

Livingston, R.J.: **Eutrophication Processes in Coastal Systems – Origin and Succession of Plankton Blooms and Effects on Secondary Production in Gulf Coast Estuaries.** – CRC Press, Boca Raton 2001. ISBN 0-8493-9062-1. 327 pp., GBP 66.99.

The book is based on a very solid and broad data heap – 31 years of data collection in coastal areas of 7 river-estuarine and coastal areas. The author conducted real army of almost 50 graduated students, within the years, consequently the list of acknowledgements is 1.5 page of names.

Chapters: 1 - Introduction, 2 - Northeast Gulf of Mexico, 3 - Primary Study Sites, 4 - The Perdido Bay System: Eutrophication Process and Plankton Blooms, 5 - Effects of Blooms on Secondary Production, 6 – Comparison of Gulf Coastal Systems 7 - Restoration, Research and Regulation, 8 - Conclusions, 9 - Summary of Results.

The book presents the results of artificial fertilization of naturally eutrophic coastal ecosystems, changes in their community structures, quantitative phytoplankton changes, stimulation of water blooms, changes in dominance in phytoplankton as well as in food webs, *etc.*

Reserchers in photosynthesis will be attracted by, *e.g.*, stable isotope analysis of carbon cycling, light distribution and primary productivity, nutrients and chlorophyll *a* in Chapter 4.

The book has a few vacant pages at the end, but for a such big body of interesting and inspiring information a few vacant books should be necessary.

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