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Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Introduction -- Chapter One. The Physical Character of the Hudson and Its Watershed -- Chapter Two. Water, Circulation, and Salinity in the Hudson River -- Chapter Three. A Brief Introduction to the Hudson's Water Chemistry -- Chapter Four. Habitats, Biological Communities, and Biota -- Chapter Five. Ecology of the Major Habitats in the Hudson River: The Freshwater Channel -- Chapter Six. The Brackish-Water Channel -- Chapter Seven. The Vegetated Shallows -- Chapter Eight. Wetlands -- Chapter Nine. PCBs and Other Pollution in the Hudson -- Chapter Ten. Habitat Change and Restoration in the Hudson -- Chapter Eleven. Hudson River Fisheries -- Chapter Twelve. Nonnative Species and Their Ecological Effects -- Conclusion: A Few Parting Thoughts -- Index

Sommario/riassunto

This succinct book gives an intimate view of the day-to-day functioning of a remarkable river that has figured prominently in history and culture—the Hudson, a main artery connecting New York, America, and the world. Writing for a wide audience, David Strayer distills the large body of scientific information about the river into a non-technical overview of its ecology. Strayer describes the geography and geology of the Hudson and its basin, the properties of water and its movements in the river, water chemistry, and the river's plants and animals. He then takes a more detailed look at the Hudson's ecosystems and each of its major habitats. Strayer also discusses important management challenges facing the river today, including pollution, habitat destruction, overfishing, invasive species, and ecological restoration.
