



E-ReFs *an online guide to estuarine research*

© Estuarine Research Federation

(www.erf.org)

Estuarine and Coastal Ocean Science: An Introduction

Linda C. Schaffner

School of Marine Science, College of William and Mary
Virginia Institute of Marine Science

- Alongi, D. M. 1998. Coastal Ecosystem Processes. CRC Press (includes a wide range of ecosystems, with coverage of both temperate and tropical systems)
- Barnabé, G. and R. Barnabé-Quet. 2000. Ecology and Management of Coastal Waters, The Aquatic Environment. Springer. (provides interesting perspectives on human use and management of coastal ecosystems)
- Chester, R. 2000. Marine Geochemistry. Blackwell Scientific. (not estuarine/coastal specific, but an excellent reference text)
- Davis, R. A. Jr. 1985. Coastal Sedimentary Environments. Springer-Verlag. (covers physical coastal processes of a variety of environments, including estuaries, deltas and beaches)
- Day, J. W. Jr., C. A. S. Hall, W. M. Kemp and A. Yáñez-Arancibia. 1989. Estuarine Ecology. John Wiley and Sons. (includes chapters on physical processes and estuarine chemistry)
- Dyer, K. R. Estuaries, Physical Introduction. John Wiley & Sons (physical processes in estuaries, including sediment transport)
- Harrison, P.J. and T. R. Parsons. 2000. Fisheries Oceanography: An Integrative Approach to fisheries ecology and management. Blackwell Scientific. (not estuarine/coastal specific, but a highly useful collection of review papers)
- Hobbie, J. E. (ed) 2000. Estuarine Science, A Synthetic Approach to Research and Practice. Island Press (a selection of papers summarizing the state-of-the-art, with recommendations for future research)
- Ketchum, B. H. (ed.) 1983. Estuaries and Enclosed Seas (Ecosystems of the World 26). Elsevier
- Kennish, M. J. 1992. Ecology of Estuaries: Anthropogenic Effects. CRC Press, Boca Raton, Florida (includes chapters on nutrient loading, contaminants, dredging and power plant effects)
- Kennish, M. J. 1986. Ecology of Estuaries. I. Physical and Chemical Aspects. CRC Press, Boca Raton, Florida (a compendium of useful information)
- Mann, K. H. 2000. Ecology of Coastal Waters, With Implications for Management. Blackwell Scientific (provides excellent introductions to estuarine, coastal and shelf ecosystems, with chapters on major habitats, fisheries and management)
- Mann, K. H. and J. R. N. Lazier. 1996. Dynamics of Marine Ecosystems. Blackwell Scientific. (includes sections on physical-biological interactions in coastal and estuarine environments)
- Valiela, I. 1995. Marine Ecological Processes. Springer (not estuarine/coastal specific, but an excellent reference text with considerable relevant information)

Updated 6/25/2002

Estuarine Research Federation

webmaster@erf.org