CONTENTS

List of Figures vi
List of Tables ix
Note on Conventions x
Acknowledgments xi

1 Earth's Amphibious Transformation 1

2 Asia's Oceanic Anthropocene: How Political Elites and Global Offshore Oil Exploitation Moved Asian Marine Regions into the New Epoch 27

3 Ocean and Orbit: Verticality at Sea from Seadromes to Rocket Launches and Light Islands 68

4 Terrestrial Mindsets and the Origins of Sea Surface Urbanization in Tokyo Bay 117

5 Ocean-to-Land Globalization: Communication, Navigation, and Earth's Production Centers 168

6 Environmentalisms Clashing: Buckminster Fuller, Floating Structures, and US Urban Waterfronts since the Late 1960s 230

7 Economies and Ecologies of Energy Generation on Islands: Hawaiian Metabolism's Alternatives to Fossil Fuels 285

8 Dual Habitats above and below the Surface: Japanese Mariculture Research, Plastics, and the Global Concentration of Marine Biomass and Nutrients 327

9 The Invasive Threat of Slowly Traveling Ecosystems: Artificial Islands and Biosphere Integrity in the Oceanic Anthropocene 370

10 A Paradigm Shift: Earth's Amphibious Transformation and the Oceanic Anthropocene 404

Bibliography 415
Index 482

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 15 Nov 2026 at 00:32:42, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820