Record Nr. UNINA9910688423203321 Coastal Sea Levels, Impacts and Adaptation / / edited by Thomas Wahl Titolo [and three others] Pubbl/distr/stampa Basel:,: MDPI - Multidisciplinary Digital Publishing Institute,, 2018 **ISBN** 3-03842-848-5 Descrizione fisica 1 online resource (v, 331 pages): illustrations Disciplina 551.458 Soggetti Sea level Coasts - Environmental aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Extreme sea levels can lead to hazardous events, such as coastal flooding, erosion, or salt water intrusion, with-wide ranging environmental, societal, and economic consequences. In combination with climate-driven sea-level rise, and, potentially, additional changes in storminess, dynamic wave contributions, and tidal dynamics, the adverse consequences of extreme oceanographic events are expected to escalate in many regions. Integrated coastal zone impact assessments can guide the decisions on the adaptive responses to these changes in the physical environment and for the socioeconomic development of the local communities.