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IV. Unresolved Questions and Future Research

Sommario/riassunto

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. This book, 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...