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Altri autori (Persone)	Crane Julian R Solomon Ashton E
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Nota di contenuto	""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 & 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 ""; ""3.1 Phytoplankton ""; ""3.2 Microphytobenthos ""; ""3.3 Macrophytes ""; ""4. CONSUMERS & TOP PREDATORS ""; ""4.1 Zooplankton ""; ""4.2 Meiofauna ""; ""4.3 Macrofauna ""; ""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 ""; ""PALEOECOLOGICAL SIGNIFICANCE OF DIATOMS IN ARGENTINEAN ESTUARIES: WHAT DO THEY TELL US ABOUT THE ENVIRONMENT?""; ABSTRACT ""; ""INTRODUCTION ""; ""DO ESTUARINE DIATOMS RELIABLY

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 ""

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#### Sommario/riassunto

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Estuaries are productive ecosystems of high ecological value. This book highlights possible pollution impacts in a protected estuarine ecosystem, Amvrakikos Gulf, considered as one of the most important wetlands in Greece.

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