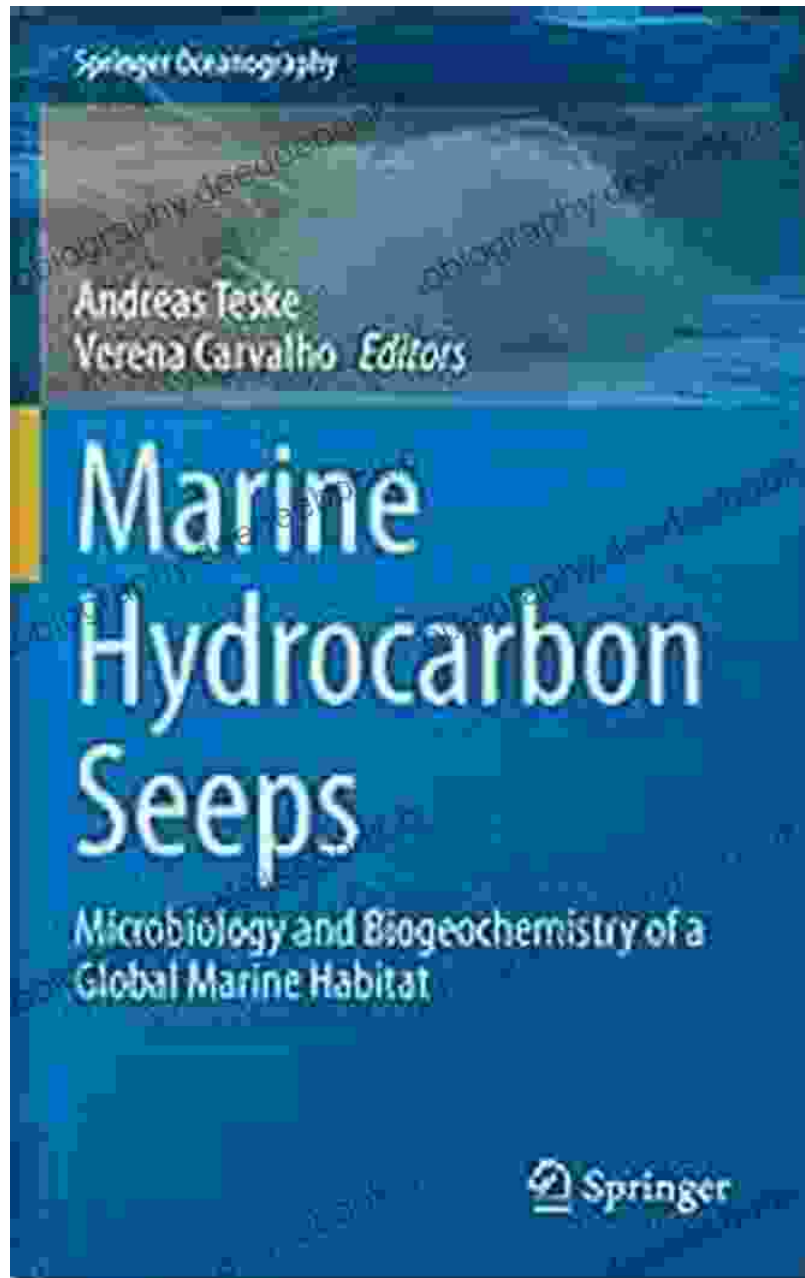
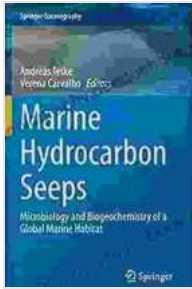


Microbiology and Biogeochemistry of Global Marine Habitats



Marine Hydrocarbon Seeps: Microbiology and Biogeochemistry of a Global Marine Habitat (Springer Oceanography) by Ken Follett

★★★★☆ 4.6 out of 5



Language	: English
File size	: 55219 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 346 pages



This book offers a comprehensive overview of the microbiology and biogeochemistry of global marine habitats. It addresses the major groups of microbes in the oceans, their distribution, diversity, interactions with other organisms, and their impact on biogeochemical processes and global carbon cycling. The authors also discuss the challenges and opportunities for future research in this field. This book is an essential read for oceanographers, marine biologists, and environmental scientists alike.

Key Features

- Provides a comprehensive overview of the microbiology and biogeochemistry of global marine habitats
- Covers the major groups of microbes in the oceans, their distribution, diversity, interactions with other organisms, and their impact on biogeochemical processes and global carbon cycling
- Discusses the challenges and opportunities for future research in this field

Table of Contents

1.

2. The Microbial Loop
3. Microbial Interactions with Other Organisms
4. Biogeochemical Processes and Global Carbon Cycling
5. Challenges and Opportunities for Future Research

About the Editors

****Dr. David Kirchman**** is a professor of oceanography at the University of Delaware. He is a leading expert in marine microbiology and has published over 150 papers in peer-reviewed journals. His research interests include the microbial loop, microbial interactions with other organisms, and the impact of microbes on biogeochemical processes.

****Dr. Hans-Peter Grossart**** is a professor of aquatic ecology at the University of Potsdam. He is a leading expert in biogeochemistry and has published over 100 papers in peer-reviewed journals. His research interests include the cycling of organic matter in aquatic ecosystems, the role of microbes in biogeochemical processes, and the impact of climate change on aquatic ecosystems.

Reviews

"This book is a valuable resource for oceanographers, marine biologists, and environmental scientists alike. It provides a comprehensive overview of the microbiology and biogeochemistry of global marine habitats, and it covers a wide range of topics, from the microbial loop to microbial interactions with other organisms to biogeochemical processes and global carbon cycling. The authors are leading experts in the field, and they have done an excellent job of synthesizing the current state of knowledge. This

book is an essential read for anyone who wants to understand the role of microbes in the oceans."

- **Dr. Edward F. DeLong**, Professor of Oceanography, Massachusetts Institute of Technology

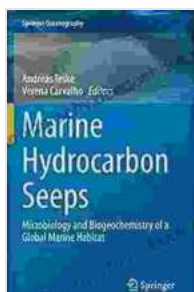
"This book is a timely and important contribution to the field of marine microbiology. It provides a comprehensive overview of the microbiology and biogeochemistry of global marine habitats, and it addresses a number of key challenges and opportunities for future research. The authors are leading experts in the field, and they have done an excellent job of synthesizing the current state of knowledge. This book is an essential read for anyone who wants to understand the role of microbes in the oceans."

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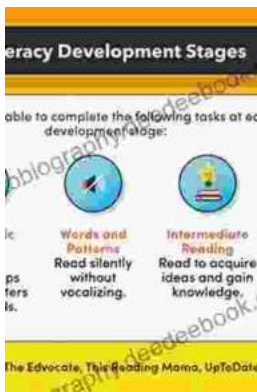
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