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Nota di contenuto	Chapter 1. A General Introduction to the Concept of Blue Carbon -- Chapter 2. Carbon Dynamics in the Open Indian Ocean -- Chapter 3. Carbon Dynamics in the Estuaries and Continental Shelves of Indian Ocean -- Chapter 4. Blue Carbon Dynamics in the Indian Ocean Mangrove Ecosystems -- Chapter 5. Blue Carbon Dynamics in the Indian Ocean Seagrass Ecosystems -- Chapter 6. Blue Carbon Dynamics in the Indian Ocean Salt Marshes and Tidal Flats -- Chapter 7. An overview of the Indian Ocean coral ecosystems -- Chapter 8. Blue carbon dynamics of Australia -- Chapter 9. Threats to the blue carbon

Sommario/riassunto

This book gives an overview of various aspects of blue carbon dynamics from each country bordering the Indian Ocean. Given the importance of the topic of blue carbon, it can be assumed that in near future, more and more researchers from the Indian Ocean countries will pursue environmental research in this domain. This book is a ready reference to all those who are interested to have a holistic understanding about the ground scenario of blue carbon in the Indian Ocean. There are many research institutes situated in the periphery of the Indian Ocean that are devoted to nurturing the new avenues of marine carbon research. Researchers and scholars interested in this domain will find this book provides a good overview, wherein all the necessary information on the status and functioning of these blue carbon ecosystems are detailed in a concise way. The book is also helpful to postgraduate students of 'marine science' or those who have a specialization in 'marine biogeochemistry' or 'chemical oceanography' to develop a basic understanding about the very concept of 'blue carbon' from the perspective of the Indian Ocean.