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Soggetti	Geobiology Climate change Environmental sciences Coasts Marine sciences Freshwater Biogeosciences Climate Change/Climate Change Impacts Environmental Science and Engineering Coastal Sciences Marine & Freshwater Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	From the Contents: Inventory and Monitoring of coral reefs of UAE, Arabian Gulf, using remote sensing techniques -- Change in Mangrove Forest Cover and Deltaic Islands in Sundarban Areas of West Bengal -- Mangrove responses to climate change along the southwestern coast of India during Holocene -- Climate Impact and Conservation Planning -- Biochemical Composition of Seaweeds after the influence of oil spill from Tasman spirit at the coast of Karachi -- Ecological characteristics of the different coastal ecosystems of the Andaman islands -- Predicted recurrence of coral bleaching events along Lakshadweep reef region -- Climate and Sea Level Changes In a Holocene Bay Head Delta.

"Climate Change and Island and Coastal Vulnerability" is the outcome of a selection of peer reviewed edited papers presented at the International Workshop on Climate Change and Island Vulnerability (IWCCI) held at Kadmat Island, Lakshadweep, India in October 2010. Marine and Coastal Biodiversity, Sea level Rise Vulnerability, Fisheries, Climate Change Impact on Livelihood Options, Water and Sanitation in Island Ecosystem and Mitigation, Adaptation and Governance are the focal themes. The basic concept conveyed in the book is that biodiversity of islands is to be protected as a natural mechanism to mitigate climate change. Probability recurrence of mass coral bleaching and the management of coral reefs and their future protection are discussed in this book. Marine Productivity and Climate Change for the last ten thousand years in the Arabian Sea have been examined with core records. Green technology is suggested as an important tool for mitigation and adaptation programmes in Climate Change. Measures taken to project Biomass utilisation of Islands as an energy source is delineated. Climate Change will have a potential threat on human health. Improved sanitation packages and models that are cost effective and environment-friendly for Islands are uniquely presented in this book.

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