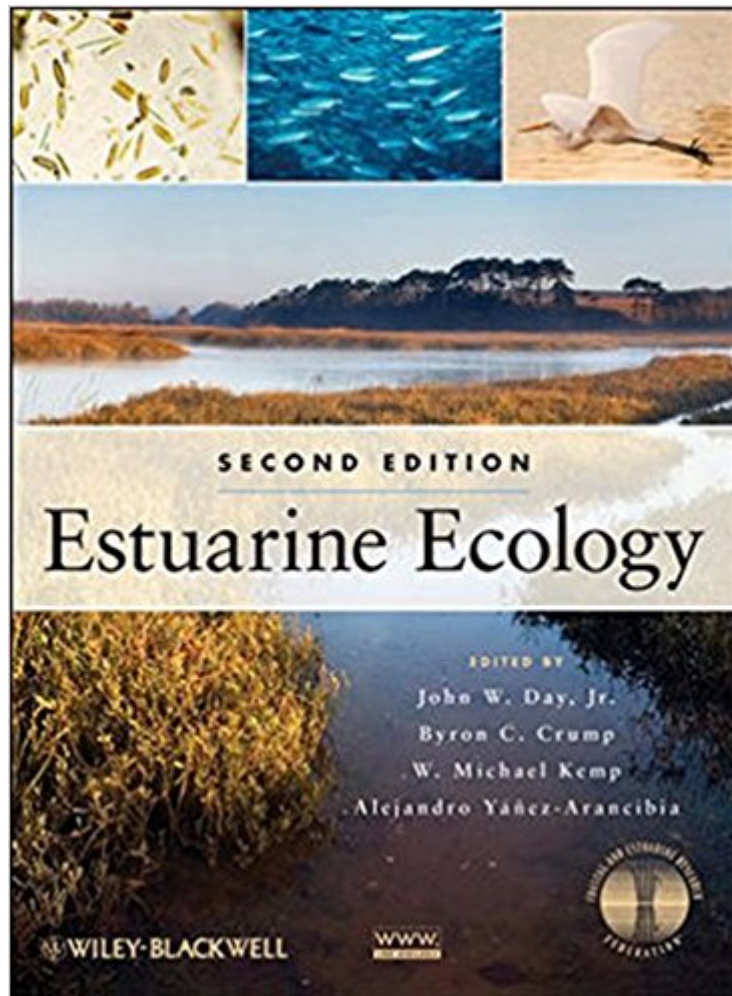




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Estuarine Ecology



Synopsis

Estuaries are among the most biologically productive ecosystems on the planet--critical to the life cycles of fish, other aquatic animals, and the creatures which feed on them. *Estuarine Ecology, Second Edition*, covers the physical and chemical aspects of estuaries, the biology and ecology of key organisms, the flow of organic matter through estuaries, and human interactions, such as the environmental impact of fisheries on estuaries and the effects of global climate change on these important ecosystems. Authored by a team of world experts from the estuarine science community, this long-awaited, full-color edition includes new chapters covering phytoplankton, seagrasses, coastal marshes, mangroves, benthic algae, Integrated Coastal Zone Management techniques, and the effects of global climate change. It also features an entirely new section on estuarine ecosystem processes, trophic webs, ecosystem metabolism, and the interactions between estuaries and other ecosystems such as wetlands and marshes

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Customer Reviews

“Overall, this is a worthwhile contribution. Students, instructors, and researchers interested in estuaries will want access to this book. Summing Up: Highly recommended. Upper-division undergraduates and above.” (Choice, 1 August 2013) "In conclusion, I have no hesitation in commending the editors and authors of the chapters on a job well done. This treatise clearly meets the need for an introductory text on estuarine ecology and is a must for any aspiring or established scientist within this field." (Marine Biology Research, 3 June 2013)

The classic introduction to estuarine ecology, completely revised and updated Estuaries are among the most biologically productive ecosystems on the planet; critical to the life cycles of fish, other aquatic animals, and the creatures that feed on them. Estuarine Ecology, Second Edition covers the physical and chemical aspects of estuaries, the biology and ecology of key organisms, the flow of organic matter through estuaries, and human interactions, such as the environmental impact of fisheries on estuaries and the changing climate's effect on these important ecosystems. Authored by a team of world experts from the estuarine science community, this long-awaited, full-color edition includes new chapters covering phytoplankton, seagrasses, coastal marshes, mangroves, benthic algae, Integrated Coastal Zone Management techniques, and the effects of global climate change. It also features an entirely new section on estuarine ecosystem processes, trophic webs, ecosystem metabolism, and the interactions between estuaries and other ecosystems such as wetlands and marshes. Estuarine Ecology contains the following chapters: Introduction to Estuarine Ecology Estuarine Chemistry Coastal Marshes Estuarine Benthic Algae Estuarine Microbial Food Webs Estuarine Benthos The Ecology of Estuarine Wildlife Estuarine Food Webs Fisheries in Lagoon-Estuarine Ecosystems Global Climate Change and Estuarine Systems Estuarine Geomorphology and Coastal Hydrology Estuarine Phytoplankton Mangrove Wetlands Estuarine Microbial Ecology Estuarine Zooplankton Estuarine Nekton Ecosystem Metabolism Budget Analyses of Estuarine Ecosystems Human Impact and Management of Estuarine Ecosystems Estuarine Ecological Modeling

good book

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It has great content, excellent illustrations, and is well designed and organized. Also it is printed on good quality paper. I definitely recommend it.

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