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Nota di contenuto	1. Status and Management Efforts of Mangrove Habitats in South Florida -- 2. Threats on biodiversity and management challenges for the Sundarbans mangrove forest of Bangladesh -- 3. Conservation in Mangrove Forests of Northeast Brazil, investigated through the diversity of Drosophilidae -- 4. Blue carbon potential of community-managed mangrove forests -- 5. The (beneficial) effects of mangrove forest to sea defence structures -- 6. Mangrove species composition change over the last 50 years in Bangladesh and associated threats to the Sundarbans -- 7. Towards sustainability and protection of threatened coastal ecosystems: Management strategies for a rare stone mangrove in Gorda Beach, Buzios, Brazil -- 8. Natural and human-induced impacts on the Isla Salamanca Natural Park, Caribbean Coast of Colombia -- 9. An analysis of mangrove establishment in an artificial estuarine channel, Singapore -- 10. Vulnerability of Mangrove Forest

Wetland Ecosystems in The Sundarbans Natural World Heritage Site of Bangladesh -- 11. Assessment and Management strategies of Mangrove Forest in Brunei Darussalam on the island of Borneo -- 12. The transitional mangrove scrub north of La Paz and Magdalena Bay in Baja California Sur -- 13. TBD (Current status of mangrove wetlands in Sinaloa, a biological corridor along the eastern margin of the Gulf of California) -- 14. TBD (Interaction of mangroves, coastal hydrodynamics and morphodynamics of the mangrove fringe along the coasts of Guiane française, Suriname and Guyana) -- 15. Mangrove Forests threatened in different Physiographic settings: some critical issues of natural impacts on the coastal fringing forests of India -- 16. TBD (The 'state-of-play' in Australia wherein mangroves are being destroyed or compromised anthropogenically) -- 17. TBD (Legislation side of mangrove protection in Australia) -- 18. Physical oceanography processes affecting tropical mangroves and their numerical parameterisations -- 19. Managing mangrove expansion in New Zealand - Erik Horstman et al -- 20. Heavy metal distribution and accumulation from natural and anthropogenic sources in tropical mangroves of India and Bangladesh -- 21. TBD (mangroves on the Brazilian Amazon coast regarding uses and restoration) -- 22. Mangrove forests in São Tomé and Príncipe Islands (Gulf of Guinea, Africa): Conservation and Management Status -- 23. High-Throughput Techniques as Tools for Knowledge-Based Spatial Conservation Prioritization in Mangrove Ecosystems -- 24. Ecosystem Design: When mangrove ecology meets human needs -- 25. TBD (Urban Mangroves) -- 26. Geospatial assessment of spatio-temporal changes in mangrove vegetation of Pichavaram region, Tamilnadu, India -- 27. Remote Sensing of Mangrove Forests: Current Techniques and Existing Datasets (or Databases) -- 28. TBD (Mangrove Forest Persian and Oman Gulf) -- 29. Challenges and Opportunities for Establishment of Mangrove Plantations in the Arabian Gulf Region -- 30. Impacts of urbanization on organic matter production within river-mangrove estuary systems: Examples from the Cocó and Pacoti Rivers, Ceará State, Brazil -- 31. Urban Mangrove Biology and Ecology.

Sommario/riassunto

This book focuses on the worldwide threats to mangrove forests and the management solutions currently being used to counteract those hazards. Designed for the professional or specialist in marine science, coastal zone management, biology, and related disciplines, this work will appeal to those not only working to protect mangrove forests, but also the surrounding coastal areas of all types. Examples are drawn from many different geographic areas, including North and South America, India, and Southeast Asia. Subject areas covered include both human-induced and natural impacts to mangroves, intended or otherwise, as well as the efforts being made by coastal researchers to promote restoration of these coastal fringing forests. .
