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Nota di contenuto	Front Cover; Nitrogen in the Marine Environment; Copyright Page; Contents; Dedication Page; Foreword; A Timely Book for Interesting Times; Preface to Second Edition; Acknowledgements; Contributors; Chapter 1: The Marine Nitrogen Cycle: Overview and Challenges; 1. Introduction; 4. Budgets; 5. Nitrogen Challenges; 6. Conclusions; Acknowledgements; References; Chapter 2: Gaseous Nitrogen Compounds (NO, N2O, N2, NH3) in the Ocean; 1. Introduction; 3. Nitrous Oxide; 4. Dinitrogen; 5. Ammonia; 6. Outlook; Note Added to Proof; References Chapter 3: Chemical Composition of Marine Dissolved Organic Nitrogen3. Bulk Chemical Composition of High Molecular Weight Dissolved Organic Nitrogen; 5. Sources and Sinks Based on Chemical Information; 6. Summary and Future Direction; Chapter 4: Nitrogen Fixation in the Marine Environment; 3. Pelagic Nitrogen Fixation; 4.

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4. Environmental Variables Affecting Nitrification Rates and Distributions  
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2. Environmental Factors Regulating Nitrogen Uptake

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Sommario/riassunto

Since the first edition of Nitrogen in the Marine Environment was published in 1983, it has been recognized as the standard in the field. In the time since the book first appeared, there has been tremendous growth in the field with unprecedented discoveries over the past decade that have fundamentally changed the view of the marine nitrogen cycle. As a result, this Second Edition contains twice the amount of information that the first edition contained. This updated edition is now available online, offering searchability and instant, multi-user access to this important information.\*

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