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Nota di contenuto	Machine generated contents note: 1. Introduction to Estuarine Ecology John W. Day, Jr., Alejandro Ya&ntilde;ez-Arancibia, W. Michael Kemp, and Byron C. Crump 2. Estuarine Geomorphology and Coastal Hydrology Gregg A. Snedden, Jaye E. Cable, and Bjorn Kjerfve 3. Estuarine Chemistry Thomas S. Bianchi 4. Estuarine Phytoplankton Hans W. Paerl and Dubravko Justić 5. Seagrass and Related Submersed Vascular Plants Jens Borum, Renee K. Gruber, and W. Michael Kemp 6. Coastal Marshes Carles Iba&ntilde;ez, James T. Morris, Irving A. Mendelssohn, and John W. Day, Jr. 7. Mangrove Wetlands Robert R. Twilley and John Day, Jr 8. Estuarine Benthic Algae Karen J. McGlathery, Kristina Sundback, and Peggy Fong 9. Estuarine Microbial Ecology Linda K. Blum and Aaron L. Mills 10. Estuarine Microbial Food Webs Byron C. Crump, Hugh W. Ducklow, and John E. Hobbie 11. Estuarine Zooplankton Mark C. Benfield 12. Estuarine Benthos James G. Wilson and John W. Fleeger 13. Estuarine Nekton James H. Cowan, Jr., Alejandro Ya&ntilde;ez-Arancibia, Patricia Sanchez-Gil, and Linda A. Deegan 14. The Ecology of Estuarine Wildlife Russell Greenberg 15. Ecosystem Metabolism Jeremy M. Testa, W. Michael Kemp, Charles S. Hopkins, Jr. and Stephen V. Smith 16. Estuarine Food Webs James D.

Hagy III and W. Michael Kemp 17. Budget Analyses of Estuarine Ecosystems Walter R. Boynton and Scott W. Nixon 18. Fisheries in Lagoon-Estuarine Ecosystems Daniel Pauly and Alejandro Yañez-Arancibia 19. Human Impact and Management of Estuarine Ecosystems John W. Day, Jr., Alejandro Yañez-Arancibia, and W. Michael Kemp 20. Global Climate Change and Estuarine Systems John M. Rybczyk, John W. Day, Jr., Alejandro Yañez-Arancibia, and James H. Cowan 21. Estuarine Ecological Modeling Enrique Reyes, Kenneth Rose, and Dubravko Justic.

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Sommario/riassunto

"Estuarine Ecology, Second Edition, covers the physical and chemical aspects of estuaries, the biology and ecology of key organisms, the flow of organic matter through estuaries, and human interactions, such as the environmental impact of fisheries on estuaries and the effects of global climate change on these important ecosystems. The second edition of this respected textbook provides much-needed updates and new chapters covering key topics in estuarine ecology"--

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