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Descrizione fisica	1 online resource (XIV, 430 p. 240 illus., 198 illus. in color.)
Collana	Estuaries of the World, , 2214-1553
Disciplina	338.19 577.786347
Soggetti	Conservation biology Ecology Animal ecology Biodiversity Food—Biotechnology Conservation Biology/Ecology Animal Ecology Food Science Alimentació Abastament d'aliments Salut Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I. Introduction and Background -- Introduction: Starting the Journey to a Sustainable Ecosystem and Healthy People -- The Bay and Its Watershed: A Voyage Back in Time -- Scientific Concepts for Understanding the health of the Chesapeake Bay and its people -- Part II. Foundations of the Chesapeake Bay Food System and the Consequences of Over-Extraction -- The Algonquin Food System and how it Shaped the Ecosystem and Interactions with the English Colonists of the Chesapeake Bay -- A Fishing Trip: Exploiting and

managing the commons of the Chesapeake Bay -- Menhaden, the Inedible Fish that Most Everyone Eats -- Blue Crabs: Beautiful Savory Swimmers of the Chesapeake Bay -- The Chesapeake Bay Oyster: Cobblestone to Keystone -- Passenger Pigeon and Waterfowl: Flights to Extinction and Not -- Part III. Industrial-chemical Agriculture Reshapes the Bay's Ecosystem -- The journey from Peruvian Guano to Artificial Fertilizer ends with too Much Nitrogen in the Chesapeake Bay -- Pesticides bring the War on Nature to The Chesapeake Bay -- Livestock and Poultry: the Other Colonists who Changed the Food System of the Chesapeake Bay -- Part IV. Consequences of and Alternatives to the Standard American Diet: Human and Ecosystem Health -- Instead of Eating Fish: the Health Consequences of Eating Seafood from the Chesapeake Bay Compared to Other Choices -- Sugar Twice Enslaves: Consequences for the People of the Chesapeake -- Eutrophication: Obesity of the Bay and its People -- Finishing the Journey: Urine and Feces as Misplaced Resources -- Plastic Food System Waste Travels Far but Never Goes Away -- Part V. Looking to the Future: Ecology, Economics, Ethics, and Policy for Restoring the Health of the Bay and its People -- A New Food System for The Chesapeake Bay Region and a Changing Climate -- An Organic-Based Food System: A Voyage Back and Forward in Time -- What Nature, Politics and Policy Demand of the Chesapeake Bay and its Food System -- Ethics and Economics of Building a Food System to Recover the Health of the Chesapeake Bay and its People.

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Sommario/riassunto

This book explores a specific ecosystem in depth, in order to weave a story built on place and history. It incorporates the theme of a journey to help reveal the environment-human-health-food system-problem. While drawing on a historical approach stretching back to the American colonial era, it also incorporates more contemporary scientific findings. By crafting its story around a specific place, the book makes it easier for readers to relate to the content, and to subsequently use what they learn to better understand the role of food systems at the global scale.

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