

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910254137903321 |
| Titolo | Encyclopedia of Estuaries // edited by Michael J. Kennish |
| Pubbl/distr/stampa | Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2016 |
| ISBN | 94-017-8801-4 |
| Edizione | [1st ed. 2016.] |
| Descrizione fisica | 1 online resource (330 illus., 197 illus. in color. eReference.) |
| Collana | Encyclopedia of Earth Sciences Series, , 1871-756X |
| Disciplina | 551.461803 |
| Soggetti | Physical geography Oceanography Water Hydrology Freshwater ecology Marine ecology Pollution Earth System Sciences Ocean Sciences Freshwater and Marine Ecology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Adaptive Governance -- Adaptive Management -- Aerobic Environments -- Age -- Airborne Laser Terrain Mapping (ALTM) -- Algal Blooms -- Alkalinity -- Amphipods -- Anadromous -- Anaerobic Environments -- Anoxia, Hypoxia, and Dead Zones -- Anthropogenic Impacts -- Archaea -- Artificial Reef -- Autotrophic -- Back Dune -- Backbarrier -- Bar -- Barrier Island -- Barrier Spits -- Beach Management -- Beach Processes -- Benthic Ecology -- Bioaccumulation -- Bioavailability -- Biochemical Oxygen Demand -- Biogenic Sedimentary Structures -- Biogenous Sediment -- Bioindicators -- Biomagnification -- Biomonitors -- Bioremediation -- Bivalve Aquaculture -- Bivalve Molluscs -- Blue Carbon -- Blue Crabs -- Bulkheads -- Carbon Sequestration -- Cheniers and Regressive Bedforms -- Clean Water Act -- Climate Change -- Coastal Barriers -- Coastal Bays -- Coastal Cliffs -- Coastal Erosion Control -- Coastal |

Indicators -- Coastal Lagoons -- Coastal Landforms -- Coastal Risks:
Floods -- Coastal Squeeze -- Coastal Wetlands -- Cordgrass --
Cultural Seafood Management -- Cyanobacteria -- Delta Plain --
Deltas -- Density Stratification -- Determining Geoheritage Values --
Detritus Food Webs -- Diagenesis -- Diffusion -- Dispersion --
Dissolved Oxygen -- Dredge and Fill -- Dredging -- Earthquake
Disturbances -- Ecological Modeling -- Ecological Monitoring --
Ecological Niche -- Ecological Stoichiometry -- Ecological Succession
-- Ecosystem-Based Management -- Ecotourism -- Emergent Shoreline
-- Endemic Species -- Environmental Gradients -- Epibiont --
Estuarine Beaches -- Estuarine Circulation -- Estuarine Connectivity --
Estuarine Deltaic Wetlands -- Estuarine Flocculation -- Estuarine
Geomorphology -- Estuarine Habitat Restoration -- Estuarine Sediment
Composition -- Estuarine Sedimentation -- Estuarine Sustainability --
Estuarine Total Ecosystem Metabolism -- Estuary Conservation --
Estuary Conservation Zone -- Eutrophication -- Evaporation and
Transpiration -- Exotic Species -- Extratropical Storms -- Extreme
Events (Hurricanes) -- Fiddler Crabs -- Firth -- Fish Assemblages --
Fjord -- Flocculation -- Flushing Time -- Food Chain -- Food
Web/Trophic Dynamics -- Foredune -- Forested Wetland Habitat --
Fringing Reef -- Geoheritage -- Geomorphological Mapping --
Glaciated Estuarine Systems -- Habitat Complexity -- Habitat Loss --
Halocline -- Halogenated Hydrocarbons -- Headland Breakwaters --
Heavy Minerals -- Herbivorous Grazers -- Herbivory -- Heterotrophic
-- Ichthyofauna -- Ichthyoplankton -- Infauna -- Intertidal Zonation
-- Introduced Species -- Invasive Species -- Karst Processes and
Estuarine Coastlines -- Kelp Forests -- Light Detection and Ranging
(LIDAR) -- Littoral Cordon -- Littoral Zone -- Lobster Migration --
Macroalgae -- Macroalgal Blooms -- Macrofauna -- Macronutrients --
Managed Realignment -- Mangroves -- Marine/Freshwater Mixing --
Marsh Drowning -- Marsh Islands -- Marsh Sediment Toxicity -- Mass
Physical Sediment Properties -- Mean Sea Level -- Meiofauna --
Microbial Degradation -- Microbial Survivability -- Microfauna --
Micronutrients -- Microphytobenthos -- Mineralization -- Mixotrophic
Plankton -- Mosquito Ditching -- Mutualism -- Nekton Behavioral
Ecology -- Neural Networks -- Neuston -- Nitrate Reduction --
Nitrification -- Nitrogen -- Nonpoint Source Pollution -- Nonstationary
Forcing -- Nutrient Dynamics -- Nutrient Limitation -- Nutrients -- Oil
Pollution -- Overwash -- Oxygen Depletion -- Oyster Reef --
Participatory Research -- Pathogens -- Peat -- pH -- Pharmaceuticals
-- Phi Scale -- Phosphorus -- Physiological Mechanisms --
Phytoplankton -- Phytoplankton Blooms -- Pneumatophores --
Polycyclic Aromatic Hydrocarbons -- Precautionary Principle --
Predator–Prey Relationships -- Public Trust Rights -- Redox Conditions
-- Residence Time -- Residual Circulation -- Revetments --
Rhodolith/Maerl -- Ria -- River-Dominated Estuary -- Rocky Intertidal
Shores -- Rocky Shore -- Salt Marsh Accretion -- Saltmarshes -- Sand
Mining/Beach Sand Mining -- Sand Ridge -- Sandbanks -- Sandflat --
Seabirds -- Seagrass Production Models -- Sea-Level Change and
Coastal Wetlands -- Secchi Disk -- Secondary Dune -- Sediment
Budgets -- Sediment Compaction -- Sediment Erosion -- Sediment
Grain Size -- Sediment Resuspension -- Sediment Sorting -- Sediment
Toxicity -- Sediment Transport -- Sedimentary Structures -- Seiche --
Shannon-Weaver Diversity Index -- Shell Beds -- Shellfish Production
-- Shore Protection -- Shorebirds -- Shoreline -- Shoreline Changes --
Shoreline Undulations -- Side-Scan Sonar Imaging of Sediment Bedload
-- Soft Computing -- Soft Sediment Communities -- Soldier Crabs
(Mictyridae) -- Species Richness -- Species Zonation -- SPIT -- Storm

Surges -- Stratigraphy Of Estuaries -- Structurally Dominated Estuary -- Subaqueous Soils -- Sublittoral zone -- Submerged Coasts -- Submergent Shoreline -- Sustainable Use -- Symbiosis -- Tectonic Eustasy -- Thermal Biology -- Tidal Asymmetry -- Tidal Datum -- Tidal Flat -- Tidal Flat Salinity Gradient -- Tidal Freshwater Habitat -- Tidal Hydrodynamics -- Tidal and Nontidal Oscillations -- Tidal Ranges -- Tidal Reflection -- Tides -- Timescale -- Tombolo -- Toxic Blooms -- Trace Metals in Estuaries -- Trophic Dynamics -- Turbidity -- Tycho plankton -- Uplifted Coasts -- Vulnerability Index -- Washover Fans -- Washovers -- Water Clarity -- Water Quality -- Water Resources and Climate Change -- Watershed -- Wave-Driven Sediment Resuspension -- Well-Mixed Estuary -- Wetlands -- Wetlands Reclamation -- Wrack -- Zooplankton.

Sommario/riassunto

The Encyclopedia of Estuaries, part of Springer's Encyclopedia of Earth Sciences Series, provides a single, state-of-the-art, comprehensive reference volume on estuaries for research scientists, educators, students, and others. Consisting of almost 270 subject entries in an easy-to-use format, this volume covers the physical, chemical, and biological characteristics of estuaries. In total more than 225 authors from around the world have contributed to the encyclopedia on such diverse subjects as biotic communities, essential habitats, food webs, fisheries, hydrology, pollution, conservation, and many more. The Encyclopedia of Estuaries will meet the needs of professionals worldwide by supplying detailed information from world-class estuarine and marine scientists as well as experts from other fields of study.
