

1. Record Nr.	UNINA9910298407403321
Titolo	Brazilian Estuaries : A Benthic Perspective // edited by Paulo da Cunha Lana, Angelo Fraga Bernardino
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-77779-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIX, 212 p. 42 illus., 16 illus. in color.)
Collana	Brazilian Marine Biodiversity, , 2520-1085
Disciplina	577
Soggetti	Biodiversity Physical geography Freshwater ecology Marine ecology Conservation biology Ecology Sustainability Earth System Sciences Freshwater and Marine Ecology Conservation Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	General introduction -- Estuaries from the Amazonian Ecoregion -- Estuaries from the Northeastern Ecoregion -- Estuaries from the Eastern Ecoregion -- Estuaries from the Southeastern Ecoregion -- Estuaries from the Southern Ecoregion.
Sommario/riassunto	This book presents the main drivers of benthic structure and processes in estuaries from the 8,000 km-Brazilian coast, assesses the influence of natural and human disturbance, and discusses their ecological importance and management needs. Estuaries are unique coastal ecosystems often with low biodiversity that sustain and provide essential ecological services to mankind. These ecosystems include a variety of habitats with their own sediment-fauna dynamics, all of them globally altered or threatened by human activities. Mangroves,

saltmarshes, tidal flats and other confined estuarine systems are under increasing stress by overfishing and other human activities leading to habitat and species loss. Combined changes in estuarine hydromorphology and in climate pose severe threats to estuarine ecosystems at a global scale.
