1. Record Nr. UNINA9910831807303321 Autore Pilkey Orrin H. **Titolo** Vanishing Sands: Losing Beaches to Mining // Norma J. Longo, Hannah L. Hayes, Keith C. Pilkey, Nelson G. Rangel-Buitrago, Orrin H. Pilkey, William J. Neal Pubbl/distr/stampa Durham:,: Duke University Press,, [2022] ©2022 ISBN 1-4780-9296-3 Descrizione fisica 1 online resource (248 p.) Beaches - Environmental aspects Soggetti Coasts - Environmental aspects Mines and mineral resources - Environmental aspects Sand and gravel mines and mining - Environmental aspects Sea level - Environmental aspects Seashore ecology NATURE / Ecosystems & Habitats / Coastal Regions & Shorelines Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Frontmatter -- CONTENTS -- PREFACE -- ACKNOWLEDGMENTS -- 1 Nota di contenuto Who's Mining the Shore? -- 2 Sand: Earth's Most Remarkable Mineral Resource -- 3 Singapore Sand Bandits: Sitting on Asia's Sandpile -- 4 The Sands of Crime: Mafia. Sand Robbers. and Law Benders -- 5 Sand Rivers to the Beach: Choked Flow -- 6 Barbuda and Other Islands: Lessons from the Caribbean -- 7 A Summoner's Thirteen Tales: South America's Coastal Sand Mining -- 8 A Different Kind of Sand Mining: Legal but Destructive -- 9 Africa Sands: Desert Abundance — Coastal Dearth -- 10 Beach Mining: Truths and Solutions -- APPENDIX A SAND MINING VIOLENT EVENTS -- APPENDIX B SAND RIGHTS: BRINGING BACK REASON -- REFERENCES -- CONTRIBUTORS -- INDEX Sommario/riassunto In a time of accelerating sea level rise and increasingly intensifying storms, the world's sandy beaches and dunes have never been more crucial to protecting coastal environments. Yet, in order to meet the demands of large-scale construction projects, sand mining is stripping

beaches and dunes, destroying environments, and exploiting labor in the process. The authors of Vanishing Sands track the devastating impact of legal and illegal sand mining over the past twenty years, ranging from Africa, Asia, and the Caribbean to South America and the eastern United States. They show how sand mining has reached crisis levels: beach, dune, and river ecosystems are in danger of being lost forever, while organized crime groups use deadly force to protect their illegal mining operations. Calling for immediate and widespread resistance to sand mining, the authors demonstrate that its cessation is paramount for saving not only beaches, dunes, and associated environments but also lives and tourism economies everywhere.