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Nota di contenuto	Front Cover -- Biogeochemistry: An Analysis of Global Change -- Copyright -- Dedication -- Contents -- Preface -- Acknowledgments -- Biogeochemistry -- Part I: Processes and Reactions -- Chapter 1: Introduction -- What is biogeochemistry? -- Understanding the earth as a chemical system -- Scales of endeavor -- Thermodynamics -- Stoichiometry -- Large-Scale Experiments -- Models -- Lovelock's gaia -- Recommended Readings -- Chapter 2: Origins -- Introduction -- Origins of the Elements -- Origin of the solar system and the solid earth -- Origin of the atmosphere and the oceans -- Origin of life -- Evolution of metabolic pathways -- Photosynthesis: The Origin of Oxygen on Earth -- Chemoautotrophy -- Anaerobic Respiration -- Comparative planetary history: earth, mars, and venus -- Summary -- Recommended Readings -- Chapter 3: The Atmosphere -- Introduction -- Structure and Circulation -- Atmospheric Composition -- Gases -- Aerosols -- Biogeochemical Reactions in the Troposphere -- Major Constituents-Nitrogen and Oxygen -- Carbon Dioxide -- Trace Biogenic Gases -- Atmospheric Deposition -- Processes -- Regional Patterns and Trends -- Biogeochemical Reactions in the Stratosphere -- Ozone -- Stratospheric Sulfur Compounds -- Models of the Atmosphere and Global Climate -- Summary -- Recommended Readings -- Chapter 4: The Lithosphere -- Introduction -- Rock

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Sommario/riassunto

Biogeochemistry --winner of a 2014 Textbook Excellence Award (Texty) from the Text and Academic Authors Association--considers how the basic chemical conditions of the Earth, from atmosphere to soil to seawater, have been and are being affected by the existence of life. Human activities in particular, from the rapid consumption of resources to the destruction of the rainforests and the expansion of smog-covered cities, are leading to rapid changes in the basic chemistry of the Earth. This expansive text pulls together the numerous fields of study encompassed by biogeochemistry to analyze the increasing demands of the growing human population on limited resources and the resulting changes in the planet's chemical makeup. The book helps students extrapolate small-scale examples to the global level, and also discusses the instrumentation being used by NASA and its role in studies of global change. With extensive cross-referencing of chapters, figures and tables, and an interdisciplinary coverage of the topic at hand, this updated edition provides an excellent framework for courses examining global change and environmental chemistry, and is also a useful self-study guide. Winner of a 2014 Texty Award from the Text and Academic Authors Association Calculates and compares the effects of industrial emissions, land clearing, agriculture, and rising population on Earth's chemistry Synthesizes the global cycles of carbon, nitrogen, phosphorous, and sulfur, and suggests the best current budgets for atmospheric gases such as ammonia, nitrous oxide, dimethyl sulfide, and carbonyl sulfide Includes an extensive review and up-to-date

	synthesis of the current literature on the Earth's biogeochemistry

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Nota di contenuto	PART 1 -- 1 Globalisation of Corporate Regulation and Corporate Citizenship -- John Braithwaite and Peter Drahos -- 2. Enterprises and the Constitution of the World Economy -- Jean-Philippe Robe -- 3. The Juridical Paradox of the Corporation -- Richard Tudway -- 4. Towards Ethics for the Corporation -- Sally Wheeler -- 5. The European Union: Promoting a Framework for Corporate Social Responsibility -- Jo Hunt -- 6. The Relative Importance of the Statutory Derivative Action in Australia -- Stephen Bottomley -- 7. Privatisation and the Challenge of Corporate Governance in Nigeria -- Adedeji Adekunle -- 8. Importing Law Reform: Vietnamese Company Law as a Case Study -- John Gillespie -- 9. New Business Strategies for Japanese Corporations: Live or Let Die? -- Junko Ueda -- 10. CLERP and its Impact on Australian Futures Regulation -- Rasiah Gengatharen -- 11. Multinational

Enterprises,the World Trade Organisation, and the Protection of the Environment -- Fiona Macmillan -- PART II-COUNTRY REPORTS -- 12. Suing Multinational Corporate Groups for Torts in the Wake of the Lubbe Case - A Comment -- Alex Tawanda Magaisa -- 13. Developments in French Company Law -- Yves Chaput -- 14. Recent Developments in the Nigerian Capital Market -- Desmond Guobadia

Sommario/riassunto

"The International Corporate Law Series is dedicated to the publication of scholarly writing on issues in the area of international and comparative corporate law. This volume includes contributions from the following: Dr Adedeji Adekunle of the University of Lagos writing on Nigerian corporate regulation; Professor Stephen Bottomley of the Australian National University writing on corporate governance; Professor John Braithwaite of the Australian National University and Dr Peter Drahos of the Queen Mary Intellectual Property Research Institute writing on the globalisation of corporate regulation; Professor Yves Chaput of the Universit de Paris I writing on developments in French corporate law; Rasiah Gengatharen of the University of Western Australia writing on corporate law reform and futures regulation in Australia; Dr John Gillespie of Deakin University writing on the transplantation of company law in Vietnam; Desmond Guobadia writing on developments in Nigerian corporate law; Jean-Phillipe Robe writing on the globalised enterprise within the world economy; Richard Tudway writing on the juridical nature of the corporation; and Professor Junko Ueda writing on recent developments in Japanese corporate law."--Bloomsbury Publishing

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