Record Nr. UNINA9910876603103321 Understanding sea-level rise and variability / / edited by John A. **Titolo** Church ... [et al.] Pubbl/distr/stampa Chichester,: Wiley-Blackwell, c2010 **ISBN** 1-4443-4077-8 1-282-65429-2 9786612654299 1-4443-2327-X 1-4443-2328-8 Descrizione fisica 1 online resource (456 p.) Altri autori (Persone) ChurchJohn <1951-> 551.45/8 Disciplina Soggetti Sea level Oceanography Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto UNDERSTANDING SEA-LEVEL RISE AND VARIABILITY; Contents; Editor Biographies; Contributors; Foreword; Acknowledgments; Abbreviations and Acronyms; 1: Introduction; 2: Impacts of and Responsesto Sea-Level Rise: 3: A First-Order Assessment of the Impact of Long-Term Trends in Extreme Sea Levels on Offshore Structures and Coastal Refineries; 4: Paleoenvironmental Records, Geophysical Modeling, and

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Sommario/riassunto

Understanding Sea-Level Rise and Variability identifies the major impacts of sea-level rise, presents up-to-date assessments of past sea-level change, thoroughly explores all of the factors contributing to sea-level rise, and explores how sea-level extreme events might change. It identifies what is known in each area and what research and observations are required to reduce the uncertainties in our understanding of sea-level rise so that more reliable future projections can be made. A synthesis of findings provides a concise summary of past, present and future sea-level rise and its imp