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River Delta, China -- 12. Remote Sensing-Based Monitoring of Some Critical Water Indicators along High-Polluted Coasts in Guangdong Province, China -- 13. Current State of China's Xuwen Coral Reef Ecological Health -- 14. Monitoring Anthropogenic Disturbance with Benthic Macroinvertebrates and their Isotopic Compositions in a Typical Subtropical River -- 15. Epilithic Diatom Biogeography and its Implications to Ecological Conditions of Brooks in South China -- 16. Biodiversity of the Harmful Benthic Dinoflagellates in the Tropical Waters of the South China Sea -- 17. Coastal Environmental Bioremediation and Seaweed Resource Utilization.

Sommario/riassunto

This book includes a selection of the best papers presented at the Jinan Forum on Geography and Ecological Sustainability held in Guangzhou, China, from 17 to 19 February 2017, as well as several invited papers. It discusses concepts, methods, and applications in geography and ecology with an emphasis on various issues challenging ecological sustainability in China. Chapters are written by leading scholars and researchers from a variety of disciplines including geography, ecology, environmental science and policy, and economics. Case studies are predominantly drawn from Southern China, where nearly four decades of dramatic urbanization has caused economic and ecological strains on land and people. This book will appeal to a wide readership including researchers, upper-division undergraduate and graduate students, and professionals in the fields of sustainability science, geography, ecology, and environmental science and policy.
