

1. Record Nr.	UNINA9910458727503321
Titolo	Biogeochemistry of marine dissolved organic matter [[electronic resource] /] / edited by Dennis A. Hansell, Craig A. Carlson
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Academic Press, c2002
ISBN	1-281-03665-X 9786611036652 0-08-050011-0
Descrizione fisica	1 online resource (807 p.)
Altri autori (Persone)	HansellDennis A CarlsonCraig A
Disciplina	551.46/01
Soggetti	Seawater - Organic compound content Chemical oceanography Biogeochemistry Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Biogeochemistry of Marine Dissolved Organic Matter; Copyright Page; Contents; Contributors; Foreword; Preface; Chapter 1. Why Dissolved Organics Matter?; I. Introduction; II. DOM Research Pre-1970; III. DOM Research in the 1970's; IV. DOM Research in the 1980's; V. ""New"" DON and DOC; VI. Why Dissolved Organics Matter; VII. What did we Learn?; References; Chapter 2. Analytical Methods for Total DOM Pools; I. Introduction; II. Dissolved Organic Carbon Analysis; III. Dissolved Organic Nitrogen Analysis; IV. Dissolved Organic Phosphorus Analysis; V. Multielemental Methods VI. The Limits of Elemental Analyses VII. The Need for Continual use of Reference Materials; References; Chapter 3. Chemical Composition and Reactivity; I. Introduction; II. Distribution and Chemical Characteristics of Bulk Marine DOM; III. Major Topics of Ongoing and Future Research About the Cycling of DOM; References; Chapter 4. Production and Removal Processes; I. Introduction; II. DOM Production Processes; III. DOM Removal Processes; IV. DOM Lability; V. DOM Accumulation; VI. Summary; References; Chapter 5. Dynamics of DON; I. Introduction

II. Concentration and Composition of the DON Pool III. Sources of DON; IV. Sinks for DON; V. DON Turnover Times; VI. Summary; References; Chapter 6. Dynamics of DOP; I. Introduction; II. Terms, Definitions, and Concentration Units; III. The Early Years of Pelagic Marine P-Cycle Research (1884-1955); IV. The Pelagic Marine P-Cycle: Key Pools and Processes; V. Sampling, Incubation, Storage, and Analytical Considerations; VI. DOP in the Sea: Variations in Space; VII. DOP in the Sea: Variations in Time; VIII. DOP Pool Characterization; IX. DOP Production, Utilization, and Remineralization

X. Conclusions and Prospectus References; Chapter 7. Marine Colloids and Trace Metals; I. Introduction; II. Definition of Marine Colloids; III. Analytical Methods; IV. Metal Content of Marine Colloidal Matter; V. The Chemical Form of Colloidal Metals; VI. Particulate-Based Estimates of Colloidal Metal Concentrations; VII. Sources of Metal-Complexing Colloidal Ligands; VIII. Measurement of Colloid Reaction Rates; IX. The Biological Availability of Colloidal Bioactive Metals; X. Summary; References; Chapter 8. Carbon Isotopic Composition of DOM; I. Introduction

II. Conventions and Definitions for Expressing Isotopic Contents of DOCIII. Methods for Extracting DOC from Seawater for Isotopic Analysis; IV. Measurements and Distributions of ^{13}C and ^{14}C in Marine DOC; V. Applications of ^{13}C and $(^{14}\text{C}$ in Marine DOC Cycling Studies; VI. Summary and Future Challenges; References; Chapter 9. Photochemistry and the Cycling of Carbon, Sulfur, Nitrogen and Phosphorus; I. Introduction; II. Photochemical Transformation of Riverine and Marsh-Derived DOM Inputs to the Sea; III. Impact of Photochemistry on Elemental Cycles

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...

2. Record Nr.	UNISA996393199703316
Autore	Watson Lion
Titolo	A more exact relation of the late battell neer York; fought by the English and Scotch forces, against Prince Rupert and the Marquess of Newcastle [[electronic resource]] : Wherein the passages thereof are more particularly set down, presented to the view of those who desire better satisfaction therin. Published for the more inlargement of our hearts to Almighty God on our day of Thanksgiving, commanded by authority for the great victory obtained. Allowed to be printed according to order
Pubbl/distr/stampa	London, : Printed by M. Simmons for H. Overton, 1644
Descrizione fisica	8 p
Altri autori (Persone)	GrifenRobert
Soggetti	Marston Moor, Battle of, 1644 Great Britain History Civil War, 1642-1649 Campaigns
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	The battle "neer York" was at Marston-Moor. The first letter signed: L.W. "The contents of another letter .." (p. 8) signed: Robert Grifen. Attributed to Lion Watson. cf. BM. reproduction of the original in the British Library. Thomason annotation:"July 14th".
Sommario/riassunto	eebo-0018