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Biogeochemistry Of Estuaries



Synopsis

Biogeochemistry of Estuaries offers a comprehensive and interdisciplinary approach to understanding biogeochemical cycling in estuaries. Designed as a text for intermediate to advanced students, this book utilizes numerous illustrations and an extensive literature base to impart the current state-of-the-art knowledge in this field. While many of the existing books in estuarine science are comprised of edited volumes, typically focused on highly specific topics in estuaries, Biogeochemistry of Estuaries provides, for the first time, a unique foundation in the areas of geomorphology, geochemistry, biochemistry, aqueous chemistry, and ecology, while making strong linkages (throughout the text) to ecosystem-based processes in estuarine sciences. Estuaries, located at the interface between land and the coastal ocean are dynamic, highly productive systems that, in many cases, have been historically associated with development of many of the great centers of early human civilization. Consequentially, these systems have and continue to be highly impacted by anthropogenic inputs. This timely book takes the foundational basis of elemental cycling in estuarine and applies it to estuarine management issues. Biogeochemistry of Estuaries will be welcomed by estuarine/marine scientists, ecologists, biogeochemists, and environmentalists around the world.

Book Information

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Customer Reviews

I surfaced the book, specially some chapters about the nutrient chemistry. I found that the book is drilling well inside of more than 25 years of world wide knowledge produced in this period. The book has a good presentation of ideas and structured as a solid pack. Please that Dr. Bianchi did a lot

effort of putting all together thousandths of papers, please too that one of my papers was useful to this immense scientific work. I rated 4 stars, although I was tempted to give it 5, however I am sure there is always room to perfect it. Franklin Ormaza-González, PhD Marine Scientist Ecuador

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