1. Record Nr. UNINA9910388971103321

Titolo	Aircraft Alert
Pubbl/distr/stampa	Inside Washington Publishers United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910576874203321

Autore	Hsiao Shih-Chun
Titolo	Storm Tide and Wave Simulations and Assessment II
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (100 p.)
Soggetti	History of engineering and technology Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Storm tides, surges, and waves associated with typhoons/tropical cyclones/hurricanes are the most severe threats to coastal zones, nearshore waters, and navigational safety. Therefore, predicting typhoon/tropical cyclone/hurricane-induced storm tides, surges, waves, and coastal erosion is essential for reducing the loss of human life and property and mitigating coastal disasters. There is still a growing demand for novel techniques that could be adopted to resolve the complex physical processes of storm tides, surges, waves, and coastal erosion, even if many studies on the hindcasting/prediction/forecasting of typhoon-driven storm tides,

surges, waves, and also morphology evolution have been carried out through numerical models in the last decade. This Special Issue intends to collect the latest studies on storm tide, surge, and wave modeling and analysis utilizing dynamic and statistical models and artificial intelligence approaches to improve our simulating and analytic capabilities and our understanding of storm tides, surges, and waves. Five high-quality papers have been accepted for publication in this Special Issue; these papers cover the application and development of many high-end techniques for storm tides, surges, waves, and on-site investigation of coastal erosion and accretion.