

1. Record Nr.	UNINA9910791838103321
Titolo	Estuaries [[electronic resource] ] : types, movement patterns and climatical impacts / / editors, Julian R. Crane and Ashton E. Solomon
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, 2009
ISBN	1-61122-492-6
Descrizione fisica	1 online resource (349 p.)
Collana	Environmental science, engineering and technology series
Altri autori (Persone)	CraneJulian R SolomonAshton E
Disciplina	551.46/18
Soggetti	Estuaries Estuarine ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""ESTUARIES: TYPES, MOVEMENT PATTERNS AND CLIMATICAL IMPACTS ""; ""ESTUARIES: TYPES, MOVEMENT PATTERNS AND CLIMATICAL IMPACTS ""; ""CONTENTS ""; ""PREFACE ""; ""ECOSYSTEM FUNCTIONING OF TEMPORARILY OPEN/CLOSED ESTUARIES IN SOUTH AFRICA ""; ""ABSTRACT""; ""INTRODUCTION ""; ""1. HYDRODYNAMICS &amp; SEDIMENTOLOGY ""; ""1.1. Catchment Processes ""; ""1.2. Coastal Processes ""; ""1.3. Estuarine Processes ""; ""2. PHYSICO-CHEMICAL ENVIRONMENT ""; ""2.1 Temperature ""; ""2.2 Salinity ""; ""2.3 Irradiance ""; ""2.4 Dissolved Oxygen ""; ""2.5 Inorganic Nutrients ""; ""3. PRIMARY PRODUCERS ""</p> <p>""3.1 Phytoplankton """"3.2 Microphytobenthos ""; ""3.3 Macrophytes ""; ""4. CONSUMERS &amp; TOP PREDATORS ""; ""4.1 Zooplankton ""; ""4.2 Meiofauna ""; ""4.3 Macrobenthos ""; ""4.4 Fish ""; ""4.5 Birds ""; ""5. THE FUTURE OF TOCES ""; ""5.1 Catchment and Flow Management ""; ""5.2 Artificial Breaching ""; ""5.3 Flood Plain Encroachment ""; ""5.4 Sand Mining Operations ""; ""5.5 Exploitation of Bioresources and Recreational Activities ""; ""5.6 Cultural Eutrophication ""; ""5.7 Climate Change Impacts ""; ""CONCLUSION ""; ""ACKNOWLEDGMENTS ""; ""REFERENCES ""</p> <p>""PALEOECOLOGICAL SIGNIFICANCE OF DIATOMS IN ARGENTINEAN ESTUARIES: WHAT DO THEY TELL US ABOUT THE ENVIRONMENT?"""" ABSTRACT ""; ""INTRODUCTION ""; ""DO ESTUARINE DIATOMS RELIABLY</p>

REFLECT ESTUARINE ENVIRONMENTAL CONDITIONS? ""; ""HOW MUCH INFORMATION ABOUT ECOLOGICAL REQUIREMENTS OF ESTUARINE DIATOMS DO WE HAVE? ""; ""Rio De La Plata Estuary ""; ""Mar Chiquita Coastal Lagoon ""; ""Quequen Grande Estuary ""; ""Quequen Salado Estuary ""; ""Baha Blanca Estuary ""; ""Estuaries from Patagonia and Tierra Del Fuego ""

""HOW CAN RESEARCHERS IMPROVE THE QUALITY OF DIATOM-BASED PALEOENVIRONMENTAL INFERENCES IN COASTAL SETTINGS OF ARGENTINA? """"CONCLUSIONS ""; ""ACKNOWLEDGMENTS ""; ""REFERENCES ""; ""APPENDIX I ""; ""APPENDIX II ""; ""ANTHROPOGENIC IMPACTS IN A PROTECTED ESTUARY (AMVRAKIKOS GULF, GREECE): BIOLOGICAL EFFECTS AND CONTAMINANT LEVELS IN SENTINEL SPECIES ""; ""ABSTRACT""; ""INTRODUCTION ""; ""AREA DESCRIPTION AND BACKGROUND ""; ""MATERIALS AND METHODS ""; ""Sampling ""; ""ANALYTICAL METHODS ""; ""Condition Index""; ""Chemical Analyses ""; ""Chlorinated compounds ""; ""Heavy metals ""

""Biomarkers """"Scope for growth ""; ""Acetylcholinesterase ""; ""Metallothionein""; ""Glutathione peroxidase ""; ""Microtox Bioassay ""; ""Statistical Analysis ""; ""RESULTS""; ""Condition Index ""; ""Contaminant Levels in the Mussel Tissues ""; ""Chlorinated compounds ""; ""Heavy metals ""; ""Biomarkers ""; ""SFG ""; ""Microtox Bioassay ""; ""DISCUSSION""; ""CONCLUSION ""; ""ACKNOWLEDGMENTS ""; ""REFERENCES ""

""SANTOS AND SAO VICENTE ESTUARINE SYSTEM: CONTAMINATION BY CHLOROPHENOLS, ANAEROBIC DIVERSITY OF DEGRADERS UNDER METHANOGENIC CONDITION AND POTENTIAL APPLICATION FOR EX-SITU BIOREMEDIATION IN ANAEROBIC REACTOR ""

---