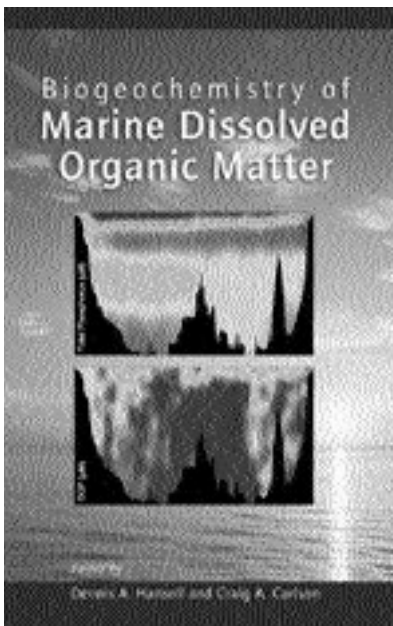


# Biogeochemistry of Marine Dissolved Organic Matter

Edited by Dennis A. Hansell and Craig A. Carlson

*University of Miami, FL, and University of California, Santa Barbara, USA*



Interest in marine dissolved organic matter (DOM) is very high because it plays an important role in oceanic and global carbon cycling, which in turn impacts weather. Understanding the processes involved in the transformations of carbon, phosphorus, nitrogen, and other major elements in the oceans has been a primary goal of marine biogeochemists and oceanographers over the past decade.

**Biogeochemistry of Marine Dissolved Organic Matter**, in 16 chapters with over 170 figures and tables, reports on the major advances in this area by a distinguished group of international chemical and biological oceanographers. Additionally, it focuses on the role of DOM in elemental cycling-where the greatest informational need currently exists.

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**-Donald L. Rice, Chemical Oceanography Program, National Science Foundation, Arlington, Virginia, U.S.A.**

"...essential reading and a valuable reference book for marine scientists from a wide number of disciplines-chemists, microbiologists and specialists in optics of natural waters. Hansell and Carlson are to be congratulated for their vision of the structure of the book and its timing, and the authors for thoroughness of coverage in the chapters.

**-Peter J. le B. Williams, School of Ocean Sciences, University of Wales, Bangor, U.**

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