1. Record Nr. UNINA9910346851503321 Autore Ranasinghe Roshanka Titolo Climate Change, Coasts and Coastal Risk / Roshanka Ranasinghe, Ruben Jongejan Pubbl/distr/stampa MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland:,: MDPI,, 2018 **ISBN** 9783038974826 303897482X Descrizione fisica 1 electronic resource (298 p.) Soggetti Environmental economics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto The combination of coastal climate change impacts and their effects on the ever-increasing human utilization of the coastal zone will invariably result in increasing coastal risk in the coming decades. However, while economic damage (potential consequence) caused by climate changedriven coastal inundation and erosion (potential hazard) is likely to increase, foregoing land-use opportunities in coastal regions and protecting or nourishing coasts is also costly. Managing the risk of coastline recession is therefore a balancing act. To avoid unacceptable future risks, it is imperative that risk-informed and sustainable coastal planning/management strategies are implemented sooner rather than later. This requires the development of methods for comprehensive coastal risk assessments which combine state-of-the-art consequence (or damage) modeling and coastal hazard modeling. This Special Issue

contains 13 papers aimed at addressing this challenge.