Record Nr. Autore Titolo	UNINA9910809302103321 Pilkey Orrin H. <1934-> Retreat from a rising sea : hard choices in an age of climate change / /
Pubbl/distr/stampa	Orrin H. Pilkey, Linda Pilkey-Jarvis, Keith C. Pilkey New York, [New York] : , : Columbia University Press, , 2016 ©2016
ISBN	0-231-54180-5
Descrizione fisica	1 online resource (253 p.)
Disciplina	333.917
Soggetti	Coast changes Sea level Shore protection Global warming
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	Frontmatter Contents Foreword Preface Acknowledgments 1. Control + Alt + Retreat 2. The Overflowing Ocean 3. The Fate of Two Doomed Cities: Miami and New Orleans 4 New and Old Amsterdam: New York City and the Netherlands 5. Cities on the Brink 6. The Taxpayers and the Beach House 7. Coastal Calamities: How Geology Affects the Fate of the Shoreline 8. Drowning in Place: Infrastructure and Landmarks in the Age of Sea- Level Rise 9. The Cruelest Wave: Climate Refugees 10. Deny, Debate, and Delay 11. Ghosts of the Past, Promise of the Future Bibliography Index
Sommario/riassunto	Melting ice sheets and warming oceans are causing the seas to rise. By the end of this century, hundreds of millions of people living at low elevations along coasts will be forced to retreat to higher and safer ground. Because of sea-level rise, major storms will inundate areas farther inland and will lay waste to critical infrastructure, such as water-treatment and energy facilities, creating vast, irreversible pollution by decimating landfills and toxic-waste sites. This big- picture, policy-oriented book explains in gripping terms what rising oceans will do to coastal cities and the drastic actions we must take

1.

now to remove vulnerable populations. The authors detail specific threats faced by Miami, New Orleans, New York, and Amsterdam. Aware of the overwhelming social, political, and economic challenges that would accompany effective action, they consider the burden to the taxpayer and the logistics of moving landmarks and infrastructure, including toxic-waste sites. They also show readers the alternative: thousands of environmental refugees, with no legitimate means to regain what they have lost. The authors conclude with effective approaches for addressing climate-change denialism and powerful arguments for reforming U.S. federal coastal management policies.