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Altri autori (Persone)	LeeShing Yip LaiDerrick Yf MarchandCyril
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Nota di contenuto	1. Introduction -- 2. Decomposition of vascular plants and carbon mineralization in coastal wetlands -- 3. CO and CH emissions from coastal wetland soils -- 4. Biosphere-atmosphere exchange of CO and CH in mangrove forests and salt marshes -- 5. Macrofaunal consumption as a mineralization pathway -- 6. Water-air gas exchange of CO and CH in coastal wetlands -- 7. Impact of climate change and related disturbances on CO and CH cycling in coastal wetlands -- 8. The role of biogenic structures for greenhouse gas balance in vegetated intertidal wetlands -- 9. Greenhouse gas emissions from intertidal wetland soils under anthropogenic activities -- 10. Carbon storage and mineralization in coastal wetlands.
Sommario/riassunto	"Carbon Mineralization in Coastal Wetlands: From Litter Decomposition to Greenhouse Gas Dynamics fills the current knowledge gap in carbon mineralization, providing a balanced view of the carbon dynamics of coastal wetlands. This book provides a holistic treatment of carbon mineralization, from the contributions of litter/root decomposition pathways to carbon mineralization and the processes and sources of greenhouse gas production. This book compares carbon mineralization in coastal wetlands and highlights differences in carbon dynamics. As studies on blue carbon have strongly emphasized the storage potential

of coastal wetlands, this book serves as an ideal resource on the topics discussed."--
