally, the studies address regional disparities in marine development, the evolving structure of marine industries, and the synergy between marine economy high-quality development and carrying capacity enhancement. Together, these papers provide valuable theoretical and empirical insights for policymakers, researchers, and practitioners aiming to optimize marine resource management, foster ecological resilience, and guide the transformation toward a sustainable and high-quality blue economy.



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