Trace metals in soft tissues of two marine gastropod molluscs: Monodonta turbinata B. and Patella caerulea L. collected in a marine reference ecosystem  p. 3

Design of blasting in a tunnel in a coastal area near a protected breeding habitat of the Shag (Phalacrocorax Aristotelis)  p. 13

Environmental impact of saltwater in a stratified flow system and its remedial measure  p. 23

The application of ESI maps with the GIS technique to coastal oil-spill cleanups in Taiwan  p. 33

Towards sustainable coastal planning and policies from a Malaysian perspective  p. 45

Assessment of Escherichia coli viability in coastal Sicilian waters by fluorescent antibody and [beta]-glucuronidase activity methods  p. 57

The use of thermophilic bacteria in accelerated hydrocarbon bioremediation  p. 67

The effect and the toxicity of Iranian oil dispersant (pars 1) on rainbow trout  p. 79

Alternative loading functions in the MSB pollution flushing model  p. 89

Simulating the effects of dredging on the pollutant particles originating from a wastewater treatment facility in a tidal river  p. 99

Clean up of contaminated sediments of the Taranto Harbour by stabilization/solidification treatment  p. 111

Ship-wave induced sediment transport in tidal creeks  p. 121

Variability of tidal current, density stratification and tidal flat sediment in a tidal river  p. 129

Temporal changes in sedimentation patterns within Haboro Harbor  p. 139

Environmental implications of the EUrosion project recommendations  p. 151

Hydrodynamic forcings and environmental impacts on the coast and shelf of Sao Bento do NE/Brazil  p. 165

Erosion of areas of oil and gas exploration along the coast of northeastern Brazil: the Guamare hotspot  p. 175

Morphodynamic study of the Ondarreta beach in San Sebastian (Spain)  p. 183

Successful rehabilitation of a sand dune system  p. 195

Racing against time, an unprecedented year: the US Army Corps of Engineers (USACE) response to the hurricanes of 2004  p. 205

Tires: unstable materials for artificial reef construction  p. 215

Sensitivity, exposure, and vulnerability of gravel beaches to petroleum pollution, Avalon Peninsula, Newfoundland, Canada  p. 225

Low-crested offshore breakwaters: a functional tool for beach management  p. 237

Implementation of W WIII wave model for the study of risk inundation on the coastlines of Campania, Italy  p. 249

A three-dimensional model of water circulation and temperature structure in the Caspian Sea  p. 261

Oil spill simulation in the Japan Sea  p. 273

Simulation of oil spill behaviour and response operations in PISCES  p. 279

Managing conflicting water resources requirements in coastal wetlands: case study Pevensey Levels, UK  p. 295

Effect of wrack accumulation on salt marsh vegetation, Baruch Institute, Georgetown County, South Carolina  p. 305
Vegetation - soils relationships in a wetland area of the Orinoco delta plain (Venezuela) p. 315

Imaging spectroscopy and integrated coastal zone management : a promising marriage p. 327

Neural network prediction of the low-frequency coastal sea level response using conventional and NECP/NCAR reanalysis data p. 341

Geomorphological and paleogeographic characterization of continental shelf of the Apodi-Mossoro River, RN/Brazil p. 351

Satellite based oil spill and ship detection service - from national towards pan-European multi-user services p. 361

Ozone concentrations in Kostaldea in the period 2001-2004 p. 369

Oil spill detection system : results from field trials October 2004 p. 377

Monitoring methods of dunefield susceptible to human activities in the Nisia Floresta area, eastern coast of the state of Rio Grande do Norte, Brazil p. 387

Experimental storm surge forecasting in the Bay of Bengal p. 397

A preliminary evaluation of unexpected ozone levels measured in Falconara, Italy p. 409

Influence of geochemical and anthropogenic sources on rainwater chemical composition in two coastal sites impacted by the gas and oil industry in Campeche, Mexico p. 419

Hydrodynamic simulation for urban drainage project : case study of Niteroi p. 429

Using the Mercator ocean forecasting system to compute coastal maritime pollution risk indicators on the Atlantic European coasts p. 437

Peculiarities of the water framework directive implementation in the Canary Islands’ superficial waters p. 447

Vulnerability assessment of the port and coastal infrastructure facilities of TRINMAR, on the Gulf of Paria, Trinidad, to sea level rise p. 457

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.