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2241	The spectral wave model, WAM, adapted for applications with high spatial resolution. 2000 , 41, 41-62		111
2240	Spectral wave modelling with non-linear dissipation: validation and applications in a coastal tidal environment. 2000 , 41, 201-235		36
2239	A Hybrid Eulerian-Lagrangian Model for Spectral Wave Evolution with Application to Bottom Friction on the Continental Shelf. 2001 , 31, 1498-1516		43
2238	.		1
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2235	Wind-wave development across a large shallow intertidal estuary: A case study of Manukau Harbour, New Zealand. 2001 , 35, 985-1000		12
2234	On Coupling the Swan and Wam Wave Models for Accurate Nearshore Wave Predictions. 2001 , 43, 161-201		17
2233	An MPI Quasi Time-Accurate Approach for Nearshore Wave Prediction Using The Swan Code Part I: Method. 2002 , 44, 247-256		4
2232	The Distributed Integrated Ocean Prediction System (DIOPS).		2
2231	Using the SWAN Wave Model and Satellite Altimeter Data to Study the Influence of Climate Change at the Coast. 2002 , 8, 41-66		7
2230	RELIABILITY-BASED OPTIMISATION OF DUTCH SEA DEFENCES. 2002 , 111-122		
2229	Implementation of an important wave model on parallel architectures.		
2228	Model predictions of nearshore processes near complex bathymetry.		3
2227	Simulating wave-tide induced circulation in Bay St. Louis, MS with a coupled hydrodynamic-wave model.		1

2226	Coastal modelling for flood defence. 2002 , 360, 1461-75	29
2225	The development of an operational SWAN model for NGLI.	3
2224	Limiters in Third-Generation Wind Wave Models. 2002 , 8, 67-83	16
2223	Alleviating the Garden Sprinkler Effect in wind wave models. 2002 , 4, 269-289	87
2222	Wave measurement and modeling in Chesapeake Bay. 2002 , 22, 2673-2686	64
2221	The origin and preservation of a major hurricane event bed in the northern Gulf of Mexico: Hurricane Camille, 1969. 2002 , 186, 423-446	29
2220	Diffusion reduction in an arbitrary scale third generation wind wave model. 2002 , 29, 1357-1390	49
2219	An Efficient Tool for Wave Climate Analysis in European Coastal Waters. 2002 , 23, 361-369	1
2218	A linear functional relationship model for circular data with an application to the assessment of ocean wave measurements. 2003 , 8, 153-169	6
2217	The influence of oceanic swell on flows over an estuarine intertidal mudflat in San Francisco Bay. 2003 , 58, 541-554	33
2216	Modeling of storm-induced coastal flooding for emergency management. 2003 , 30, 1353-1386	79
2215	Phase-decoupled refractionâ€”diffraction for spectral wave models. 2003 , 49, 291-305	148
2214	Modelling waves and currents at the LSTF and other laboratory facilities. 2003 , 50, 19-45	29
2213	Observations of nearshore wave dissipation over muddy sea beds. <i>Journal of Geophysical Research</i> , 2003 , 108,	82
2212	Equilibrium ranges in surf zone wave spectra. <i>Journal of Geophysical Research</i> , 2003 , 108,	8
2211	Anisotropy of wind and wave regimes in the Baltic proper. 2003 , 49, 305-316	49
2210	Investigation of Wave Growth and Decay in the SWAN Model: Three Regional-Scale Applications*. 2003 , 33, 366-389	154
2209	Simulation of Waves at Duck (North Carolina) Using Two Numerical Models. 2003 , 45, 439-469	28

2208	Performance of Coastal Structures against Sequences of Hurricanes. 2003 , 129, 219-228	5
2207	Performance of a Saturation-Based Dissipation-Rate Source Term in Modeling the Fetch-Limited Evolution of Wind Waves. 2003 , 33, 1274-1298	97
2206	Wave hindcast for the New Zealand region: Nearshore validation and coastal wave climate. 2003 , 37, 567-588	81
2205	Chapter 5 Spectral wave models in coastal areas. 2003 , 67, 133-158	2
2204	Numerical Modeling as a Design Tool for Coastal Structures. 2003 , 80-96	
2203	The Impact of Waves on Surface Currents. 2003 , 33, 2126-2140	44
2202	The Treatment of Discontinuities in Computing the Nonlinear Energy Transfer for Finite-Depth Gravity Wave Spectra. 2003 , 20, 206-216	6
2201	Nearshore Impacts of Dredging for Beach Nourishment. 2004 , 130, 303-311	16
2200	Impacts of Dredging on Shoreline Change. 2004 , 130, 170-178	18
2199	Incorporation of Wind Effects Into Boussinesq Wave Models. 2004 , 130, 312-321	11
2198	Exploring the bottom stress variability in the Venice Lagoon. 2004 , 51, 161-178	40
2197	The generation and preservation of multiple hurricane beds in the northern Gulf of Mexico. 2004 , 210, 79-105	45
2196	Classification of the Australian continental shelf based on predicted sediment threshold exceedance from tidal currents and swell waves. 2004 , 211, 1-20	92
2195	Nearshore wave prediction by coupling a wave model and statistical methods. 2004 , 51, 297-308	8
2194	Process-based modelling of a shoreface nourishment. 2004 , 51, 581-607	64
2193	Waves and the Air-Sea Momentum Budget: Implications for Ocean Circulation Modeling. 2004 , 34, 1741-1755	20
2192	Energy Dissipation of Unsteady Wave Breaking on Currents. 2004 , 34, 2288-2304	19
2191	Modelling directional random wave propagation inshore. 2004 , 157, 123-131	15

2190 Wave-Forced Barotropic Currents. **2005**, 35, 2237-2249

2189 Barrier formation on an actively prograding delta system: The Red River Delta, Vietnam. **2005**, 224, 123-143 42

2188 An integrated three-dimensional model for wave-induced seabed response in a porous seabed. I. A sloping seabed. **2005**, 32, 701-729 9

2187 An integrated three-dimensional model of wave-induced pore pressure and effective stresses in a porous seabed: II. Breaking waves. **2005**, 32, 1950-1967 10

2186 On the modeling of wave-current interaction using the elliptic mild-slope wave equation. **2005**, 32, 2135-2164 26

2185 Hindcasting nearshore wind waves using a FEM code for SWAN. **2005**, 52, 177-195 60

2184 On convergence behaviour and numerical accuracy in stationary SWAN simulations of nearshore wind wave spectra. **2005**, 52, 237-256 66

2183 Assessment of wind quality for oceanographic modelling in semi-enclosed basins. **2005**, 53, 217-233 126

2182 Wave transformation on a microtidal barred beach (S^{te} te, France). **2005**, 58, 19-34 14

2181 Application of third generation shallow water wave models in a tidal environment. **2005**, 55, 10-27 9

2180 Model-oriented ocean tomography using higher frequency, bottom-mounted hydrophones. **2005**, 117, 3539-54 13

2179 Prediction of Wind Waves in a Shallow Estuary. **2005**, 131, 137-148 36

2178 Numerical and Physical Diffusion: Can Wave Prediction Models Resolve Directional Spread?. **2005**, 22, 886-895 10

2177 Wave forecasting at the Spanish coasts. **2005**, 10, 389-405 32

2176 Bed Drag Coefficient Variability under Wind Waves in a Tidal Estuary. **2005**, 131, 497-508 30

2175 Comparisons of remotely-retrieved directional wave spectra over a large area with a shoaling-wave model.

2174 One year validation of wave forecasting at Galician coast. **2005**, 10, 407-419 5

2173 Shoreline Change and Pacific Climatic Oscillations in Kihei, Maui, Hawaii. **2005**, 213, 535-547 20

2172	The integration of a hurricane wind hazard model with deep-water and nearshore wave models.	0
2171	Encyclopedia of Coastal Science. 2005 , 940-1021	
2170	Neural network approximations for nonlinear interactions in wind wave spectra: direct mapping for wind seas in deep water. 2005 , 8, 253-278	63
2169	A combined wind wave-tidal model for the Venice lagoon, Italy. <i>Journal of Geophysical Research</i> , 2005 , 110, n/a-n/a	89
2168	Offshore controls on nearshore rip currents. <i>Journal of Geophysical Research</i> , 2005 , 110,	45
2167	Towards a vulnerability assessment of the UK and northern European coasts: the role of regional climate variability. 2005 , 363, 1329-58	59
2166	Effects of Cold Fronts on Bayhead Delta Development: Atchafalaya Bay, Louisiana, USA. 2005 , 269-298	4
2165	Simulation of Typical Wind-Waves Characteristics in Singapore Strait. 2006 ,	0
2164	Wind-wave development under alternating wind jets and wakes induced by orographic effects. 2006 , 33,	6
2163	Cross-shore variation of wind-driven flows on the inner shelf in Long Bay, South Carolina, United States. <i>Journal of Geophysical Research</i> , 2006 , 111,	19
2162	Modélisation du courant sagittal induit par les vagues au-dessus des systèmes barre/baïe de la côte aquitaine (France). 2006 , 338, 711-717	10
2161	Modélisation du festonnage des barres sableuses d'avant-côte : application à la côte aquitaine, France. 2006 , 338, 795-801	13
2160	Dynamics of wave-induced currents over an alongshore non-uniform multiple-barred sandy beach on the Aquitanian Coast, France. 2006 , 26, 113-131	45
2159	The magnitude and frequency of combined flow bed shear stress as a measure of exposure on the Australian continental shelf. 2006 , 26, 1258-1280	43
2158	Wave climate and longshore drift on the South Aquitaine coast. 2006 , 26, 1924-1939	32
2157	Nearshore Bar Response to Time Varying Conditions. 2006 , 1	1
2156	Characterizing swells in the southern Pacific from seismic and infrasonic noise analyses. 2006 , 164, 516-542	36
2155	Developments in coastal engineering research. 2006 , 53, 121-132	14

2154	The WRT method for the computation of non-linear four-wave interactions in discrete spectral wave models. 2006 , 53, 223-242	80
2153	Reversing storm hotspots on sandy beaches: Spatial and temporal characteristics. 2006 , 226, 261-279	87
2152	Combined numerical model of currents, waves, and sediment transport in Lake Donuzlav. 2006 , 16, 107-127	1
2151	Field and model data analysis of sand transport patterns in Texel Tidal inlet (the Netherlands). 2006 , 53, 505-529	57
2150	Modelling of wind wave-induced bottom processes during the slack water periods in Tampa Bay, Florida. 2006 , 52, 1277-1292	10
2149	Spectral Models Based on Boussinesq Equations. 2006 , 1	
2148	Critical bifurcation of shallow microtidal landforms in tidal flats and salt marshes. 2006 , 103, 8337-41	194
2147	Empirical Estimation of Nearshore Waves From a Global Deep-Water Wave Model. 2006 , 3, 462-466	8
2146	Numerical Simulation of Long-Period Waves and Ship Motions in Tomakomai Port, Japan. 2006 , 48, 59-79	22
2145	Modeling of Two Northwest Atlantic Storms with Third-Generation Wave Models. 2007 , 22, 1229-1242	21
2144	Consensus of Numerical Model Forecasts of Significant Wave Heights. 2007 , 22, 792-803	28
2143	Simulating storm waves in the Irish Sea. 2007 , 160, 57-64	6
2142	Directional Validation of Wave Predictions*. 2007 , 24, 504-520	17
2141	Wind-generated waves in Hurricane Juan. 2007 , 16, 188-205	43
2140	Sensitivity of wind waves to hurricane wind characteristics. 2007 , 18, 37-52	28
2139	An enhanced depth-averaged tidal model for morphological studies in the presence of rotary currents. 2007 , 27, 82-102	19
2138	Sediment transport and resuspension due to combined motion of wave and current in the northern Adriatic Sea during a Bora event in January 2001: A numerical modelling study. 2007 , 27, 613-633	41
2137	Exercising a Deterministic Mine Burial Prediction System for Impact and Scour Burial Using Operational Data Sets. 2007 , 32, 273-283	5

2136	An Empirical Method for Estimating Surf Heights from Deepwater Significant Wave Heights and Peak Periods in Coastal Zones with Narrow Shelves, Steep Bottom Slopes, and High Refraction. 2007 , 23, 1237	12
2135	Prediction of Storm Surges and Wind Waves on Coastal Highways in Hurricane-Prone Areas. 2007 , 23, 1304	40
2134	Generalized Shallow Water Wave Growth from Lake George. 2007 , 133, 173-182	38
2133	Evolution of surface gravity waves over a submarine canyon. <i>Journal of Geophysical Research</i> , 2007 , 112,	35
2132	Determining heterogeneous bottom friction distributions using a numerical wave model. <i>Journal of Geophysical Research</i> , 2007 , 112,	3
2131	Video-based observations of nearshore sand ripples and ripple migration. <i>Journal of Geophysical Research</i> , 2007 , 112,	13
2130	Self-organization of shallow basins in tidal flats and salt marshes. <i>Journal of Geophysical Research</i> , 2007 , 112,	63
2129	Wind waves in shallow microtidal basins and the dynamic equilibrium of tidal flats. <i>Journal of Geophysical Research</i> , 2007 , 112,	70
2128	Numerical modeling and field evidence of coastal overwash in southern New England from Hurricane Bob and implications for paleotempestology. <i>Journal of Geophysical Research</i> , 2007 , 112,	30
2127	Application of two numerical models for wave hindcasting in Lake Erie. 2007 , 29, 137-145	62
2126	A higher-order two-coordinate non-hydrostatic model for nonlinear surface waves. 2007 , 34, 1357-1370	34
2125	Forecasting and hindcasting waves with the SWAN model in the Southern California Bight. 2007 , 54, 1-15	92
2124	Nonlinear saturation-based whitecapping dissipation in SWAN for deep and shallow water. 2007 , 54, 151-170	169
2123	Dynamics of a wave-dominated tidal inlet and influence on adjacent beaches, Currumbin Creek, Gold Coast, Australia. 2007 , 54, 77-90	30
2122	Modelling of wave damping at Guyana mud coast. 2007 , 54, 249-261	78
2121	Near-shore swell estimation from a global wind-wave model: Spectral process, linear, and artificial neural network models. 2007 , 54, 445-460	75
2120	The role of video imagery in predicting daily to monthly coastal evolution. 2007 , 54, 539-553	39
2119	Multidirectional wave transformation around detached breakwaters. 2007 , 54, 775-789	21

2118	A model for the propagation of nonlinear surface waves over viscous muds. 2007 , 54, 752-764	40
2117	Modelling analysis of the sensitivity of shoreline change to a wave farm. 2007 , 34, 884-901	107
2116	A simple model for the spatially-variable coastal response to hurricanes. 2007 , 238, 1-20	210
2115	Wave modelling – The state of the art. 2007 , 75, 603-674	334
2114	Coastal changes at the Sulina mouth of the Danube River as a result of human activities. 2007 , 55, 555-63	40
2113	Operational surface drift prediction using linear and non-linear hyper-ensemble statistics on atmospheric and ocean models. 2007 , 65, 105-121	34
2112	Impact of forcing errors in the CAMCAT oil spill forecasting system. A sensitivity study. 2007 , 65, 134-157	10
2111	Real merits of the wind wave model with an optimized source function. 2007 , 417, 1375-1379	4
2110	Wind-driven sediment suspension controls light availability in a shallow coastal lagoon. 2007 , 30, 102-112	120
2109	Coupled modeling of currents and wind waves in the Kerch Strait. 2007 , 17, 253-268	2
2108	Interactions of breaking waves with a current over cut cells. 2007 , 223, 865-897	14
2107	Derivation of coastal wind and wave parameters from offshore measurements of TOPEX satellite using ANN. 2007 , 54, 187-196	15
2106	An efficient mode-splitting method for a curvilinear nearshore circulation model. 2007 , 54, 811-824	9
2105	Multi time-scale evolution of a wide estuary linear sandbank, the Longe de Boyard, on the French Atlantic coast. 2008 , 251, 209-223	29
2104	Sand spit rhythmic development: A potential record of wave climate variations? Ar^ ay Spit, western coast of France. 2008 , 253, 107-131	57
2103	Hindcasting of wave parameters using different soft computing methods. 2008 , 30, 28-36	95
2102	Wind wave-forced fine sediment erosion during the slack water periods in Hangzhou Bay, China. 2008 , 55, 629-638	9
2101	Can the gold coast beaches withstand extreme events?. 2008 , 28, 23-30	34

2100	Improvement of sand activation depth prediction under conditions of oblique wave breaking. 2008 , 28, 65-75	13
2099	Wave Climatology in Coastal Maine for Aquaculture and Other Applications. 2008 , 31, 289-299	19
2098	Characteristics of Extreme Meteorological Forcing and Water Levels in Mobile Bay, Alabama. 2008 , 31, 704-718	10
2097	Hydrodynamic Response of Northeastern Gulf of Mexico to Hurricanes. 2008 , 31, 1098-1116	42
2096	Progress in ocean wave forecasting. 2008 , 227, 3572-3594	161
2095	Learning from data for windâwave forecasting. 2008 , 35, 953-962	72
2094	Numerical analysis of effects of tidal variations on storm surges and waves. 2008 , 30, 311-322	119
2093	Hindcast of the wave conditions along the west Iberian coast. 2008 , 55, 906-919	60
2092	Evaluation of the physical process controlling beach changes adjacent to nearshore dredge pits. 2008 , 55, 1224-1236	27
2091	Effective fetch and non-linear four-wave interactions during wave growth in slanting fetch conditions. 2008 , 55, 261-275	16
2090	The morphological response of a nearshore double sandbar system to constant wave forcing. 2008 , 55, 761-770	41
2089	Adaptive estimation of wave parameters by Geno-Kalman filtering. 2008 , 35, 1245-1251	15
2088	Implementation and evaluation of alternative wave breaking formulas in a coastal spectral wave model. 2008 , 35, 1090-1101	25
2087	Evaluation of the wave conditions in Madeira Archipelago with spectral models. 2008 , 35, 1357-1371	57
2086	Implications of long waves in harbor management: The Gijón port case study. 2008 , 51, 180-201	38
2085	Testing and verifying the wind wave model with an optimized source function. 2008 , 48, 7-14	6
2084	Development of a three-dimensional, regional, coupled wave, current, and sediment-transport model. 2008 , 34, 1284-1306	496
2083	A hybrid framework for predicting waves and longshore currents. 2008 , 69, 59-73	22

2082	Surface drift prediction in the Adriatic Sea using hyper-ensemble statistics on atmospheric, ocean and wave models: Uncertainties and probability distribution areas. 2008 , 69, 86-98	34
2081	A real-time nearshore wave and current prediction system. 2008 , 69, 37-58	25
2080	Hybridation of generation propagation models and SPH model to study severe sea states in Galician Coast. 2008 , 72, 135-144	7
2079	Wind wave measurements and modelling in Kõrõema Bay, Estonian Archipelago Sea. 2008 , 74, S30-S40	13
2078	Sediment dispersal in the northwestern Adriatic Sea. <i>Journal of Geophysical Research</i> , 2008 , 113,	64
2077	Whitecapping and wave field evolution in a coastal bay. <i>Journal of Geophysical Research</i> , 2008 , 113,	23
2076	Evolution of ocean wave statistics in shallow water: Refraction and diffraction over seafloor topography. <i>Journal of Geophysical Research</i> , 2008 , 113,	19
2075	Wave-driven circulation in a coastal bay during the landfall of a hurricane. <i>Journal of Geophysical Research</i> , 2008 , 113,	20
2074	The effect of wave-current interactions on the storm surge and inundation in Charleston Harbor during Hurricane Hugo 1989. 2008 , 20, 252-269	66
2073	A mosaic approach to wind wave modeling. 2008 , 25, 35-47	106
2072	The stability of marine sediments at a tidal basin in San Francisco Bay amended with activated carbon for sequestration of organic contaminants. 2008 , 42, 4133-45	12
2071	Relation between beachface morphology and wave climate at Trafalgar beach (Cádiz, Spain). 2008 , 99, 171-185	25
2070	Storm-driven sediment transport in Massachusetts Bay. 2008 , 28, 257-282	53
2069	Intrabasinal conditions promoting the development of a biogenic carbonate sedimentary facies associated with the seagrass <i>Posidonia oceanica</i> . 2008 , 28, 797-812	39
2068	Longshore transport estimation and inter-annual variability at a high-energy dissipative beach: St. Trojan beach, SW Oléron Island, France. 2008 , 28, 1316-1332	57
2067	Wind-wave transformations in an elongated bay. 2008 , 28, 1702-1710	20
2066	A model of inter-annual variability in beach levels. 2008 , 28, 1769-1781	20
2065	Past and future wave climate in the Baltic Sea produced by the SWAN model with forcing from the regional climate model RCA of the Rossby Centre. 2008 ,	7

2064	Southern California Deep-Water Wave Climate: Characterization and Application to Coastal Processes. 2008 , 244, 1022-1035	45
2063	Erosion Generated by Wave-Induced Currents in the Vicinity of a Jetty: Case Study of the Relationship between the Adour River Mouth and Anglet Beach, France. 2008 , 241, 59-69	3
2062	Fate of Fine Sediment from Dredger-Based Mining in a Wave-Dominated Environment at Chameis Bay, Namibia. 2008 , 241, 232-247	7
2061	Observations of Bed Roughness of a Coral Reef. 2008 , 2, 39-50	33
2060	Wave Simulation in the Outer R ^o de la Plata Estuary: Evaluation of SWAN Model. 2008 , 134, 299-305	17
2059	A Surface Wave Model for Coupling with Numerical Ocean Circulation Models. 2008 , 25, 1785-1807	49
2058	. 2008 ,	
2057	On the Use of Probabilistic Wind Fields for Forecasting Storm Surge and Inundation. 2008 ,	4
2056	A Coupled-Mode, Phase-Resolving Model for the Transformation of Wave Spectrum Over Steep 3D Topography: Parallel-Architecture Implementation. 2008 , 130,	8
2055	An Intercomparison of Swan and Wavewatch III Models with Data from NDBC-NOAA Buoys at Oceanic Scales. 2008 , 50, 47-73	15
2054	A Two-Scale Approximation for Efficient Representation of Nonlinear Energy Transfers in a Wind Wave Spectrum. Part I: Theoretical Development. 2008 , 38, 2801-2816	24
2053	Collective bubble oscillations as a component of surf infrasound. 2008 , 123, 2506-12	7
2052	The Stochastic Parametric Mechanism for Growth of Wind-Driven Surface Water Waves. 2008 , 38, 862-879	13
2051	Numerical Simulations of Wind Wave Growth under a Coastal Wind Jet through the Kanmon Strait. 2008 , 23, 1162-1175	1
2050	Integrated nearshore wave amplitude model for use on portable devices. 2008 ,	0
2049	GIS Modeling of Wave Exposure at the Seabed: A Depth-attenuated Wave Exposure Model. 2008 , 31, 117-127	37
2048	. 2008 ,	1
2047	Resonant interactions between Kelvin ship waves and ambient waves. 2008 , 597, 171-197	17

2046	Numerical Analysis of the Impact of Morphodynamics on the Water Quality of a Coastal Lagoon. 2008,	
2045	A Practical Approach to Mapping Extreme Wave Inundation: Consequences of Sea-Level Rise and Coastal Erosion. 2008,	4
2044	Modeling of random wave transformation with strong wave-induced coastal currents. 2008, 1, 18-26	2
2043	Modélisation des turbidités en Bretagne Sud et validation par des mesures in situ. 2008, 12, 179-190	5
2042	Recent Enhancements and Applications of an Integrated Storm Surge Modeling System: CH3D-SSMS. 2008,	1
2041	Development of a Hurricane Storm Surge Damage Model for Residential Structures. 2008,	2
2040	Consensus Forecasts of Modeled Wave Parameters. 2009, 24, 492-503	24
2039	Hydrodynamic Investigation of Coastal Bridge Collapse during Hurricane Katrina. 2009, 135, 175-186	63
2038	A numerical oil spill model based on a hybrid method. 2009, 58, 726-34	83
2037	Assimilation of HF radar data into the SWAN wave model. 2009, 77, 312-324	24
2036	Nearshore wave forecasting and hindcasting by dynamical and statistical downscaling. 2009, 78, S235-S243	28
2035	An evaluation of a high-resolution operational wave forecasting system in the Adriatic Sea. 2009, 78, S255-S271	28
2034	Modeling the impact of wind and waves on suspended particulate matter fluxes in the East Frisian Wadden Sea (southern North Sea). 2009, 59, 239-262	43
2033	Wave energy assessments in the Black Sea. 2009, 14, 359-372	59
2032	Evolution of waves and currents over a submerged laboratory shoal. 2009, 56, 297-312	32
2031	Wave energy potential along the Death Coast (Spain). 2009, 34, 1963-1975	136
2030	Optimal interpolation of buoy data into a deterministic wind-wave model. 2009, 49, 261-274	6
2029	Improvement in predictability of waves over the Indian Ocean. 2009, 49, 275-291	22

2028	Estimation of wave period statistics using numerical coastal wave model. 2009 , 49, 165-186	7
2027	Coastal flooding: impacts of coupled wave&surge&tide models. 2009 , 49, 241-260	102
2026	Performance comparison of spectral wave models based on different governing equations including wave breaking. 2009 , 13, 75-84	7
2025	Context dependency of relationships between biodiversity and ecosystem functioning is different for multiple ecosystem functions. 2009 , 118, 1892-1900	40
2024	Comparison between M5? model tree and neural networks for prediction of significant wave height in Lake Superior. 2009 , 36, 1175-1181	129
2023	Deposition and flux of sediment from the Po River, Italy: An idealized and wintertime numerical modeling study. 2009 , 260, 69-80	41
2022	Wave climate, coastal sediment budget and shoreline changes for the Danube Delta. 2009 , 262, 39-49	44
2021	Numerical modelling to estimate the spatial distribution of the wave energy in the Portuguese nearshore. 2009 , 34, 1501-1516	133
2020	Wave energy potential in Galicia (NW Spain). 2009 , 34, 2323-2333	170
2019	A model-coupling framework for nearshore waves, currents, sediment transport, and seabed morphology. 2009 , 14, 2935-2947	20
2018	Derivation of unified wave overtopping formulas for seawalls with smooth, impermeable surfaces based on selected CLASH datasets. 2009 , 56, 385-399	62
2017	The effect of bathymetric filtering on nearshore process model results. 2009 , 56, 484-493	31
2016	Wind wave measurements and modelling in a fetch-limited semi-enclosed lagoon. 2009 , 56, 599-608	12
2015	A ten-year data set for fetch- and depth-limited wave growth. 2009 , 56, 703-725	23
2014	Wind-wave variability in a shallow tidal sea&spectral modelling combined with neural network methods. 2009 , 56, 759-772	20
2013	Beach nourishments at Coolangatta Bay over the period 1987&2005: Impacts and lessons. 2009 , 56, 940-950	37
2012	Seasonal-scale nearshore morphological evolution: Field observations and numerical modeling. 2009 , 56, 1153-1172	50
2011	Sediment dispersal and deposition due to sand mining in the coastal waters of Korea. 2009 , 29, 194-204	31

2010	Extreme wave event along the Guyana coastline in October 2005. 2009 , 29, 352-361	15
2009	A study of dissipation of wind-waves by mud at Cassino Beach, Brazil: Prediction and inversion. 2009 , 29, 676-690	34
2008	Determination of the wave climate for the southern Brazilian shelf. 2009 , 29, 545-555	33
2007	A numerical study on the effects of waveâcurrentâsurge interactions on the height and propagation of sea surface waves in Charleston Harbor during Hurricane Hugo 1989. 2009 , 29, 1454-1463	25
2006	Morphology and sedimentology of a microtidal beach with beachrocks: Vatera, Lesbos, NE Mediterranean. 2009 , 29, 1937-1947	34
2005	Comparing a quasi-3D to a full 3D nearshore circulation model: SHORECIRC and ROMS. 2009 , 26, 91-103	58
2004	Application of a nonlinear frequency domain waveâcurrent interaction model to shallow water recurrence effects in random waves. 2009 , 26, 190-205	12
2003	An unstructured-grid finite-volume surface wave model (FVCOM-SWAVE): Implementation, validations and applications. 2009 , 28, 153-166	96
2002	Investigating the impact of surface wave breaking on modeling the trajectories of drifters in the northern Adriatic Sea during a wind-storm event. 2009 , 30, 225-239	67
2001	Changes in wave climate over the northwest European shelf seas during the last 12,000 years. <i>Journal of Geophysical Research</i> , 2009 , 114,	24
2000	Morphodynamics of Tidal Inlet Systems. 2009 , 41, 203-229	215
1999	Wave-Driven Circulation of a Coastal ReefâLagoon System. 2009 , 39, 873-893	129
1998	Causes of Salt Marsh Erosion in Galveston Bay, Texas. 2009 , 252, 265-272	45
1997	Quantifying the Evolution of a Beach Protected by Low Crested Structures Using Video Monitoring. 2009 , 254, 884-899	18
1996	Nonlinear Wave Statistics in a Focal Zone. 2009 , 39, 1948-1964	44
1995	Current and wave measurements in support of shallow water environmental modeling. 2009 ,	1
1994	Effects of bora wind on physical and biogeochemical properties of stratified waters in the northern Adriatic. <i>Journal of Geophysical Research</i> , 2009 , 114,	64
1993	A numerical study of circulation in a coastal reef-lagoon system. <i>Journal of Geophysical Research</i> , 2009 , 114,	91

1992	Surf zone surface retention on a rip-channeled beach. <i>Journal of Geophysical Research</i> , 2009 , 114,	76
1991	Importance of wind conditions, fetch, and water levels on wave-generated shear stresses in shallow intertidal basins. <i>Journal of Geophysical Research</i> , 2009 , 114,	112
1990	Fine sediment carrying capacity of combined wave and current flows. 2009 , 24, 425-438	21
1989	Wave ModelingâMissing the Peaks. 2009 , 39, 2757-2778	101
1988	Matching of coastal and open ocean wave models in a Mesoscale application over Lake Erie. 2009 , 47, 184-203	1
1987	Numerical simulation of extreme waves during the storm of 20â22 January 2000 using winds generated by the CMC weather prediction model. 2009 , 47, 99-122	0
1986	Numerical Modelling of Wind-Waves -Problems and Results. 2010 , 1, 113-121	
1985	Forecasting Storm Surge, Inundation, and 3D Circulation along the Florida Coast. 2010 ,	2
1984	Waves and wave overtopping on reservoir structures. 2010 , 20, 59-68	1
1983	Projection of Extreme Wave Climate Change under Global Warming. 2010 , 4, 15-19	165
1982	Non-linear wave data assimilation with an ANN-type wind-wave model and Ensemble Kalman Filter (EnKF). 2010 , 34, 1984-1999	12
1981	Estimation of infragravity waves at intermediate water depth. 2010 , 57, 52-61	13
1980	Two-dimensional time dependent hurricane overwash and erosion modeling at Santa Rosa Island. 2010 , 57, 668-683	220
1979	The impact of sea level rise and climate change on inshore wave climate: A case study for East Anglia (UK). 2010 , 57, 973-984	76
1978	Morphodynamics of intermittently openâclosed coastal lagoon entrances: New insights and a conceptual model. 2010 , 271, 55-66	39
1977	Spatial heterogeneity in estuarine mud dynamics. 2010 , 60, 519-533	31
1976	Evolution of bed shear stress distribution over the northwest European shelf seas during the last 12,000 years. 2010 , 60, 1139-1156	43
1975	Modelling of waveâcurrent interactions at the mouths of the Danube. 2010 , 15, 143-159	26

1974	Suspended particulate matter dynamics in a particle framework. 2010 , 10, 21-39	23
1973	Hydrodynamic forcing on salt-marsh development: Distinguishing the relative importance of waves and tidal flows. 2010 , 89, 73-88	118
1972	Coupling mechanisms in double sandbar systems. Part 1: patterns and physical explanation. 2010 , 35, n/a-n/a	19
1971	Coupling mechanisms in double sandbar systems. Part 2: impact on alongshore variability of inner-bar rip channels. 2010 , 35, n/a-n/a	10
1970	Wave modeling and extreme value analysis off the northern coast of the Persian Gulf. 2010 , 32, 209-218	73
1969	Wave energy resource in the Estaca de Bares area (Spain). 2010 , 35, 1574-1584	126
1968	Wave energy and nearshore hot spots: The case of the SE Bay of Biscay. 2010 , 35, 2490-2500	120
1967	Wave forecasts and small-vessel safety: A review of operational warning parameters. 2010 , 23, 1-21	24
1966	Using an artificial neural network to model seasonal changes in beach profiles. 2010 , 37, 1345-1356	38
1965	Potential implications of global warming and barrier island degradation on future hurricane inundation, property damages, and population impacted. 2010 , 53, 645-657	32
1964	Computation of wind-wave spectra in coastal waters with SWAN on unstructured grids. 2010 , 57, 267-277	204
1963	Wave set-up in the storm surge along open coasts during Typhoon Anita. 2010 , 57, 631-642	49
1962	Offshore and inshore wave energy assessment: Asturias (N Spain). 2010 , 35, 1964-1972	125
1961	Wave power for La Isla Bonita. 2010 , 35, 5013-5021	68
1960	Comparison of wave fields caused by four proposed beach nourishment schemes in Beidaihe, China. 2010 , 22, 685-691	5
1959	Potential Impact of Climate Change on Hurricane Flooding Inundation, Population Affected and Property Damages in Corpus Christi1. 2010 , 46, 1049-1059	15
1958	Optimization of Bathymetry Database for Coastal Areas. 2010 , 6, 286-293	1
1957	Flood Risk Mapping Using LiDAR for Annapolis Royal, Nova Scotia, Canada. 2010 , 2, 2060-2082	22

1956	Super-ensemble techniques applied to wave forecast: performance and limitations. 2010 , 6, 595-604	8
1955	Moments-Based Reduced Spectral Wave Modeling of Frequency-and-Directional Spreading Effects on Wave-Induced Longshore Currents. 2010 , 136, 200-214	1
1954	The wave energy resource along Australia's Southern margin. 2010 , 2, 043108	47
1953	Spatial and temporal variability of nearshore wave energy resources along Spain: Methodology and results. 2010 ,	1
1952	APPLICATION OF NUMERICAL MODELS TO EVALUATE OIL SPILLS PROPAGATION IN THE COASTAL ENVIRONMENT OF THE BLACK SEA. 2010 , 18, 288-295	19
1951	An operational system for the forecasting of oceanographic conditions in the Nazare Canyon area (W Portugal). 2010 ,	
1950	A new system for breakzone location and the measurement of breaking wave heights and periods.. 2010 ,	4
1949	Reliability Assessment for Operational Wave Forecasting System in Prince William Sound, Alaska. 2010 , 136, 337-349	11
1948	Validation of Two Wave and Nearshore Current Models. 2010 , 136, 27-45	18
1947	Toward the Probabilistic Simulation of Storm Surge and Inundation in a Limited-Resource Environment. 2010 , 138, 2953-2974	16
1946	Irregular wave propagation at Torres-Mostardas beach, Brazil. 2010 , 163, 57-71	0
1945	Simulation of storm surge, wave, currents, and inundation in the Outer Banks and Chesapeake Bay during Hurricane Isabel in 2003: The importance of waves. <i>Journal of Geophysical Research</i> , 2010 , 115,	71
1944	Modeling of depth-induced wave breaking under finite depth wave growth conditions. <i>Journal of Geophysical Research</i> , 2010 , 115,	47
1943	On the dynamics of wave-mud interaction: A numerical study. <i>Journal of Geophysical Research</i> , 2010 , 115,	29
1942	Ocean wave spectrum properties as derived from quasi-exact computations of nonlinear wave-wave interactions. <i>Journal of Geophysical Research</i> , 2010 , 115,	19
1941	Morphological constraints to wave-driven circulation in coastal reef-lagoon systems: A numerical study. <i>Journal of Geophysical Research</i> , 2010 , 115,	36
1940	A wave-driven jet over a rocky shoal. <i>Journal of Geophysical Research</i> , 2010 , 115,	14
1939	Data assimilation and bathymetric inversion in a two-dimensional horizontal surf zone model. <i>Journal of Geophysical Research</i> , 2010 , 115,	37

1938	Laboratory experiment on rip current circulations over a moveable bed: Drifter measurements. <i>Journal of Geophysical Research</i> , 2010 , 115,	46
1937	Are wind wave heights increasing in south-eastern south American continental shelf between 32°S and 40°S?. 2010 , 30, 481-490	34
1936	The influence of nearshore sand bank dynamics on shoreline evolution in a macrotidal coastal environment, Calais, northern France. 2010 , 30, 1349-1361	28
1935	The influence of El Niño-Southern Oscillation (ENSO) cycles on wave-driven sea-floor sediment mobility along the central California continental margin. 2010 , 30, 1582-1599	21
1934	Influence of hydro-sedimentary factors on mollusc death assemblages in a temperate mixed tide-and-wave dominated coastal environment: Implications for the fossil record. 2010 , 30, 1876-1890	21
1933	Effect of roughness formulation on the performance of a coupled wave, hydrodynamic, and sediment transport model. 2010 , 33, 299-313	24
1932	Wave-current interaction in an oceanic circulation model with a vortex-force formalism: Application to the surf zone. 2010 , 34, 16-35	170
1931	A quadtree-adaptive spectral wave model. 2010 , 34, 36-49	22
1930	A variational data assimilation system for nearshore applications of SWAN. 2010 , 35, 206-214	18
1929	A case study of combined wave and water levels under storm conditions using WAM and SWAN in a shallow water application. 2010 , 35, 215-229	40
1928	Development of a Coupled Ocean-Atmosphere-Wave-Bediment Transport (COAWST) Modeling System. 2010 , 35, 230-244	478
1927	Simulation of storm surge, wave, and coastal inundation in the Northeastern Gulf of Mexico region during Hurricane Ivan in 2004. 2010 , 35, 314-331	61
1926	Uncertainty in wave energy resource assessment. Part 1: Historic data. 2010 , 35, 1792-1808	63
1925	Bottom Boundary Layer Characteristics in the Hooghly Estuary Under Combined Wave-Current Action. 2010 , 33, 261-281	9
1924	Operational observations methods during offshore sand mining - case study in Tallinn Bay, the southern Gulf of Finland. 2010 ,	
1923	Effets d'une houle de tempête sur les mises en suspension des sédiments de fond dans le détroit du Pas-de-Calais. 2010 , 14, 163-179	1
1922	. 2010 ,	0
1921	Sediment Dynamics in the Bay of Marseille, Gulf of Lions (France): Hydrodynamic Forcing vs. Bed Erodibility. 2011 , 276, 942-958	11

1920	Modelling wave energy resources for UK's southwest coast. 2011 ,	4
1919	Optical and Microwave Detection of Wave Breaking in the Surf Zone. 2011 , 49, 1879-1893	34
1918	Sensitivity Study of a Coastal Wave Model for Prediction of Ocean Waves over Indian Ocean Region. 2011 , 34, 167-180	8
1917	Process-based, morphodynamic hindcast of decadal deposition patterns in San Pablo Bay, California, 1856-1887. <i>Journal of Geophysical Research</i> , 2011 , 116,	57
1916	Hydrodynamics of a bathymetrically complex fringing coral reef embayment: Wave climate, in situ observations, and wave prediction. <i>Journal of Geophysical Research</i> , 2011 , 116,	31
1915	Wave-mud interaction over the muddy Atchafalaya subaqueous clinoform, Louisiana, United States: Wave processes. <i>Journal of Geophysical Research</i> , 2011 , 116,	34
1914	Effects of wave averaging on estimates of fluid mixing in the surf zone. <i>Journal of Geophysical Research</i> , 2011 , 116,	15
1913	Modeling rip current circulations and vorticity in a high-energy mesotidal-macrotidal environment. <i>Journal of Geophysical Research</i> , 2011 , 116,	30
1912	Three-dimensional simulation of wave-induced circulation: Comparison of three radiation stress formulations. <i>Journal of Geophysical Research</i> , 2011 , 116,	26
1911	Pressure-gradient-driven nearshore circulation on a beach influenced by a large inlet-tidal shoal system. <i>Journal of Geophysical Research</i> , 2011 , 116,	26
1910	DETERMINISTIC COASTAL MORPHOLOGICAL AND SEDIMENT TRANSPORT MODELING: A REVIEW AND DISCUSSION. 2011 , 49,	81
1909	Directional spectra of hurricane-generated waves in the Gulf of Mexico. 2011 , 38, n/a-n/a	44
1908	A reevaluation of coastal embayment rotation: The dominance of cross-shore versus alongshore sediment transport processes, Collaroy-Narrabeen Beach, southeast Australia. <i>Journal of Geophysical Research</i> , 2011 , 116,	99
1907	Modeling formation and subsequent nonlinear evolution of rip channels: Time-varying versus time-invariant wave forcing. <i>Journal of Geophysical Research</i> , 2011 , 116,	26
1906	Wave-current interaction in Willapa Bay. <i>Journal of Geophysical Research</i> , 2011 , 116,	107
1905	The Effects of Bed Friction on Wave Simulation: Implementation of an Unstructured Third-Generation Wave Model, SWAN. 2011 , 27, 140-152	12
1904	Optimized Determination of Viscous Mud Properties Using a Nonlinear Wave-Mud Interaction Model. 2011 , 28, 1486-1503	9
1903	A Framework for Performance-Based Engineering in Multi-Hazard Coastal Environments. 2011 ,	10

1902	Effects of waves on the initiation of headland-associated sandbanks. 2011 , 31, 1202-1213	13
1901	Dispersal of Mississippi and Atchafalaya sediment on the Texas-Louisiana shelf: Model estimates for the year 1993. 2011 , 31, 1558-1575	55
1900	Simulation of irregular waves in an offshore wind farm with a spectral wave model. 2011 , 31, 1541-1557	26
1899	Modelling impact of northerly wind-generated waves on sediments resuspensions in the Dover Strait and adjacent waters. 2011 , 31, 1894-1903	9
1898	Future evolution of a tidal inlet due to changes in wave climate, Sea level and lagoon morphology (Bidos lagoon, Portugal). 2011 , 31, 1915-1930	33
1897	Controls on river delta formation; insights from numerical modelling. 2011 , 302, 217-226	112
1896	. 2011 ,	2
1895	Waves in Coastal and Estuarine Waters. 2011 , 171-212	3
1894	A Coupled Atmosphere-Wave-Ocean Modeling System: Simulation of the Intensity of an Idealized Tropical Cyclone. 2011 , 139, 132-152	89
1893	Sea Level Rise Impacts to Military Installations in Lower Chesapeake Bay. 2011 ,	2
1892	Wave Climate and Trends Along the Eastern Chukchi Arctic Alaska Coast. 2011 ,	1
1891	Flow, waves and water exchange in the Suur Strait, Gulf of Riga, in 2008**The work was partially supported by the Estonian Science Foundation (Grant 7283) and by the Estonian Road Administration project Perspective Development Plan for the Transportation of Passengers and Goods through the Suur Strait and Suur Strait Ferry Terminal Investment Agreement. 2011 , 58, 25-51	11
1890	SEDIMENT ACCUMULATION PROCESSES DURING SOUTHWEST AND NORTHEAST MONSOONS IN KIRINDA FISHERY HARBOR, SRI LANKA. 2011 , 67, 1141-1146	
1889	Sensitivity of Hurricane Storm Surge Numerical Simulations to Wetland Parameters in Corpus Christi, TX. 2011 ,	1
1888	Performance of Nowcast and Forecast Wave Models for Lunenburg Bay, Nova Scotia. 2011 , 49, 1-7	9
1887	Complex mean circulation over the inner shelf south of Martha's Vineyard revealed by observations and a high-resolution model. <i>Journal of Geophysical Research</i> , 2011 , 116,	21
1886	Shock trains on a planar beach. 2011 , 686, 583-606	2
1885	Swims Hawaii Hurricane Wave, Surge, and Runup Inundation Fast Forecasting Tool. 2011 ,	6

1884	Evaluation of the wave transformation in an open bay with two spectral models. 2011 , 38, 1763-1781	26
1883	Wave modelling at the entrance of ports. 2011 , 38, 2089-2109	25
1882	Sediment dynamics and the burial and exhumation of bedrock reefs along an emergent coastline as elucidated by repetitive sonar surveys: Northern Monterey Bay, CA. 2011 , 289, 46-59	7
1881	Short-term sandbar variability based on video imagery: Comparison between TimeâAverage and TimeâVariance techniques. 2011 , 289, 122-134	15
1880	Mechanisms controlling the intra-annual mesoscale variability of SST and SPM in the southern North Sea. 2011 , 31, 594-610	34
1879	A numerical model of wave- and current-driven nutrient uptake by coral reef communities. 2011 , 222, 1456-1470	23
1878	Modeling wind waves and tidal flows in shallow micro-tidal basins. 2011 , 92, 263-276	65
1877	The use of remote sensing and linear wave theory to model local wave energy around Alphonse Atoll, Seychelles. 2011 , 95, 349-358	11
1876	Evidence for persistent patch structure on temperate reefs and multiple hypotheses for their creation and maintenance. 2011 ,	4
1875	Choosing the site for the first wave farm in a region: A case study in the Galician Southwest (Spain). 2011 , 36, 5525-5531	94
1874	On weakly turbulent scaling of wind sea in simulations of fetch-limited growth. 2011 , 669, 178-213	34
1873	Effects of climate change and wave direction on longshore sediment transport patterns in Southern California. 2011 , 109, 211-228	33
1872	Bed composition generation for morphodynamic modeling: case study of San Pablo Bay in California, USA. 2011 , 61, 173-186	46
1871	An operational model to simulate post-accidental radionuclide transfers in Toulon marine area: preliminary development. 2011 , 61, 1811-1821	10
1870	Numerical modeling of the impact of sea-level rise on fringing coral reef hydrodynamics and sediment transport. 2011 , 30, 83-96	121
1869	Processes controlling the development of a river mouth spit. 2011 , 280, 116-129	34
1868	Evaluation of two WAM white capping parameterizations using parallel unstructured SWAN with application to the Northern Gulf of Mexico, USA. 2011 , 33, 23-30	23
1867	Forecasting ocean waves: Comparing a physics-based model with statistical models. 2011 , 58, 409-416	46

1866	Wave refractionâ€”diffraction effect in the wind wave model WWM. 2011 , 58, 429-443	12
1865	Wave climate and morphosedimentary characteristics of the Kenitraâ€”Bouknadel sandy coast, Morocco. 2011 , 64, 1729-1739	11
1864	Spectral wave transformation model for simulating refraction-diffraction with strongly reflecting coastal structures. 2011 , 30, 25-32	6
1863	The effect of wave-induced radiation stress on storm surge during Typhoon Saomai (2006). 2011 , 30, 20-26	12
1862	A note on the derivation of wave action balance equation in frequency space. 2011 , 25, 133-138	
1861	Development and validation of a three-dimensional, wave-current coupled model on unstructured meshes. 2011 , 54, 42-58	13
1860	The influence of alongshore and cross-shore wave energy flux on large- and small-scale coastal erosion patterns. 2011 , 36, 953-966	7
1859	Prediction and assimilation of surf-zone processes using a Bayesian network. 2011 , 58, 119-130	45
1858	Prediction and assimilation of surf-zone processes using a Bayesian network. 2011 , 58, 256-266	24
1857	Introduction of a new friction routine into the SWAN model that evaluates roughness due to bedform and sediment size changes. 2011 , 58, 317-326	16
1856	SWAN predictions of waves observed in shallow water onshore of complex bathymetry. 2011 , 58, 510-516	58
1855	Morphodynamic upscaling with the MORFAC approach: Dependencies and sensitivities. 2011 , 58, 806-811	99
1854	A hybrid efficient method to downscale wave climate to coastal areas. 2011 , 58, 851-862	124
1853	SWASH: An operational public domain code for simulating wave fields and rapidly varied flows in coastal waters. 2011 , 58, 992-1012	369
1852	Implementation and modification of a three-dimensional radiation stress formulation for surf zone and rip-current applications. 2011 , 58, 1097-1117	65
1851	Simulated wave-driven ANN model for typhoon waves. 2011 , 42, 25-34	16
1850	How ecological engineering can serve in coastal protection. 2011 , 37, 113-122	315
1849	Modeling hurricane waves and storm surge using integrally-coupled, scalable computations. 2011 , 58, 45-65	396

1848	Numerical simulation of nearshore circulation on field topography under random wave environment. 2011 , 58, 395-408	10
1847	Scaling characteristics of ocean wave height time series. 2011 , 390, 981-989	9
1846	Modelling the waveâcurrent interactions in an offshore basin using the SWAN model. 2011 , 38, 63-76	21
1845	Wave height forecasting in Dayyer, the Persian Gulf. 2011 , 38, 248-255	57
1844	Sequential assimilation in the wind wave model for simulations of typhoon events around Taiwan Island. 2011 , 38, 456-467	6
1843	Modelling the influence of currents on wave propagation at the entrance of the Tagus estuary. 2011 , 38, 1174-1183	31
1842	Boulder dynamics on an Atlantic-facing rock coastline, northwest Ireland. 2011 , 283, 56-65	45
1841	Assessment of wave energy resources in Hawaii. 2011 , 36, 554-567	122
1840	An application of the Fast Fourier Transform to the short-term prediction of sea wave behaviour. 2011 , 36, 1685-1692	21
1839	Methodology for estimating wave power potential in places with scarce instrumentation in the Caribbean Sea. 2011 ,	2
1838	SWAN-Mud: Engineering Model for Mud-Induced Wave Damping. 2011 , 137, 959-975	23
1837	A study of the 1 and 2 January 2010 sea-storm in the Ligurian Sea. 2011 , 6, 109-115	9
1836	Hurricane Gustav (2008) Waves and Storm Surge: Hindcast, Synoptic Analysis, and Validation in Southern Louisiana. 2011 , 139, 2488-2522	158
1835	Coupled wave action and shallow-water modelling for random wave runup on a slope. 2011 , 49, 515-522	11
1834	Wave Modeling of Long Island Coastal Waters. 2011 , 27, 470	12
1833	Observation-Consistent Input and Whitecapping Dissipation in a Model for Wind-Generated Surface Waves: Description and Simple Calculations. 2012 , 29, 1329-1346	96
1832	Thickness-Weighted Mean Theory for the Effect of Surface Gravity Waves on Mean Flows in the Upper Ocean. 2012 , 42, 725-747	21
1831	Using Genetic Algorithms to Optimize Bathymetric Sampling for Predictive Model Input. 2012 , 29, 464-477	4

1830	Relocatable, automated cost-benefit analysis for marine sensor network design. 2012 , 12, 2874-98	12
1829	Modeling Waves in Open Coastal Areas and Harbors with Phase-Resolving and Phase-Averaged Models. 2012 , 29, 1309	8
1828	Process-Based Coastal Erosion Modeling for Drew Point, North Slope, Alaska. 2012 , 138, 122-130	27
1827	Seasonal to Decadal Variability of Longshore Sand Transport at the Northwest Coast of Portugal. 2012 , 138, 464-472	18
1826	Degradation and resilience in Louisiana salt marshes after the BP-Deepwater Horizon oil spill. 2012 , 109, 11234-9	245
1825	Simulation of Wave Damping Near Coast due to Offshore Wind Farms. 2012 , 279, 143-148	10
1824	A Spectral Model for Blocking of Random Waves. 2012 , 54, 1250013-1-1250013-29	3
1823	Analysis of Directional Wave Spectra in Shallow Water Areas Using Video Image Data. 2012 , 54, 1250020-1-1250020-24	9
1822	Projection of Global Wave Climate Change toward the End of the Twenty-First Century. 2012 , 26, 8269-8288	97
1821	Numerical Experiments of Bottom Stress on Wave Setup. 2012 , 212-213, 1108-1111	
1820	Wave climate of the Adriatic Sea: a future scenario simulation. 2012 , 12, 2065-2076	33
1819	Iteration Coupling Simulation of Random Waves and Wave-Induced Currents. 2012 , 2012, 1-13	
1818	The combined influence of hydrodynamic forcing and calcification on the spatial distribution of alkalinity in a coral reef system. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	18
1817	Mapping an ecosystem service: A quantitative approach to derive fish feeding ground maps**This study was supported by Norwegian Financial Mechanism (project No. LT0047) and BONUS PREHAB.. 2012 , 54, 491-505	17
1816	The effect of wind waves on the development of river mouth bars. 2012 , 39, n/a-n/a	52
1815	DEVELOPMENT OF CARRYING BARGE SHIPPING SCHEDULING TECHNIQUE USING MARINE FORECAST. 2012 , 68, I_953-I_958	
1814	Development of Carrying Barge Navigation System and the Assessment of its Validity. 2012 , 68, I_921-I_925	
1813	Morphological changes of coral gravel beach in the atoll islands. 2012 , 68, I_99-I_104	1

1812	Resource Assessment for Wave Energy. 2012 , 11-77	8
1811	Theoretical Models for Wave Energy Dissipation Caused by Vegetation. 2012 , 138, 221-229	38
1810	Evaluation of the combined risk of sea level rise, land subsidence, and storm surges on the coastal areas of Shanghai, China. 2012 , 115, 537-558	167
1809	Near-shore wave induced setup along Kalpakkam coast during an extreme cyclone event in the Bay of Bengal. 2012 , 55, 52-61	31
1808	Simulating wave-surge interaction in a non-tidal bay during cyclone Gudrun in January 2005. 2012 ,	2
1807	Natural Recovery of a Mixed Sand and Gravel Beach after a Sequence of a Short Duration Storm and Moderate Sea States. 2012 , 279, 89-101	24
1806	Development of an Operational Nearshore Wave Forecast System for Puerto Rico and the U.S. Virgin Islands. 2012 , 284, 1049-1056	21
1805	Surface Roller Modeling for Mean Longshore Current over a Barred Beach in a Random Wave Environment. 2012 , 284, 1100-1120	2
1804	Synthesis Study of an Erosion Hot Spot, Ocean Beach, California. 2012 , 28, 903	17
1803	Modeling the Tide-Induced Modulation of Wave Height in the Outer Seine Estuary. 2012 , 28, 613	6
1802	Rip Current Prediction: Development, Validation, and Evaluation of an Operational Tool. 2012 , 29, 283	28
1801	Simulations of wave conditions on an open beach configuration: wind resolution, seaward forcing and whitecapping effects. 2012 , 16, 927-942	2
1800	Correlation models in flood risk analysis. 2012 , 105, 64-72	13
1799	Direct measurement of ocean waves velocity field from a single SPOT-5 dataset. 2012 , 119, 266-271	32
1798	Wave forecasts using wind information and genetic programming. 2012 , 54, 61-69	46
1797	Ocean-atmosphere dynamics during Hurricane Ida and Nor-Ida: An application of the coupled ocean-atmosphere-wave-sediment transport (COAWST) modeling system. 2012 , 43-44, 112-137	93
1796	On the development and verification of a parametric parallel unstructured-grid finite-volume wind wave model for coupling with ocean circulation models. 2012 , 37, 179-192	6
1795	The morphodynamics of rip channels on embayed beaches. 2012 , 43, 10-23	61

1794	Turbulence dissipation under breaking waves and bores in a natural surf zone. 2012 , 43, 133-141	32
1793	Spectral modeling of wave dissipation on negative current gradients. 2012 , 68, 17-30	27
1792	Role of morphological variability in the evolution of nearshore sandbars. 2012 , 69, 19-28	12
1791	Wave spectra assimilation in typhoon wave modeling for the East China Sea. 2012 , 69, 29-41	19
1790	Upper Ocean Response to Large Wind Farm Effect in the Presence of Surface Gravity Waves. 2012 , 24, 245-254	15
1789	Morphological response and coastal dynamics associated with major storm events along the Gulf of Lions Coastline, France. 2012 , 143-144, 69-80	28
1788	Critical storm thresholds for morphological changes in the western Black Sea coastal zone. 2012 , 143-144, 81-94	22
1787	Extreme erosion on high-energy embayed beaches: Influence of megarips and storm grouping. 2012 , 139-140, 155-171	79
1786	Developing physical surrogates for benthic biodiversity using co-located samples and regression tree models: a conceptual synthesis for a sandy temperate embayment. 2012 , 26, 2141-2160	14
1785	Freak waves under typhoon conditions. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	19
1784	Coastal wave reflection, directional spread, and seismoacoustic noise sources. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	46
1783	Improvements in spectral wave modeling in tidal inlet seas. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	14
1782	On the impact of an offshore bathymetric anomaly on surf zone rip channels. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	14
1781	Wind-induced resuspension in a shallow lake from Medium Resolution Imaging Spectrometer (MERIS) full-resolution reflectances. 2012 , 48,	22
1780	Coupled atmosphere-ocean-wave simulations of a storm event over the Gulf of Lion and Balearic Sea. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	39
1779	Surface waves and wave-coupled effects in lower atmosphere and upper ocean. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	23
1778	Wind and waves in extreme hurricanes. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	184
1777	Validation of a coupled wave-flow model in a high-energy setting: The mouth of the Columbia River. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a	56

- 1776 New evolution equations for the joint response-excitation probability density function of stochastic solutions to first-order nonlinear PDEs. **2012**, 231, 7450-7474 17
- 1775 Propagation of ocean surface waves on a spherical multiple-cell grid. **2012**, 231, 8262-8277 29
- 1774 Simulation of wave damping during a cold front over the muddy Atchafalaya shelf. **2012**, 47, 165-177 19
- 1773 Evaluation of the numerical wave model (SWAN) for wave simulation in the Black Sea. **2012**, 50-51, 80-99 78
- 1772 Wave energy pattern around the Madeira Islands. **2012**, 45, 771-785 87
- 1771 Characterisation of the wave field and associated risk of sediment resuspension in a coastal aquaculture zone. **2012**, 69, 16-26 3
- 1770 Modelling fetch-limited wave growth from an irregular shoreline. **2012**, 105-108, 96-105 12
- 1769 Application to the Port of Sines of a new tool for risk assessment in port navigation. **2012**, 16, 489-501 1
- 1768 The reduction of storm surge by vegetation canopies: Three-dimensional simulations. **2012**, 39, 53
- 1767 Wave Transformation and Runup on Dikes and Gentle Slopes. **2012**, 29, 615 4
- 1766 A method to characterize the different extreme waves for islands exposed to various wave regimes: a case study devoted to Reunion Island. **2012**, 12, 2425-2437 16
- 1765 Past and recent trends in the western Black Sea storminess. **2012**, 12, 961-977 43
- 1764 Wave-induced extreme water levels in the Puerto Morelos fringing reef lagoon. **2012**, 12, 3765-3773 32
- 1763 Storm surge and wave simulations in the Gulf of Mexico using a consistent drag relation for atmospheric and storm surge models. **2012**, 12, 2399-2410 20
- 1762 Implementation and validation of a coastal forecasting system for wind waves in the Mediterranean Sea. **2012**, 12, 485-494 13
- 1761 Numerical simulation of wind waves on the R^o de la Plata: evaluation of four global atmospheric databases. **2012**, 60, 501-511 4
- 1760 Three-dimensional modelling of wave-induced current from the surf zone to the inner shelf. **2012**, 8, 657-681 36
- 1759 A meta-modelling strategy to identify the critical offshore conditions for coastal flooding. **2012**, 12, 2943-2955 16

1758	Development of an operational coastal flooding early warning system. 2012 , 12, 379-390	21
1757	Performance of different forecast systems in an exceptional storm in the Western Mediterranean Sea. 2012 , 138, 34-55	18
1756	Using ice-scars as indicators of exposure to physical lakeshore disturbances, Corvette Lake, northern Quebec, Canada. 2012 , 37, 1353-1361	2
1755	A wave generation toolbox for the open-source CFD library: OpenFoam3 . 2012 , 70, 1073-1088	504
1754	Wave characteristics and extreme parameters in the Bohai Sea. 2012 , 26, 341-350	20
1753	Coral reef ecosystems protect shore from high-energy waves under climate change scenarios. 2012 , 112, 493-505	12
1752	Performance of the Unstructured-Mesh, SWAN+ADCIRC Model in Computing Hurricane Waves and Surge. 2012 , 52, 468-497	204
1751	Consistency in hurricane surface wind forecasting: an improved parametric model. 2012 , 61, 1029-1050	33
1750	Predicting the distribution of Montastraea reefs using wave exposure. 2012 , 31, 493-503	63
1749	The effect of Coriolis-Stokes forcing on upper ocean circulation in a two-way coupled wave-current model. 2012 , 30, 321-335	10
1748	An investigation of the effects of wave state and sea spray on an idealized typhoon using an air-sea coupled modeling system. 2012 , 29, 391-406	14
1747	A numerical study of the dynamics of the wave-driven circulation within a fringing reef system. 2012 , 62, 585-602	21
1746	Wave data assimilation using a hybrid approach in the Persian Gulf. 2012 , 62, 785-797	35
1745	Toward reliable storm-hazard forecasts: XBeach calibration and its potential application in an operational early-warning system. 2012 , 62, 1001-1015	63
1744	A two-dimensional morphological model based on a next generation circulation solver I: Formulation and validation. 2012 , 59, 1-13	8
1743	Wave dissipation by vegetation with layer schematization in SWAN. 2012 , 59, 64-71	143
1742	Cross-sectional stability of tidal inlets: A comparison between numerical and empirical approaches. 2012 , 60, 21-29	24
1741	On the importance of high frequency tail in third generation wave models. 2012 , 60, 248-260	20

1740	A new breaking wave height direct estimator from video imagery. 2012 , 61, 42-48	36
1739	Bottom friction and wind drag for wave models. 2012 , 65, 19-26	132
1738	A Global Ocean Wave (GOW) calibrated reanalysis from 1948 onwards. 2012 , 65, 38-55	165
1737	Spectral wave modeling in fringing reef environments. 2012 , 67, 67-79	31
1736	Modeling transport and deposition of the Mekong River sediment. 2012 , 37, 66-78	60
1735	Wind-wave climate change and increasing erosion in the outer R [�] de la Plata, Argentina. 2012 , 38, 110-116	27
1734	Surface trajectories of oil transport along the Northern Coastline of the Gulf of Mexico. 2012 , 41, 17-47	64
1733	Gradation from oceanic to estuarine beaches in a r [�] environment: A case study in the R [�] de Vigo. 2012 , 102-103, 60-69	22
1732	Modeling sand-mud transport induced by tidal currents and wind waves in shallow microtidal basins: Application to the Venice Lagoon (Italy). 2012 , 102-103, 105-115	78
1731	A methodology to determine the power performance of wave energy converters at a particular coastal location. 2012 , 61, 8-18	106
1730	Wave energy potential along the south-east coasts of the Black Sea. 2012 , 42, 289-302	64
1729	Estimation of significant wave height in shallow lakes using the expert system techniques. 2012 , 39, 2549-2559	14
1728	Process-based 2DH morphodynamic modeling of tidal inlets: A comparison with empirical classifications and theories. 2012 , 291-294, 1-11	56
1727	Further analysis of change in nearshore wave climate due to an offshore wave farm: An enhanced case study for the Wave Hub site. 2012 , 40, 51-64	73
1726	Wave energy potential along the northern coasts of the Gulf of Oman, Iran. 2012 , 40, 90-97	64
1725	Power calculations for a passively tuned point absorber wave energy converter on the Oregon coast. 2012 , 45, 72-77	29
1724	Wave energy assessments in the Azores islands. 2012 , 45, 183-196	164
1723	Parameterization of bottom friction under combined wave-tide action in the Hooghly estuary, India. 2012 , 43, 43-55	16

1722	A hybrid spectral/DG method for solving the phase-averaged ocean wave equation: Algorithm and validation. 2012 , 231, 4921-4953	5
1721	Modelling waves at Orkney coastal locations. 2012 , 96-97, 116-121	7
1720	The Effects of Surface Gravity Waves on High-Frequency Acoustic Propagation in Shallow Water. 2012 , 37, 112-121	35
1719	The Influence of Wave Energy and Sediment Transport on Seagrass Distribution. 2012 , 35, 92-108	19
1718	Nearshore propagation of cyclonic waves. 2012 , 60, 605-622	4
1717	Climate and variability bias adjustment of climate model-derived winds for a southeast Australian dynamical wave model. 2012 , 62, 87-104	33
1716	Projections of climate change-driven variations in the offshore wave climate off south eastern Australia. 2013 , 33, 1615-1632	29
1715	Wave-tide-surge coupled simulation for typhoon Maemi. 2013 , 27, 141-158	17
1714	Bohai Sea oil spill model: a numerical case study. 2013 , 34, 115-125	11
1713	Changes in surfzone morphodynamics driven by multi-decadal contraction of a large ebb-tidal delta. 2013 , 345, 221-234	19
1712	Spatial and Numerical Methodologies on Coastal Erosion and Flooding Risk Assessment. 2013 , 423-442	10
1711	Coastal retreat and improved water quality mitigate losses of seagrass from sea level rise. 2013 , 19, 2569-83	71
1710	Application of a stochastic differential equation to the prediction of shoreline evolution. 2013 , 27, 1799-1814	4
1709	Comparative Hydrodynamics during Events along a Barrier Island: Explanation for Overwash. 2013 , 36, 334-346	4
1708	Coastal hydrodynamics – present and future. 2013 , 51, 341-350	14
1707	Evaluation of the wind and wave energy along the Caspian Sea. 2013 , 50, 1-14	76
1706	The Evolution of Inhomogeneous Wave Statistics through a Variable Medium. 2013 , 43, 1741-1758	14
1705	Prediction of significant wave height using geno-multilayer perceptron. 2013 , 58, 144-153	29

1704	Climate-based Monte Carlo simulation of trivariate sea states. 2013 , 80, 107-121	14
1703	Pelagic molybdenum concentration anomalies and the impact of sediment resuspension on the molybdenum budget in two tidal systems of the North Sea. 2013 , 119, 198-211	35
1702	Modelling impact of bottom roughness on sea surface temperature in the Sea of Iroise. 2013 , 54, 80-92	10
1701	Coupling of shallow water and circulation models for prediction of multiphysics coastal flows: Method, implementation, and experiment. 2013 , 62, 56-67	12
1700	Depth-induced wave breaking in a non-hydrostatic, near-shore wave model. 2013 , 76, 1-16	131
1699	Nearshore wave field simulation at the lee of a large island. 2013 , 74, 61-71	8
1698	An exploratory model study of sediment transport sources and deposits in the Bohai Sea, Yellow Sea, and East China Sea. 2013 , 118, 5908-5923	107
1697	Numerical study on wave dynamics and wave-induced bed erosion characteristics in Potter Cove, Antarctica. 2013 , 63, 1151-1174	11
1696	Estimation of the wave power resource in the Caribbean Sea in areas with scarce instrumentation. Case study: Isla Fuerte, Colombia. 2013 , 57, 240-248	20
1695	The role of fringing coral reefs on beach morphodynamics. 2013 , 198, 69-83	35
1694	A wave energy resource assessment case study: Review, analysis and lessons learnt. 2013 , 60, 510-521	34
1693	Wave resource assessment along the Cornish coast (UK) from a 23-year hindcast dataset validated against buoy measurements. 2013 , 58, 1-14	59
1692	Wave modeling performance in the Gulf of Mexico and Western Caribbean: Wind reanalyses assessment. 2013 , 39, 20-30	45
1691	Wave farm impact based on realistic wave-WEC interaction. 2013 , 51, 216-229	94
1690	Wave power variability over the northwest European shelf seas. 2013 , 106, 31-46	103
1689	Sea surface temperature modelling in the Sea of Iroise: assessment of boundary conditions. 2013 , 63, 849-863	8
1688	Demography and movement patterns of leopard sharks (<i>Triakis semifasciata</i>) aggregating near the head of a submarine canyon along the open coast of southern California, USA. 2013 , 96, 865-878	17
1687	Atmospheric circulation and storm events in the Black Sea and Caspian Sea. 2013 , 5,	11

1686	Regional projection of future extreme wave heights around Korean Peninsula. 2013 , 48, 439-453	6
1685	Wind wave climate change: Impacts on the littoral processes at the Northern Buenos Aires Province Coast, Argentina. 2013 , 121, 649-660	10
1684	A geospatial assessment of the relationship between reef flat community calcium carbonate production and wave energy. 2013 , 32, 1025-1039	27
1683	Performance and validation of a coupled parallel ADCIRC&SWAN model for THANE cyclone in the Bay of Bengal. 2013 , 13, 601-623	76
1682	Limiters for spectral propagation velocities in SWAN. 2013 , 70, 85-102	37
1681	Numerical study of the marine breeze around Mallorca Island. 2013 , 40, 26-34	18
1680	10.3 Waves. 2013 , 39-73	2
1679	Recurrent arrival of oil to Galician coast: the final step of the Prestige deep oil spill. 2013 , 250-251, 82-90	29
1678	Gulf of Mexico hurricane wave simulations using SWAN: Bulk formula-based drag coefficient sensitivity for Hurricane Ike. 2013 , 118, 3916-3938	46
1677	An experimental and numerical investigation on wave-mud interactions. 2013 , 118, 1126-1141	26
1676	Shallow Water Dissipation Processes for Wind Waves off the Mackenzie Delta. 2013 , 51, 296-308	8
1675	Present climate wave energy potential along the Western Sardinia coast (Italy). 2013 ,	
1674	The spatial and temporal characteristics of the wave energy resources around Taiwan. 2013 , 52, 218-221	23
1673	Characterizing wave- and current- induced bottom shear stress: U.S. middle Atlantic continental shelf. 2013 , 52, 73-86	41
1672	Skill assessment of a real-time forecast system utilizing a coupled hydrologic and coastal hydrodynamic model during Hurricane Irene (2011). 2013 , 71, 78-94	43
1671	Wave¤t interaction effects on marine energy converters. 2013 , 73, 106-118	28
1670	Tidally influenced alongshore circulation at an inlet-adjacent shoreline. 2013 , 56, 26-38	27
1669	Modulation of local wind-waves at Kalpakkam from remote forcing effects of Southern Ocean swells. 2013 , 64, 23-35	66

1668	Ocean-wave coupled modeling in COAMPS-TC: A study of Hurricane Ivan (2004). 2013 , 69, 181-194	18
1667	The NOPP operational wave model improvement project. 2013 , 70, 2-10	43
1666	Evaluation of a high-resolution wave forecasting system for the approaches to ports. 2013 , 58, 224-238	30
1665	Wind waves on a mudflat: The influence of fetch and depth on bed shear stresses. 2013 , 60, S99-S110	45
1664	Finite depth effects on the wave energy resource and the energy captured by a point absorber. 2013 , 67, 13-26	19
1663	Wave evolution across the Louisiana shelf. 2013 , 52, 190-202	3
1662	Waves in the Red Sea: Response to monsoonal and mountain gap winds. 2013 , 65, 1-13	39
1661	Drivers of circulation in a fringing coral reef embayment: A wave-flow coupled numerical modeling study of Hanalei Bay, Hawaii. 2013 , 58, 79-95	31
1660	Frequency width in predictions of windsea spectra and the role of the nonlinear solver. 2013 , 70, 52-61	24
1659	The influence of wind gustiness on estimating the wave power resource. 2013 , 3-4, e1-e10	5
1658	The impact of various methods of wave transfers from deep water to nearshore when determining extreme beach erosion. 2013 , 74, 50-58	14
1657	Understanding processes controlling sediment transports at the mouth of a highly energetic inlet system (San Francisco Bay, CA). 2013 , 345, 207-220	59
1656	A fully coupled method for simulation of wave-current-seabed systems. 2013 , 18, 1694-1709	9
1655	Improving the assessment of wave energy resources by means of coupled wave-ocean numerical modeling. 2013 , 60, 462-471	50
1654	Coastal impact induced by a Pelamis wave farm operating in the Portuguese nearshore. 2013 , 58, 34-49	72
1653	Wave-current interaction: Effect on the wave field in a semi-enclosed basin. 2013 , 70, 152-165	69
1652	Random wave runup and overtopping a steep sea wall: Shallow-water and Boussinesq modelling with generalised breaking and wall impact algorithms validated against laboratory and field measurements. 2013 , 74, 33-49	40
1651	Data assimilation of partitioned HF radar wave data into Wavewatch III. 2013 , 72, 17-31	28

1650	Sediment transport patterns in the San Francisco Bay Coastal System from cross-validation of bedform asymmetry and modeled residual flux. 2013 , 345, 72-95	28
1649	Prediction of waves generated by tropical cyclones with a quadtree-adaptive model. 2013 , 77, 108-119	13
1648	Integration of bed characteristics, geochemical tracers, current measurements, and numerical modeling for assessing the provenance of beach sand in the San Francisco Bay Coastal System. 2013 , 336, 120-145	13
1647	The significance of ultra-refracted surface gravity waves on sheltered coasts, with application to San Francisco Bay. 2013 , 133, 129-136	1
1646	A wave parameters and directional spectrum analysis for extreme winds. 2013 , 67, 100-118	23
1645	Simulating sediment transport processes in San Pablo Bay using coupled hydrodynamic, wave, and sediment transport models. 2013 , 345, 235-253	39
1644	Sensitivity assessment of wave heights to surface forcing in Cook Inlet, Alaska. 2013 , 63, S50-S62	4
1643	Integration of bed characteristics, geochemical tracers, current measurements, and numerical modeling for assessing the provenance of beach sand in the San Francisco Bay Coastal System. 2013 , 345, 181-206	20
1642	Morphological modeling of a nourished bayside beach with a low tide terrace. 2013 , 78, 23-34	3
1641	Transmission of wave energy through an offshore wind turbine farm. 2013 , 82, 25-46	12
1640	A direct comparison of a depth-dependent Radiation stress formulation and a Vortex force formulation within a three-dimensional coastal ocean model. 2013 , 70, 132-144	38
1639	Temperature and light explain spatial variation in growth and productivity of the kelp <i>Ecklonia radiata</i> . 2013 , 476, 59-70	29
1638	Simulating Hurricane Storm Surge in the Lower Mississippi River under Varying Flow Conditions. 2013 , 139, 492-501	31
1637	Growth of river mouth bars in sheltered bays in the presence of frontal waves. 2013 , 118, 872-886	38
1636	Wave energy resources along the Hawaiian Island chain. 2013 , 55, 305-321	77
1635	Wave forcing over an intertidal mussel bed. 2013 , 82, 54-66	20
1634	Surf Zone States and Energy Dissipation Regimes – A Similarity Model. 2013 , 55, 1350003-1-1350003-18	7
1633	The influence of sea level rise and changes in fringing reef morphology on gradients in alongshore sediment transport. 2013 , 40, 3096-3101	41

1632	Assessment of wave energy variation in the Persian Gulf. 2013 , 70, 72-80	64
1631	Assessment of wave energy resource of the Black Sea based on 15-year numerical hindcast data. 2013 , 101, 502-512	113
1630	High resolution downscaled ocean waves (DOW) reanalysis in coastal areas. 2013 , 72, 56-68	73
1629	Pressure Slope Momentum Transfer in Ocean Surface Boundary Layers Coupled with Gravity Waves. 2013 , 43, 2173-2184	7
1628	Ensemble prediction of coastal flood risk arising from overtopping by linking meteorological, ocean, coastal and surf zone models. 2013 , 139, 298-313	26
1627	Coupled sandbar patterns and obliquely incident waves. 2013 , 118, 1677-1692	11
1626	Hydrodynamic Modeling of Tides and Hurricane Storm Surge for Pre- and Post-Dredging Conditions in the Lower St. Johns River, Florida. 2013 ,	1
1625	Evaluation of Various Technologies for Wave Energy Conversion in the Portuguese Nearshore. 2013 , 6, 1344-1364	123
1624	A Variational Assimilation System for Nearshore Wave Modeling. 2013 , 30, 953-970	16
1623	Numerical simulation of wave-induced morphology evolution. 2013 , 166, 113-124	2
1622	Analyses of Extreme Wave Heights in the Gulf of Mexico for Offshore Engineering Applications. 2013 , 135,	22
1621	An Inner-Shelf Wave Forecasting System for the U.S. Pacific Northwest. 2013 , 28, 681-703	31
1620	Numerical Modeling of Suspended Sediment Concentration and Its Validation for the Hooghly Estuary, India. 2013 , 55, 1350006-1-1350006-23	10
1619	Observations and Modeling of Wind Waves in a Shallow Estuary: Galveston Bay, Texas. 2013 , 139, 314-325	5
1618	Calibration of SWAN Model for Wave Simulation in Bohai Sea. 2013 , 423-426, 1344-1350	
1617	Morphological Effects of the Eastern Scheldt Storm Surge Barrier on the Ebb-Tidal Delta. 2013 , 55, 1350010-1-1350010-2	14
1616	Operational models hierarchy for short term marine predictions: The Adriatic Sea example. 2013 ,	21
1615	Hindcast and validation of Hurricane Ike (2008) waves, forerunner, and storm surge. 2013 , 118, 4424-4460	119

1614	Wave Transformation and Wave-Driven Flow across a Steep Coral Reef. 2013 , 43, 1356-1379	74
1613	Numerical Study of the Oil Spill Trajectory in Bohai Sea, China. 2013 , 36, 351-364	6
1612	Estimated electricity production for an anti-roll tank deployed offshore for use as a wave energy converter. 2013 , 8, 497-503	2
1611	Toward High-Resolution, Rapid, Probabilistic Forecasting of the Inundation Threat from Landfalling Hurricanes. 2013 , 141, 1304-1323	8
1610	Breaking wave loads on monopiles for offshore wind turbines and estimation of extreme overturning moment. 2013 , 7, 514-520	21
1609	RESOURCE ASSESSMENT OF WAVE ENERGY AROUND HOKKAIDO IN WINTER. 2013 , 69, I_91-I_96	
1608	Introduction to special section on The U.S. IOOS Coastal and Ocean Modeling Testbed. 2013 , 118, 6319-6328	18
1607	Significant and Maximum Waves under Typhoons with Different Traveling Speed. 2013 , 69, I_141-I_145	1
1606	An integrated model system for coastal flood prediction with a case history for Walcott, UK, on 9 November 2007. 2013 , 6, 229-252	13
1605	Quantifying the length-scale dependence of surf zone advection. 2013 , 118, 2393-2407	7
1604	U.S. IOOS coastal and ocean modeling testbed: Inter-model evaluation of tides, waves, and hurricane surge in the Gulf of Mexico. 2013 , 118, 5129-5172	58
1603	Atmospheric forcing intensifies the effects of regional ocean warming on reef-scale temperature anomalies during a coral bleaching event. 2013 , 118, 4600-4616	26
1602	Projected future wave climate in the NW Mediterranean Sea. 2013 , 118, 3548-3568	53
1601	Impact of current-wave interaction on storm surge simulation: A case study for Hurricane Bob. 2013 , 118, 2685-2701	48
1600	U.S. IOOS coastal and ocean modeling testbed: Evaluation of tide, wave, and hurricane surge response sensitivities to mesh resolution and friction in the Gulf of Mexico. 2013 , 118, 4633-4661	44
1599	Alongshore momentum balance analysis on a cusped foreland. 2013 , 118, 5280-5295	14
1598	Suspended sediment transport in the Deepwater Navigation Channel, Yangtze River Estuary, China, in the dry season 2009: 2. Numerical simulations. 2013 , 118, 5568-5590	54
1597	Development of an inverse method for coastal risk management. 2013 , 13, 999-1013	17

1596	Sea wave modeling with X-band COSMO-SkyMed[®] SAR-derived wind field forcing and applications in coastal vulnerability assessment. 2013 , 9, 325-341	16
1595	Physical and biological controls on the carbonate chemistry of coral reef waters: effects of metabolism, wave forcing, sea level, and geomorphology. 2013 , 8, e53303	89
1594	Hydro-morphodynamic modelling in Mediterranean storms â errors and uncertainties under sharp gradients. 2014 , 14, 2993-3004	17
1593	Assimilation of decomposed in situ directional wave spectra into a numerical wave model of typhoon waves. 2014 , 14, 73-80	
1592	Coastline and River Mouth Evolution in the Central Part of the Red River Delta. 2014 , 43-79	4
1591	Predictions of barrier island berm evolution in a time-varying storm climatology. 2014 , 119, 300-316	22
1590	Natural hazards in a changing world: a case for ecosystem-based management. 2014 , 9, e95942	49
1589	Characteristics of wind velocity and temperature change near an escarpment-shaped road embankment. 2014 , 2014, 695629	5
1588	Re-Evaluating Extremes of Wave Heights in the Coastal Area of the Japan Sea. 2014 , 70, I_101-I_105	
1587	A Numerical Implementation of a Nonlinear Mild Slope Model for Shoaling Directional Waves. 2014 , 2, 140-158	6
1586	Analysis of extreme wave events on the southern coast of Brazil. 2014 , 14, 3195-3205	24
1585	Strengthening the Resiliency of a Coastal Transportation System through Integrated Simulation of Storm Surge, Inundation, and Nonrecurrent Congestion in Northeast Florida. 2014 , 2, 287-305	2
1584	Wind waves in the Black Sea: results of a hindcast study. 2014 , 14, 2883-2897	39
1583	Investigation of hurricane Ivan using the coupled oceanâatmosphereâwaveâbediment transport (COAWST) model. 2014 , 64, 1535-1554	67
1582	Forecasting Capabilities for the London 2012 Olympics. 2014 , 95, 883-896	36
1581	Predicting Barrier Beach Breaching due to Extreme Water Levels at San Quint�n, Baja California, Mexico. 2014 , 71, 100-106	5
1580	A Procedure for Operational Use of Wave Hindcasts to Identify Landfall of Heavy Swell. 2014 , 29, 349-365	7
1579	Numerical Analysis and Diagnosis of the Hydrodynamic Effects Produced by Hurricane Gordon along the Coast of Spain. 2014 , 29, 666-683	

1578	Effects of Submerged Breakwater on Hydrodynamics and Shoreline Change of the East Beach of Beidaihe, Bohai Bay, China. 2014 , 295, 598-614	9
1577	Improvement of the Wet and Dry Algorithm for an Inundation Problem using a Parallel Numerical Model. 2014 , 72, 133-138	0
1576	Variability of Residual Currents and Waves in Haeundae Using Long-term Observed AWAC Data. 2014 , 72, 166-172	2
1575	Coastal Erosion Case at Candeias Beach (NE-Brazil). 2014 , 71, 30-40	15
1574	Evaluation of the Wave Energy Conversion Efficiency in Various Coastal Environments. 2014 , 7, 4002-4018	80
1573	Study on Characteristics of Water Waves in Bohai Sea Using SWAN Model. 2014 , 522-524, 983-989	
1572	Enhancing reproducibility of numerical simulation result on the C-Coupler platform. 2014 ,	1
1571	Predictive mapping of soft-bottom benthic biodiversity using a surrogacy approach. 2014 , 65, 409	14
1570	Intensive study of dangerous swells using a swell warning system. 2014 ,	
1569	Simulating extreme total water levels using a time-dependent, extreme value approach. 2014 , 119, 6305-6329	95
1568	A coupled hydrodynamic modeling system for PHAILIN cyclone in the Bay of Bengal. 2014 , 93, 71-81	79
1567	Current-wave interaction in the Mississippi-Atchafalaya river plume on the Texas-Louisiana shelf. 2014 , 84, 67-83	37
1566	Modeling of sediment resuspension in Neva Bay during strong wind events. 2014 ,	2
1565	Wave Climate Hindcasts for the Bohai Sea, Yellow Sea, and East China Sea. 2014 , 32, 172	8
1564	Spectral Evolution of Nearshore Wave Energy during a Sea-Breeze Cycle. 2014 , 44, 3195-3208	8
1563	Realistic wave conditions and their influence on quantifying the tidal stream energy resource. 2014 , 136, 495-508	77
1562	Wave-current interaction in the presence of a three-dimensional bathymetry: Deep water wave focusing in opposing current conditions. 2014 , 26, 096601	8
1561	The role of morphology and wave-current interaction at tidal inlets: An idealized modeling analysis. 2014 , 119, 8818-8837	46

1560	Morphodynamics of a mesotidal rocky beach: Palmeras beach, Gorgona Island National Natural Park, Colombia. 2014 , 54, 196-209	1
1559	Comparing the ecological relevance of four wave exposure models. 2014 , 140, 7-13	18
1558	Modeling surface waves and wind-driven circulation in eastern Lake Ontario during winter storms. 2014 , 40, 130-142	10
1557	A methodology for deriving extreme nearshore sea conditions for structural design and flood risk analysis. 2014 , 88, 15-26	64
1556	Tide-induced flow signature in rip currents on a meso-macrotidal beach. 2014 , 74, 53-59	11
1555	Error distribution and correction of the predicted wave characteristics over the Persian Gulf. 2014 , 75, 81-89	12
1554	Wave-energy dissipation by bottom friction in the English Channel. 2014 , 82, 42-51	10
1553	Numerical simulation of wave-current interaction using a RANS solver. 2014 , 75, 157-164	79
1552	Wave forecasting system for operational use and its validation at coastal Puducherry, east coast of India. 2014 , 80, 64-72	52
1551	Impact of sea-level rise and coral mortality on the wave dynamics and wave forces on barrier reefs. 2014 , 83, 155-64	33
1550	Prediction of wave parameters by using fuzzy inference system and the parametric models along the south coasts of the Black Sea. 2014 , 19, 1-14	20
1549	Assessment of wave energy in the Canary Islands. 2014 , 68, 774-784	73
1548	A high resolution geospatial database for wave energy exploitation. 2014 , 68, 572-583	42
1547	Spatial variability of waves within a marine energy site using in-situ measurements and a high resolution spectral wave model. 2014 , 66, 699-710	8
1546	An approach to assess flooding and erosion risk for open beaches in a changing climate. 2014 , 87, 50-76	50
1545	Coastal vulnerability to wave storms of Sele littoral plain (southern Italy). 2014 , 71, 1795-1819	31
1544	Optimizing spectral wave estimates with adjoint-based sensitivity maps. 2014 , 64, 487-505	4
1543	A Discontinuous Galerkin Coupled Wave Propagation/Circulation Model. 2014 , 59, 334-370	2

1542	Assessment of the changes induced by a wave energy farm in the nearshore wave conditions. 2014 , 71, 50-61	37
1541	Enhancing the management response to oil spills in the Tuscany Archipelago through operational modelling. 2014 , 85, 574-89	27
1540	Three dimensional simulation of transport and fate of oil spill under wave induced circulation. 2014 , 80, 148-59	14
1539	Wave energy conditions in the western French coast. 2014 , 62, 155-163	75
1538	The role of tides in shelf-scale simulations of the wave energy resource. 2014 , 69, 300-310	31
1537	A note on alongshore sediment transport on weakly curvilinear coasts and its implications. 2014 , 88, 143-153	18
1536	Morphodynamic evolution of a sand extraction excavation offshore Vale do Lobo, Algarve, Portugal. 2014 , 88, 75-87	5
1535	Effect of selection and sequencing of representative wave conditions on process-based predictions of equilibrium embayed beach morphology. 2014 , 64, 863-877	12
1534	Beach memory and ensemble prediction of shoreline evolution near a groyne. 2014 , 86, 77-87	12
1533	Wave resource assessment in Oregon and southwest Washington, USA. 2014 , 64, 203-214	43
1532	Non-hydrostatic modeling of surf zone wave dynamics. 2014 , 83, 36-48	70
1531	Overtopping hazards to port activities: Application of a new methodology to risk management (PORT Risk Management Tool). 2014 , 123, 8-20	16
1530	Wave energy forecasting using artificial neural networks in the Caspian Sea. 2014 , 167, 42-52	8
1529	Arc StormSurge: Integrating Hurricane Storm Surge Modeling and GIS. 2014 , 50, 219-233	16
1528	Comparison of wave height interpolation with wavelet refined cubic spline and fractal methods. 2014 , 87, 136-150	2
1527	Impacts of Parameterized Langmuir Turbulence and Nonbreaking Wave Mixing in Global Climate Simulations. 2014 , 27, 4752-4775	68
1526	Wave characteristics analysis in Bohai Sea based on ECMWF wind field. 2014 , 91, 159-171	47
1525	Resilience of branching and massive corals to wave loading under sea level rise--a coupled computational fluid dynamics-structural analysis. 2014 , 86, 91-101	21

1524	Estimating the dispersal capacity of the introduced green mussel, <i>Perna viridis</i> (Linnaeus, 1758), from field collections and oceanographic modeling. 2014 , 461, 233-242	5
1523	Changes in the morphology of <i>Fucus vesiculosus</i> L. and abundance of seaweed associated fauna along the coastal sea of Estonia. 2014 ,	
1522	NearCoM-TVD – A quasi-3D nearshore circulation and sediment transport model. 2014 , 91, 200-212	16
1521	Performance of artificial neural networks in nearshore wave power prediction. 2014 , 23, 194-201	33
1520	Predicting the large-scale consequences of offshore wind turbine array development on a North Sea ecosystem. 2014 , 85, 60-72	36
1519	Characterizing the near shore wave energy resource on the west coast of Vancouver Island, Canada. 2014 , 71, 665-678	46
1518	Air–Sea interactions during strong winter extratropical storms. 2014 , 64, 1233-1246	13
1517	Assessing the optimal location for a shoreline wave energy converter. 2014 , 132, 404-411	66
1516	Inter-annual and inter-seasonal variability of the Orkney wave power resource. 2014 , 132, 339-348	56
1515	Approximate Stokes Drift Profiles in Deep Water. 2014 , 44, 2433-2445	68
1514	Data-based methods and algorithms for the analysis of sandbar behavior with exogenous variables. 2014 , 72, 134-146	7
1513	Evaluation of wave runup predictions from numerical and parametric models. 2014 , 92, 1-11	79
1512	Wave-driven sediment mobilization on a storm-controlled continental shelf (Northwest Iberia). 2014 , 139, 362-372	24
1511	Impact of tidal-stream arrays in relation to the natural variability of sedimentary processes. 2014 , 72, 311-321	68
1510	Wave energy distribution and morphological development in and around the shadow zone of an embayed beach. 2014 , 93, 40-54	27
1509	Response of the Adriatic Sea to an intense cold air outbreak: Dense water dynamics and wave-induced transport. 2014 , 128, 115-138	57
1508	Evaluation of nearshore wave models in steep reef environments. 2014 , 64, 847-862	49
1507	Hydrodynamic response of a fringing coral reef to a rise in mean sea level. 2014 , 64, 975-987	9

1506	Wave climate variability of Taiwan waters. 2014 , 70, 133-152	4
1505	Mapping joint hurricane wind and surge hazards for Charleston, South Carolina. 2014 , 74, 375-403	25
1504	Sediment transport modifications induced by submerged artificial reef systems: a case study for the Gulf of Venice. 2014 , 43,	5
1503	The effects of a Severn Barrage on wave conditions in the Bristol Channel. 2014 , 68, 428-442	21
1502	Coastal processes and longshore sediment transport along Kundapura coast, central west coast of India. 2014 , 214, 436-451	26
1501	Review of wave-driven sediment resuspension and transport in estuaries. 2014 , 52, 77-117	146
1500	Morphological evolution of an ephemeral tidal inlet from opening to closure: The Albufeira inlet, Portugal. 2014 , 73, 49-63	23
1499	Scaling coastal dune elevation changes across storm-impact regimes. 2014 , 41, 2899-2906	36
1498	Wave farm impact on the beach profile: A case study. 2014 , 86, 36-44	85
1497	A large-scale wave-current coupled module with wave diffraction effect on unstructured meshes. 2014 , 57, 1331-1342	2
1496	Salt-marsh erosion and restoration in relation to flood protection on the Wadden Sea barrier island Terschelling. 2014 , 18, 415-430	4
1495	Modelling storm-induced beach/dune evolution: Sefton coast, Liverpool Bay, UK. 2014 , 357, 225-242	45
1494	Wave energy and hot spots in Anzali port. 2014 , 74, 529-536	27
1493	Integration of coastal inundation modeling from storm tides to individual waves. 2014 , 83, 26-42	19
1492	Offshore wind farm impacts on surface waves and circulation in Eastern Lake Ontario. 2014 , 93, 32-39	15
1491	Directional wave spectrum transformation in the presence of strong depth and current inhomogeneities by means of coupled-mode model. 2014 , 87, 84-96	11
1490	Interdependency of tropical marine ecosystems in response to climate change. 2014 , 4, 724-729	60
1489	Coastal vulnerability due to extreme waves at Kalpakkam based on historical tropical cyclones in the Bay of Bengal. 2014 , 34, 1460-1471	39

1488	Quantifying the potential impact of land cover changes due to sea-level rise on storm surge on lower Texas coast bays. 2014 , 94, 102-111	15
1487	Observation and modeling of the storm-induced fluid mud dynamics in a muddy-estuarine navigational channel. 2014 , 217, 23-36	33
1486	Numerical evaluation of the wave energy resource along the Atlantic European coast. 2014 , 71, 37-49	63
1485	The influence of shelf-indenting canyons and infralittoral prograding wedges on coastal morphology: The Carchuna system in Southern Spain. 2014 , 347, 107-122	25
1484	Modelling of Coastal Infrastructure and Delta River Interaction on Ionic Lucanian Littoral. 2014 , 70, 763-772	8
1483	The role of offshore boundary conditions in the uncertainty of numerical prediction of wave overtopping using non-linear shallow water equations. 2014 , 89, 30-44	23
1482	Modelling ocean currents in the northern Adriatic Sea. 2014 , 87, 54-72	23
1481	A wave farm for an island: Detailed effects on the nearshore wave climate. 2014 , 69, 801-812	32
1480	Random Wave Run-up with a Physically-based Lagrangian Shoreline Model. 2014 , 70, 1046-1054	
1479	High-resolution morphobathymetric analysis and evolution of Capbreton submarine canyon head (Southeast Bay of Biscayâ€”French Atlantic Coast) over the last decade using descriptive and numerical modeling. 2014 , 351, 1-12	33
1478	Evaluation of future storm surge risk in East Asia based on state-of-the-art climate change projection. 2014 , 83, 65-71	51
1477	Impact of winter storms on sediment erosion in the Rhone River prodelta and fate of sediment in the Gulf of Lions (North Western Mediterranean Sea). 2014 , 72, 57-72	38
1476	Storm and fair-weather driven sediment-transport within Poverty Bay, New Zealand, evaluated using coupled numerical models. 2014 , 86, 34-51	19
1475	Distribution and characteristics of marine habitats in a subpolar bay based on hydroacoustics and bed shear stress estimatesâ€”Potter Cove, King George Island, Antarctica. 2014 , 34, 435-446	30
1474	Development and application of an oil spill model with wave-current interactions in coastal areas. 2014 , 84, 213-24	24
1473	Wave growth and forecasting in variable, semi-enclosed domains. 2014 , 87, 28-40	14
1472	Potentials of a hybrid offshore farm for the island of Fuerteventura. 2014 , 86, 300-308	49
1471	An overset grid method for integration of fully 3D fluid dynamics and geophysics fluid dynamics models to simulate multiphysics coastal ocean flows. 2014 , 273, 548-571	31

1470	The relationships among hydrodynamics, sediment distribution, and chlorophyll in a mesotidal estuary. 2014 , 144, 54-64	36
1469	A probabilistic method for constructing wave time-series at inshore locations using model scenarios. 2014 , 89, 53-62	4
1468	Urban coastal flood prediction: Integrating wave overtopping, flood defenses and drainage. 2014 , 91, 18-28	78
1467	Wave energy balance in wave models (SWAN) for semi-enclosed domains—Application to the Catalan coast. 2014 , 87, 41-53	31
1466	Tropical to extratropical: Marine environmental changes associated with Superstorm Sandy prior to its landfall. 2014 , 41, 8935-8943	20
1465	Morphodynamic modelling of wave reworking of an alluvial delta and application of results in the standard reservoir modelling workflow. 2014 , 167-185	1
1464	Surf zone bathymetry and circulation predictions via data assimilation of remote sensing observations. 2014 , 119, 1993-2016	31
1463	Formation of fine sediment deposit from a flash flood river in the Mediterranean Sea. 2014 , 119, 5837-5853	15
1462	Observations of the frontal region of a buoyant river plume using an autonomous underwater vehicle. 2014 , 119, 7549-7567	19
1461	Modeled dependence of wind and waves on ocean temperature in tropical cyclones. 2014 , 41, 7383-7390	7
1460	Future Changes in Gulf of Mexico Hurricane Wave Climatology. 2014 ,	2
1459	Mapping velocity fields in coastal waters using an autonomous underwater vehicle. 2015 ,	2
1458	Simulating complex storm surge dynamics: Three-dimensionality, vegetation effect, and onshore sediment transport. 2015 , 120, 7363-7380	17
1457	Typhoon air-sea drag coefficient in coastal regions. 2015 , 120, 716-727	37
1456	In situ measurements of an energetic wave event in the Arctic marginal ice zone. 2015 , 42, 1863-1870	80
1455	Dynamics of river mouth deposits. 2015 , 53, 642-672	91
1454	Southern Bay of Bengal currents and salinity intrusions during the northeast monsoon. 2015 , 120, 6897-6913	28
1453	Windows of opportunity for salt marsh vegetation establishment on bare tidal flats: The importance of temporal and spatial variability in hydrodynamic forcing. 2015 , 120, 1450-1469	73

1452	Atmospheric circulation and storm events in the Baltic Sea. 2015 , 7,	1
1451	Predicting long-term and short-term tidal flat morphodynamics using a dynamic equilibrium theory. 2015 , 120, 1803-1823	46
1450	Wave climatology in the Apostle Islands, Lake Superior. 2015 , 120, 4869-4890	11
1449	Exploring the sensitivities of crenulate bay shorelines to wave climates using a new vector-based one-line model. 2015 , 120, 2586-2608	30
1448	Infragravity-wave dynamics in a barred coastal region, a numerical study. 2015 , 120, 4068-4089	46
1447	Potential wave energy production by different wave energy converters around Sicily. 2015 , 7, 061701	45
1446	The exposure of Sydney (Australia) to earthquake-generated tsunamis, storms and sea level rise: a probabilistic multi-hazard approach. 2014 , 4, 7401	14
1445	Many Atolls May be Uninhabitable Within Decades Due to Climate Change. 2015 , 5, 14546	99
1444	Nonlinear and directional effects on wave predictions over muddy bottoms: central chenier plain coast, Western Louisiana Shelf, USA. 2015 , 65, 1567-1581	4
1443	The simulation of a storm surge and wave due to Typhoon Sarah using an integrally coupled tide-surge-wave model of the Yellow and East China Seas. 2015 , 50, 683-699	6
1442	Study on a Numerical Navigation System in the East China Sea. 2015 , 53, 257-266	7
1441	Extreme Value Analysis of Dynamical Wave Climate Projections in the Mediterranean Sea. 2015 , 66, 210-219	13
1440	. 2015 ,	
1439	Contrasting geomorphological storm response from two adjacent shorefaces. 2015 , 40, 2112-2120	10
1438	Wave forces limit the establishment of submerged macrophytes in large shallow lakes. 2015 , 60, 1536-1549	15
1437	Quantifying the distribution and influence of non-uniform bed properties in shallow coastal bays. 2015 , 13, 746-762	17
1436	Using Groundwater Data Sondes to Produce High-Quality In Situ Tide and Wave Hydrographs along Wallops Island, Virginia. 2015 , 315, 1275-1283	1
1435	CYCLONE FREQUENCY AND WAVE CHARACTERISTICS IN BAY OF BENGAL. 2015 , 71, I_317-I_322	

1434	BASIC PERFORMANCE OF THE THIRD GENERATION WAVE MODEL SWAN IN IDEAL GENERATION CONDITIONS. 2015 , 71, I_335-I_340	
1433	SUPPLEMENTARY INVESTIGATION FOR EXTREMES OF WAVE HEIGHTS IN COASTAL AREAS OF THE JAPAN SEA ASSOCIATED WITH APRIL 3-4, 2012 LPS. 2015 , 71, I_341-I_346	
1432	Simulation of the December 2014 Nemuro Storm Surge and Incident Waves. 2015 , 71, I_1543-I_1548	3
1431	VERIFICATION OF APPLICABILITY OF JMA-MSM-BASED WINDS AND SWAN-BASED WAVE HINDCASTING SYSTEM TO THE JAPAN SEA. 2015 , 71, I_109-I_114	1
1430	MECHANISMS TO DEVELOP HIGH WAVES INDUCED BY AN EXPLOSIVE CYCLOGENESIS OVER THE JAPAN SEA. 2015 , 71, I_1537-I_1542	
1429	Observed and modeled drifters at a tidal inlet. 2015 , 120, 4825-4844	20
1428	Hindcasting Long Waves in a Port: An ANN Approach. 2015 , 57, 1550019-1-1550019-20	5
1427	Hydrodynamic and sediment transport modeling of New River Inlet (NC) under the interaction of tides and waves. 2015 , 120, 4028-4047	32
1426	Estimating wave energy dissipation in the surf zone using thermal infrared imagery. 2015 , 120, 3937-3957	25
1425	Coastal flooding of urban areas by overtopping: dynamic modelling application to the Johanna storm (2008) in Gênes (France). 2015 , 15, 2497-2510	37
1424	Assessment of the Wave Energy in the Black Sea Based on a 15-Year Hindcast with Data Assimilation. 2015 , 8, 10370-10388	52
1423	Investigation of suitable sites for wave energy converters around Sicily (Italy). 2015 , 11, 543-557	42
1422	A validation of an operational wave and surge prediction system for the Dutch coast. 2015 , 15, 1231-1242	17
1421	Wind and Wave Setup Contributions to Extreme Sea Levels at a Tropical High Island: A Stochastic Cyclone Simulation Study for Apia, Samoa. 2015 , 3, 1117-1135	25
1420	A new high-resolution BOLAM-MOLOCH suite for the SIMM forecasting system: assessment over two HyMeX intense observation periods. 2015 , 15, 1-24	17
1419	TRANSFORMAÇÃO DE ONDAS SOBRE A PLATAFORMA CONTINENTAL E CORRENTES INDUZIDAS POR ONDAS. 2015 , 99-134	
1418	Coupled Wave Energy and Erosion Dynamics along a Salt Marsh Boundary, Hog Island Bay, Virginia, USA. 2015 , 3, 1041-1065	33
1417	Will the Effects of Sea-Level Rise Create Ecological Traps for Pacific Island Seabirds?. 2015 , 10, e0136773	48

1416	Impacts on wave-driven harbour agitation due to climate change in Catalan ports. 2015 , 15, 1695-1709	15
1415	Hydrodynamic and Sediment Modelling within a Macro Tidal Estuary: Port Curtis Estuary, Australia. 2015 , 3, 720-744	8
1414	Midshelf to Surfzone Coupled ROMS&SWAN Model Data Comparison of Waves, Currents, and Temperature: Diagnosis of Subtidal Forcings and Response. 2015 , 45, 1464-1490	36
1413	Salt marshes to adapt the flood defences along the Dutch Wadden Sea coast. 2015 , 20, 929-948	19
1412	Sustainability of Artificial Coasts: The Barcelona Coast Case. 2015 , 163-182	
1411	On the consistency of the drag between air and water in meteorological, hydrodynamic and wave models. 2015 , 65, 989-1000	4
1410	Modeling the dispersion of viable and total Escherichia coli cells in the artificial semi-enclosed bathing area of Santa Marinella (Latium, Italy). 2015 , 95, 141-54	23
1409	Simulating and forecasting ocean wave energy in western Canada. 2015 , 103, 223-236	45
1408	Numerical Simulation of Nearshore Hydrodynamics and Sediment Transport Downdrift of a Tidal Inlet. 2015 , 141, 04014035	15
1407	A Tool for Coastal Setbacks Demarcation over Rough, Impermeable Shores: The Test Case of Kavala Coastline (Northern Greece). 2015 , 43, 519-538	
1406	An integrated ocean circulation, wave, atmosphere, and marine ecosystem prediction system for the South Atlantic Bight and Gulf of Mexico. 2015 , 8, 80-91	68
1405	Seasonality of wave prediction skills for supporting marine operations in an offshore wind farm. 2015 ,	
1404	Swell Prediction for the Korean Coast. 2015 , 32, 131	3
1403	High resolution local wave energy modelling in the Iberian Peninsula. 2015 , 91, 1099-1112	63
1402	Impact of Coupling an Ocean Model to WRF Nor&Baster Simulations. 2015 , 143, 4997-5016	10
1401	Observed wave climate trends in the offshore Black Sea from 1990 to 2014. 2015 , 55, 837-843	8
1400	A method for assessing the coastline recession due to the sea level rise by assuming stationary wind-wave climate. 2015 , 44, 362-380	11
1399	Wave retrieval from SAR imagery in the East China Sea. 2015 ,	

1398	Evaluation of Storm Surge Caused by Typhoon Yolanda (2013) and Using Weather - Storm Surge - Wave - Tide Model. 2015 , 116, 373-380	11
1397	Impact of assimilating altimeter data on wave predictions in the western Iberian coast. 2015 , 96, 126-135	22
1396	A simple approximation for wave refraction Application to the assessment of the nearshore wave directionality. 2015 , 96, 324-333	14
1395	Observation-based source terms in the third-generation wave model WAVEWATCH. 2015 , 96, 2-25	109
1394	Biological valorisation of benthic habitats in the SE Baltic Sea. 2015 , 30, 300-304	3
1393	Sensitivity analysis of numerical wave predictions models, considering wind and geometry effects in rectangular lakes. 2015 , 104, 549-557	2
1392	On errors in low frequency wave measurements from wave buoys. 2015 , 95, 11-22	12
1391	Intra-annual wave resource characterization for energy exploitation: A new decision-aid tool. 2015 , 93, 1-8	39
1390	Wave energy assessment in Sicily (Italy). 2015 , 78, 276-287	47
1389	The impact of channel deepening and dredging on estuarine sediment concentration. 2015 , 95, 1-14	123
1388	Modeled alongshore circulation and force balances onshore of a submarine canyon. 2015 , 120, 1887-1903	17
1387	Scaling depth-induced wave-breaking in two-dimensional spectral wave models. 2015 , 87, 30-47	29
1386	Numerical modelling of the wave energy in Galway Bay. 2015 , 78, 457-466	43
1385	Wave influence in the construction, shaping and destruction of river deltas: A review. 2015 , 361, 53-78	146
1384	Natural radionuclides tracing in marine surface waters along the northern coast of Oman Sea by combining the radioactivity analysis, oceanic currents and the SWAN model results. 2015 , 92, 201-211	3
1383	An integrated model for three-dimensional cohesive sediment transport in storm event and its application on Lianyungang Harbor, China. 2015 , 65, 395-417	5
1382	Winds, waves and shorelines from ancient martian seas. 2015 , 250, 368-383	13
1381	Variability assessment and forecasting of renewables: A review for solar, wind, wave and tidal resources. 2015 , 44, 356-375	172

1380	Development and uncertainty quantification of hurricane surge response functions for hazard assessment in coastal bays. 2015 , 77, 1103-1123	18
1379	An exact reanalysis technique for storm surge and tides in a geographic region of interest. 2015 , 97, 60-77	12
1378	Wave modelling as a proxy for seagrass ecological modelling: Comparing fetch and process-based predictions for a bay and reef lagoon. 2015 , 153, 108-120	26
1377	East Frisian Wadden Sea hydrodynamics and wave effects in an unstructured-grid model. 2015 , 65, 419-434	19
1376	Rates and Forcing of Marsh Edge Erosion in a Shallow Coastal Bay. 2015 , 38, 620-638	71
1375	Study of the Gonu Tropical Cyclone in the Arabian Sea. 2015 , 313, 616-623	9
1374	Coastal Ocean Forecasting: system integration and evaluation. 2015 , 8, s127-s146	31
1373	Space allocation for coastal aquaculture in North Africa: Data constraints, industry requirements and conservation issues. 2015 , 116, 89-97	15
1372	Modelling the effect of wave forces on subtidal macroalgae: A spatial evaluation of predicted disturbance for two habitat-forming species. 2015 , 313, 149-161	3
1371	Evaluation of wave energy potential in the Sea of Iroise with two spectral models. 2015 , 106, 141-151	23
1370	The role of sea surface drag in a coupled surge and wave model for Typhoon Haiyan 2013. 2015 , 96, 65-84	22
1369	Stochastic modeling of inhomogeneous ocean waves. 2015 , 96, 26-35	5
1368	A Hybrid SWAN Version for Fast and Efficient Practical Wave Modelling. 2015 , 51, 1524-1533	4
1367	On the morphological development of embayed beaches. 2015 , 248, 252-263	16
1366	Numerical modelling of nearshore wave energy resource in the Sea of Iroise. 2015 , 83, 942-953	44
1365	Stochastic Modeling of Coherent Wave Fields over Variable Depth. 2015 , 45, 1139-1154	10
1364	Evaluation of Extreme Waves Associated with Cyclonic Activity on San Andr�s Island in the Caribbean Sea since 1900. 2015 , 313, 557-568	5
1363	A nearshore long-term infragravity wave analysis for open harbours. 2015 , 97, 78-90	13

1362	Evaluation of WAVEWATCH III performance with wind input and dissipation source terms using wave buoy measurements for October 2006 along the east Korean coast in the East Sea. 2015 , 100, 67-82	18
1361	A proposed wave farm on the Galician coast. 2015 , 99, 102-111	47
1360	Using Non-authoritative Sources During Emergencies in Urban Areas. 2015 , 337-361	10
1359	Interannual Variability of Two Offshore Sand Banks in a Region of Extreme Tidal Range. 2015 , 300, 265-275	10
1358	Marine Currents in the Gulf of Urab [^] nColombian Caribbean Sea. 2015 , 316, 1363-1374	8
1357	On the application of WentzelâKramerâBrillouin theory for the simulation of the weakly nonlinear dynamics of gravity waves. 2015 , 141, 676-697	19
1356	Boussinesq modeling of spatial variability of infragravity waves on fringing reefs. 2015 , 101, 78-92	27
1355	Assimilation of ocean wave spectra and atmospheric circulation patterns to improve wave modelling. 2015 , 100, 1-10	6
1354	The intra-annual variability in the performance of wave energy converters: A comparative study in N Galicia (Spain). 2015 , 82, 138-146	47
1353	Liouville equation-based stochastic model for shoreline evolution. 2015 , 29, 1867-1880	1
1352	The use of COSMO-SkyMed ^r SAR data for coastal management. 2015 , 20, 542-550	13
1351	Sea state observation in island-sheltered nearshore zone based on in situ intermediate-water wave measurements and NCEP/CFSR wind data. 2015 , 65, 647-663	10
1350	The international workshop on wave hindcasting and forecasting and the coastal hazards symposium. 2015 , 65, 761-771	2
1349	Climate change impact on wave energy in the Persian Gulf. 2015 , 65, 777-794	34
1348	Is wind-wave fetch exposure related to soft shoreline change in swell-sheltered situations with low terrestrial sediment input?. 2015 , 19, 23-33	12
1347	Italian seas wave extremes: a preliminary assessment. 2015 , 26, 25-35	4
1346	The study on the bottom friction and the breaking coefficient for typhoon waves in radial sand ridgesâThe Lanshayang Channel as an example. 2015 , 34, 99-107	
1345	An efficient early warning system for typhoon storm surge based on time-varying advisories by coupled ADCIRC and SWAN. 2015 , 65, 617-646	32

1344	Boussinesq modeling of longshore currents in the SandyDuck experiment under directional random wave conditions. 2015 , 101, 17-34	21
1343	Evaluation of Two Spectral Wave Models in Coastal Areas. 2015 , 300, 326-339	7
1342	Large-scale dam removal on the Elwha River, Washington, USA: Coastal geomorphic change. 2015 , 246, 649-668	44
1341	Towards the optimal design of a co-located wind-wave farm. 2015 , 84, 15-24	44
1340	Analysis of SARAL/AltiKa Wind and Wave over Indian Ocean and its Real-time Application in Wave Forecasting System at ISRO. 2015 , 38, 396-408	9
1339	Evaluation of the sea state near Jeddah based on recent observations and model results. 2015 , 8, 1-10	16
1338	A data assimilation scheme to improve the wave predictions in the Black Sea. 2015 ,	1
1337	Wave climate of the Black Sea: An analysis of the observed trends. 2015 ,	1
1336	Three-dimensional wave-coupled hydrodynamics modeling in South San Francisco Bay. 2015 , 85, 10-21	6
1335	Modeling depth-induced wave breaking over complex coastal bathymetries. 2015 , 105, 21-35	15
1334	Dynamics of Wave Setup over a Steeply Sloping Fringing Reef. 2015 , 45, 3005-3023	39
1333	Wave model predictions in the Black Sea: Sensitivity to wind fields. 2015 , 53, 161-178	68
1332	Influence of Wind Force on a Silt-Muddy Coast: Huanghua Harbor Coast, China. 2015 , 141, 05015001	7
1331	Conservation of energy for non-dissipative water waves. 2015 , 107, 147-156	
1330	Space-time Wave Extremes: The Role of Metocean Forcings. 2015 , 45, 1897-1916	11
1329	New insights into embayed beach rotation: The importance of wave exposure and cross-shore processes. 2015 , 120, 1470-1484	69
1328	Terrain-driven unstructured mesh development through semi-automatic vertical feature extraction. 2015 , 86, 102-118	23
1327	Evaluating third generation wave spectral models performances in coastal areas. An application to Eastern Liguria. 2015 ,	1

1326	Significant wave height record extension by neural networks and reanalysis wind data. 2015 , 94, 128-140	35
1325	Destructive tsunami-like wave generated by surf beat over a coral reef during Typhoon Haiyan. 2015 , 6, 7854	129
1324	Dynamic Modelling of Rip Currents for Swimmer Safety on a Wind-Sea-Dominated Mesotidal Beach. 2015 , 32, 339	1
1323	Comparison of storm cluster vs isolated event impacts on beach/dune morphodynamics. 2015 , 164, 301-312	33
1322	Wave Propagation into Complex Coastal Systems and the Role of Nonlinear Interactions. 2015 , 141, 04015003	3
1321	Classification of rocky headlands in California with relevance to littoral cell boundary delineation. 2015 , 369, 137-152	27
1320	A simplified water wave optimization algorithm. 2015 ,	23
1319	River-derived sediment suspension and transport in the Bohai, Yellow, and East China Seas: A preliminary modeling study. 2015 , 111, 112-125	49
1318	Case Studies Worldwide. 2015 , 325-628	3
1317	Co-located wind-wave farm synergies (Operation & Maintenance): A case study. 2015 , 91, 63-75	55
1316	Stochastic simulations of ocean waves: An uncertainty quantification study. 2015 , 86, 15-35	9
1315	Climate change impacts on wave and surge processes in a Pacific Northwest (USA) estuary. 2015 , 120, 182-200	14
1314	Coastal risk assessment of a micro-tidal littoral plain in response to sea level rise. 2015 , 104, 22-35	39
1313	Storm Surge and Surface Waves in a Shallow Lagoonal Estuary during the Crossing of a Hurricane. 2015 , 141,	21
1312	Impacts of a Wave Farm on Waves, Currents and Coastal Morphology in South West England. 2015 , 38, 159-172	9
1311	Water wave optimization: A new nature-inspired metaheuristic. 2015 , 55, 1-11	324
1310	Effect of waves on the tidal energy resource at a planned tidal stream array. 2015 , 75, 626-639	55
1309	Numerical simulation of extreme wave runup during storm events in Tramanda^ Beach, Rio Grande do Sul, Brazil. 2015 , 95, 171-180	31

1308	The influence of wind and waves on the existence of stable intertidal morphology in meso-tidal estuaries. 2015 , 228, 158-174	50
1307	Phenological decoupling of mortality from wave forcing in kelp beds. 2015 , 96, 850-61	15
1306	Modelling wave-driven sediment transport in a changing climate: a case study for northern Adriatic Sea (Italy). 2015 , 15, 45-55	11
1305	The Marine Virtual Laboratory (version 2.1): enabling efficient ocean model configuration. 2016 , 9, 3297-3307	1
1304	Run-up parameterization and beach vulnerability assessment on a barrier island: a downscaling approach. 2016 , 16, 167-180	20
1303	Parameter sensitivity and uncertainty analysis for a storm surge and wave model. 2016 , 16, 2195-2210	16
1302	Analysis of the Global Swell and Wind Sea Energy Distribution Using WAVEWATCH III. 2016 , 2016, 1-9	19
1301	A coupled wave-B-D hydrodynamics model of the Taranto Sea (Italy): a multiple-nesting approach. 2016 , 16, 2071-2083	14
1300	The Civitavecchia Coastal Environment Monitoring System (C-CEMS): a new tool to analyze the conflicts between coastal pressures and sensitivity areas. 2016 , 12, 87-100	20
1299	National scale multivariate extreme value modelling of waves, winds and sea levels. 2016 , 7, 01007	
1298	Temporal evolution of the momentum balance terms and frictional adjustment observed over the inner shelf during a storm. 2016 , 12, 137-151	4
1297	Analysis of the Effect of a Marine Energy Farm to Protect a Biosphere Reserve. 2016 , 62, 06004	5
1296	RISC-KIT: Resilience-increasing Strategies for Coasts. 2016 , 7, 17001	4
1295	Coastal Ecosystem Modeling in the Context of Climate Change. 2016 , 227-260	2
1294	Can an early-warning system help minimize the impacts of coastal storms? A case study of the 2012 Halloween storm, northern Italy. 2016 , 16, 209-222	44
1293	High-resolution wave and hydrodynamics modelling in coastal areas: operational applications for coastal planning, decision support and assessment. 2016 , 16, 1499-1518	20
1292	Island Modeling Using Unstructured Grid during a Tropical Storm. 2016 , 2016, 1-8	
1291	Existing Simulation and Design Tools. 2016 , 145-166	

1290	Numerical Simulations of Suspended Sediment Dynamics Due to Seasonal Forcing in the Mekong Coastal Area. 2016 , 8, 255	16
1289	Indian Ocean Dipole modulated wave climate of eastern Arabian Sea. 2016 , 12, 369-378	19
1288	Reliability and Applications of the Numerical Wave Predictions in the Black Sea. 2016 , 3,	9
1287	Potential Structuring Forces on a Shelf Edge Upper Mesophotic Coral Ecosystem in the US Virgin Islands. 2016 , 3,	11
1286	High-Resolution Wave Energy Assessment in Shallow Water Accounting for Tides. 2016 , 9, 761	13
1285	A Detailed Assessment of the Wave Energy Resource at the Atlantic Marine Energy Test Site. 2016 , 9, 967	22
1284	Review of Long Wave Dynamics over Reefs and into Ports with Implication for Port Operations. 2016 , 4, 12	6
1283	Storm Surge Modeling in Large Estuaries: Sensitivity Analyses to Parameters and Physical Processes in the Chesapeake Bay. 2016 , 4, 45	32
1282	Application of a Spectral Wave Model to Assess Breakwater Configurations at a Small Craft Harbour on Lake Ontario. 2016 , 4, 46	4
1281	Variations in the Wave Climate and Sediment Transport Due to Climate Change along the Coast of Vietnam. 2016 , 4, 86	8
1280	A QGIS Plugin for Offshore Wave Hindcasting Based on Geographic Transposition of Wave Gauge Data. 2016 , 6, 33-40	0
1279	VERIFICATION TESTS OF MSM WINDS/SWAN-BASED WAVE HINDCASTING SYSTEM USING MEASUREMENT WAVE RECORDS BY GPS BUOYS DEPLOYED ALONG OFFSHORE AREAS OF THE JAPANESE PACIFIC COASTS. 2016 , 72, I_151-I_156	
1278	Modeling Salinity Exchanges Between the Equatorial Indian Ocean and the Bay of Bengal. 2016 , 29, 92-101	36
1277	Changes in nearshore waves during the active sea/land breeze period off Vengurla, central west coast of India. 2016 , 34, 215-226	12
1276	Ocean modelling for aquaculture and fisheries in Irish waters. 2016 , 12, 101-116	2
1275	Analysis of different atmospheric physical parameterizations in COAWST modeling system for the Tropical Storm Nock-ten application. 2016 , 82, 903-920	4
1274	A methodology to estimate wave-induced coastal flooding hazard maps in Spain. 2016 , 9, 289-305	16
1273	Development of an unstructured-grid wave-current coupled model and its application. 2016 , 104, 213-225	21

- 1272 Identifying Coastal Defence Schemes through Morphodynamic Numerical Simulations along the Northern Coast of Yucatan, Mexico. **2016**, 32, 651 6
- 1271 Selecting optimum locations for co-located wave and wind energy farms. Part II: A case study. **2016**, 122, 599-608 35
- 1270 Data Assimilation for Bathymetry Estimation at a Tidal Inlet. **2016**, 33, 2145-2163 7
- 1269 Alongshore sediment bypassing as a control on river mouth morphodynamics. **2016**, 121, 664-683 48
- 1268 An economic impact metric for evaluating wave height forecasters for offshore wind maintenance access. **2016**, 19, 199-212 10
- 1267 Estimating river discharge using multiple-tide gauges distributed along a channel. **2016**, 121, 2078-2097 27
- 1266 Nearshore sandbar rotation at single-barred embayed beaches. **2016**, 121, 2286-2313 22
- 1265 Surface gravity wave transformation across a platform coral reef in the Red Sea. **2016**, 121, 693-705 29
- 1264 Field measurements of intertidal bar evolution on a high-energy beach system. **2016**, 41, 1107-1114 11
- 1263 A multi-parameter data-assimilation approach for wave prediction in coastal areas. **2016**, 9, 13-25 5
- 1262 Evolution of a Shallow Water Wave-Dominated Shipwreck Site: Fougueux (1805), Gulf of Cadiz. **2016**, 31, 487-505 15
- 1261 Multi-criteria evaluation of wave energy projects on the south-east Australian coast. **2016**, 99, 80-94 30
- 1260 Beach Morphodynamics influenced by an ebb-tidal delta on the north Florida Atlantic coast. **2016**, 41, 936-950 8
- 1259 Complex coastal change in response to autogenic basin infilling: An example from a sub-tropical Holocene strandplain. **2016**, 63, 1362-1395 30
- 1258 THE EARTH SYSTEM PREDICTION SUITE: Toward a Coordinated U.S. Modeling Capability. **2016**, 97, 1229-1247 31
- 1257 A multi-decade dataset of monthly beach profile surveys and inshore wave forcing at Narrabeen, Australia. **2016**, 3, 160024 82
- 1256 Review of Wave Loads on Coastal Bridge Decks. **2016**, 68, 43
- 1255 Joint probability analysis of extreme wave heights and storm surges in the Aegean Sea in a changing climate. **2016**, 7, 02002 2

1254	Tide-surge and wave interaction in the Gulf of Maine during an extratropical storm. 2016 , 66, 1715-1732	12
1253	Development of a depth-integrated longshore current model with unstructured grids. 2016 , 30, 718-732	3
1252	GNSS-R nonlocal sea state dependencies: Model and empirical verification. 2016 , 121, 8379-8394	8
1251	A robust operational model for predicting where tropical cyclone waves damage coral reefs. 2016 , 6, 26009	43
1250	Evaluation of SIFOM-FVCOM system for high-fidelity simulation of small-scale coastal ocean flows. 2016 , 28, 994-1002	11
1249	Morphodynamics of prograding beaches: A synthesis of seasonal- to century-scale observations of the Columbia River littoral cell. 2016 , 376, 51-68	40
1248	Numerical modelling of the Gold Coast Seaway area hydrodynamics and littoral drift. 2016 , 121, 47-61	14
1247	Erosion of a sandy coast: continuous follow-up of the coastal groynes of protection in Boumerdes (Algeria). 2016 , 75, 1	8
1246	Assessing the relevance of wetlands for storm surge protection: a coupled hydrodynamic and geospatial framework. 2016 , 80, 839-861	12
1245	Modeling wave attenuation induced by the vertical density variations of vegetation. 2016 , 112, 17-27	23
1244	Drag coefficient comparisons between observed and model simulated directional wave spectra under hurricane conditions. 2016 , 102, 1-13	22
1243	Validated coastal flood modeling at Imperial Beach, California: Comparing total water level, empirical and numerical overtopping methodologies. 2016 , 111, 95-104	49
1242	Response of waves and coastline evolution to climate variability off the Niger Delta coast during the past 110years. 2016 , 160, 64-80	22
1241	Interactions among Adriatic continental margin morphology, deep circulation and bedform patterns. 2016 , 375, 82-98	25
1240	Scratching beneath the surface while coupling atmosphere, ocean and waves: Analysis of a dense water formation event. 2016 , 101, 101-112	44
1239	A simplified method to estimate tidal current effects on the ocean wave power resource. 2016 , 96, 257-269	15
1238	Morpho-sedimentary dynamics of a micro-tidal mixed sand and gravel beach, Playa Granada, southern Spain. 2016 , 379, 28-38	50
1237	Temporal-spatial variation of wave energy and nearshore hotspots in the Gulf of Oman based on locally generated wind waves. 2016 , 94, 341-352	31

1236	Wave hindcast studies using SWAN nested in WAVEWATCH III - comparison with measured nearshore buoy data off Karwar, eastern Arabian Sea. 2016 , 119, 114-124	54
1235	Effects of internal loading on phosphorus distribution in the Taihu Lake driven by wind waves and lake currents. 2016 , 219, 760-773	68
1234	A Structured and Unstructured grid Relocatable ocean platform for Forecasting (SURF). 2016 , 133, 54-75	17
1233	Numerical study of coastal hydrodynamics using a coupled model for Hudhud cyclone in the Bay of Bengal. 2016 , 183, 13-27	51
1232	Salt marsh erosion rates and boundary features in a shallow Bay. 2016 , 121, 1861-1875	50
1231	The effect of channel deepening on tides and storm surge: A case study of Wilmington, NC. 2016 , 43, 9138-9147	72
1230	Assessing the extreme overwash regime along an embayed urban beach. 2016 , 274, 64-77	7
1229	Sediment sorting at the Sand Motor at storm and annual time scales. 2016 , 381, 209-226	24
1228	Development of the Western Lake Erie Ecosystem Model (WLEEM): Application to connect phosphorus loads to cyanobacteria biomass. 2016 , 42, 1193-1205	41
1227	Assessing climate change impacts on open sandy coasts: A review. 2016 , 160, 320-332	139
1226	Metocean Extreme and Operating Conditions. 2016 , 47-76	3
1225	Modeling of Coastal Waves and Hydrodynamics. 2016 , 597-610	
1224	A copula-based approach for the estimation of wave height records through spatial correlation. 2016 , 117, 1-18	24
1223	Geomorphological control on boulder transport and coastal erosion before, during and after an extreme extra-tropical cyclone. 2016 , 41, 685-700	30
1222	A Simplified Parametric Model for Fetch-Limited Peak Wave Frequency in Shallow Estuaries. 2016 , 320, 954-965	4
1221	Modeling the growth and migration of sandy shoals on ebb-tidal deltas. 2016 , 121, 1351-1372	21
1220	Numerical study on sediment concentration in Yellow river estuary. 2016 ,	
1219	Observations and modeling of a tidal inlet dye tracer plume. 2016 , 121, 7819-7844	22

1218	A consistent collinear triad approximation for operational wave models. 2016 , 104, 203-212	10
1217	A new level set numerical wave tank with improved density interpolation for complex wave hydrodynamics. 2016 , 140, 191-208	110
1216	Relevance of infragravity waves in a wave-dominated inlet. 2016 , 121, 5418-5435	15
1215	Directional characteristics of shallow water waves along southwestern Bay of Bengal. 2016 , 121, 546-558	5
1214	Wind and wave characteristics in the Black Sea based on the SWAN wave model forced with the CFSR winds. 2016 , 126, 276-298	56
1213	Brazilian Coastal Processes: Wind, Wave Climate and Sea Level. 2016 , 37-66	1
1212	Modeling wind waves from deep to shallow waters in Lake Michigan using unstructured SWAN. 2016 , 121, 3836-3865	22
1211	Modeling of Coastal Morphological Processes. 2016 , 611-634	1
1210	Coastal Sediment Transport Modeling for Engineering Applications. 2016 , 142, 03116001	20
1209	Remote sensing of nearshore wave interference. 2016 , 121, 3409-3421	3
1208	Development of a ship weather routing system. 2016 , 123, 1-14	78
1207	Beach nourishment alternative assessment to constrain cross-shore and longshore sediment transport. 2016 , 59, 459-471	3
1206	A fully-coupled atmosphere-ocean-wave model of the Caspian Sea. 2016 , 107, 97-111	22
1205	Analyses of extreme swell events on La R [^] union Island from microseismic noise. 2016 , 207, 1767-1782	11
1204	Performance of a Fuzzy ARTMAP Artificial Neural Network in Characterizing the Wave Regime at the Port of Sines (Portugal). 2016 , 322, 1362-1373	5
1203	Assessment of Storm Surge along the Coast of Central Vietnam. 2016 , 33, 518	12
1202	Mechanics and rates of tidal inlet migration: Modeling and application to natural examples. 2016 , 121, 2118-2139	23
1201	Climate change effects on the marine characteristics of the Aegean and Ionian Seas. 2016 , 66, 1603-1635	23

1200	Data assimilation with the ensemble Kalman filter in a high-resolution wave forecasting model for coastal areas. 2016 , 9, 103-114	9
1199	Sensitivity considerations and the impact of spatial scaling for storm surge modeling in wetlands of the Mid-Atlantic region. 2016 , 134, 226-238	14
1198	Wave energy resource assessment along the Southeast coast of Australia on the basis of a 31-year hindcast. 2016 , 184, 276-297	60
1197	Sensitivity of modeled estuarine circulation to spatial and temporal resolution of input meteorological forcing of a cold frontal passage. 2016 , 183, 28-40	7
1196	Uncertainty analysis of wind-wave predictions in Lake Michigan. 2016 , 30, 811-820	3
1195	ANALYZING THE EFFECTS OF INPUT PARAMETERS ON WAVE COMPUTATIONS BASED ON THE THIRD GENERATION MODEL SWAN. 2016 , 72, I_247-I_252	
1194	EFFECT OF SPECTRAL WIDTH ON WAVE HINDCASTING-BASED WAVE HEIGHTS AND PERIODS. 2016 , 72, I_253-I_258	
1193	ESTIMATION OF THE <i>Enhalus acoroides</i> DISTRIBUTION USING MONTHLY CONDITION OF EXTERNAL FORCES BY WAVE MODEL IN NORTHWEST COAST OF THE IRIOMOTE ISLAND. 2016 , 72, I_1429-I_1434	
1192	RELATION BETWEEN CORAL DISTRIBUTIONS AND PHYSICAL VARIABLES IN SAKIYAMA BAY, IRIOMOTE ISLAND, JAPAN. 2016 , 72, I_1435-I_1440	
1191	WAVE CHARACTERISTICS OF ‘YORI-MAWARI WAVE’ CAUSED BY TOPOGRAPHIC EFFECTS. 2016 , 72, I_289-I_294	2
1190	Source term balance in a severe storm in the Southern North Sea. 2016 , 66, 1681-1697	20
1189	Uncertainty in complex three-dimensional sediment transport models: equifinality in a model application of the Ems Estuary, the Netherlands. 2016 , 66, 1665-1679	12
1188	Modeling and Simulation of Storm Surge on Staten Island to Understand Inundation Mitigation Strategies. 2016 , 76, 149-161	10
1187	A comparative study of wave-current interactions over the eastern Canadian shelf under severe weather conditions using a coupled wave-circulation model. 2016 , 121, 5252-5281	23
1186	ASIRI: An Ocean-Atmosphere Initiative for Bay of Bengal. 2016 , 97, 1859-1884	55
1185	Nature-based flood protection: The efficiency of vegetated foreshores for reducing wave loads on coastal dikes. 2016 , 116, 42-56	103
1184	Future wave-driven coastal sediment transport along the Catalan coast (NW Mediterranean). 2016 , 16, 1739-1750	16
1183	Wind-wave prediction equations for probabilistic offshore hurricane hazard analysis. 2016 , 83, 541-562	9

1182	Construction of synthetic ocean wave series along the Colombian Caribbean Coast: A wave climate analysis. 2016 , 56, 119-131	22
1181	Shelf sediment transport during hurricanes Katrina and Rita. 2016 , 90, 24-39	44
1180	The influence of surface wave on water exchange in the Bohai Sea. 2016 , 118, 128-142	27
1179	The impact of surface currents and sea level on the wave field evolution during St. Jude storm in the eastern Baltic Sea. 2016 , 58, 176-186	20
1178	Thirty-four years of Hawaii wave hindcast from downscaling of climate forecast system reanalysis. 2016 , 100, 78-95	31
1177	Exploring the utility and effectiveness of the IEC (International Electrotechnical Commission) wave energy resource assessment and characterisation standard: A case study. 2016 , 107, 668-682	14
1176	Fuzzy time series forecasting of nonstationary wind and wave data. 2016 , 121, 1-12	26
1175	On the modeling of wave-enhanced turbulence nearshore. 2016 , 103, 118-132	11
1174	Wave spectral response to sudden changes in wind direction in finite-depth waters. 2016 , 103, 98-117	18
1173	Surface circulation in Block Island Sound and adjacent coastal and shelf regions: A FVCOM-CODAR comparison. 2016 , 143, 26-45	14
1172	Modeling nonstationary extreme wave heights in present and future climates of Greek Seas. 2016 , 9, 21-32	10
1171	Long-term variations of wind and wave conditions in the coastal regions of the Black Sea. 2016 , 84, 69-92	17
1170	In-situ erosion of cohesive sediment in a large shallow lake experiencing long-term decline in wind speed. 2016 , 539, 254-264	22
1169	A modified probabilistic oil spill model and its application to the Dalian New Port accident. 2016 , 121, 291-300	11
1168	Selecting optimum locations for co-located wave and wind energy farms. Part I: The Co-Location Feasibility index. 2016 , 122, 589-598	35
1167	Wave Energy Forecasting at Three Coastal Buoys in the Bay of Biscay. 2016 , 41, 923-929	8
1166	Air-sea CO ₂ fluxes measured by eddy covariance in a coastal station in Baja California, Mexico. 2016 , 35, 012012	2
1165	The use of wave propagation and reduced complexity inundation models and metamodels for coastal flood risk assessment. 2016 , 9, 390-401	12

1164	Study on Locally Varying Inundation Characteristics Induced by Super Typhoon Haiyan. Part 1: Dynamic Behavior of Storm Surge and Waves Around San Pedro Bay. 2016 , 58, 1640002-1-1640002-29	13
1163	Observations and model simulations of wave-current interaction on the inner shelf. 2016 , 121, 198-208	23
1162	Forcing and variability of nonstationary rip currents. 2016 , 121, 520-539	12
1161	Wave dynamics of a Pacific Atoll with high frictional effects. 2016 , 121, 350-367	32
1160	Data and numerical analysis of astronomic tides, wind-waves, and hurricane storm surge along the northern Gulf of Mexico. 2016 , 121, 3625-3658	45
1159	Coastal Flood Forecasting. 2016 , 233-248	0
1158	Experiments on exactly computing non-linear energy transfer rate in MASNUM-WAM. 2016 , 34, 821-834	1
1157	A wavelet approach for computing nonlinear wave-wave interactions in discrete spectral wave models. 2016 , 2, 129-138	2
1156	Modelled Impact of Vegetation Heterogeneity and Salt-Marsh Zonation on Wave Damping. 2016 , 32, 241	18
1155	Comparison of the Calculated and Measured Wave Heights in Inland Lakes. 2016 , 320, 814-828	
1154	Development of a coastal information system for the management of Jeddah coastal waters in Saudi Arabia. 2016 , 89, 71-78	7
1153	TRIADS: A phase-resolving model for nonlinear shoaling of directional wave spectra. 2016 , 99, 60-74	8
1152	Stereo wave imaging from moving vessels: Practical use and applications. 2016 , 109, 114-127	25
1151	Analysis of Sedimentation Problems at the Entrance to Mar del Plata Harbor. 2016 , 32, 301	5
1150	A hybrid approach to estimate the nearshore wave characteristics in the Persian Gulf. 2016 , 57, 1-7	5
1149	The influence of seasonal to interannual nearshore profile variability on extreme water levels: Modeling wave runup on dissipative beaches. 2016 , 115, 79-92	48
1148	Morphological response of a sandy barrier island with a buried seawall during Hurricane Sandy. 2016 , 110, 102-110	34
1147	Adaptive Haar wavelets for the angular discretisation of spectral wave models. 2016 , 305, 521-538	5

1146	Impacts of large-scale wave integration into a transmission-constrained grid. 2016 , 88, 408-417	13
1145	Impact assessment of coastal hazards due to future changes of tropical cyclones in the North Pacific Ocean. 2016 , 11, 53-69	65
1144	Study on the influence of the distance to shore for a wave energy farm operating in the central part of the Portuguese nearshore. 2016 , 114, 209-223	30
1143	The expected efficiency and coastal impact of a hybrid energy farm operating in the Portuguese nearshore. 2016 , 97, 411-423	34
1142	Estimation of mean and extreme waves in the East China Seas. 2016 , 56, 35-47	25
1141	Assessments of wave energy in the Bohai Sea, China. 2016 , 90, 145-156	39
1140	Sustainability of wave energy resources in southern Caspian Sea. 2016 , 97, 549-559	34
1139	The change characteristics of the calculated wind wave fields near lateral boundaries with SWAN model. 2016 , 35, 96-105	8
1138	Application of SWAN+ADCIRC to tide-surge and wave simulation in Gulf of Maine during Patriot's Day storm. 2016 , 9, 33-41	39
1137	Study on Locally Varying Inundation Characteristics Induced by Super Typhoon Haiyan. Part 2: Deformation of Storm Waves on the Beach with Fringing Reef Along the East Coast of Eastern Samar. 2016 , 58, 1640003-1-1640003-24	10
1136	Research on bilateral reverse migration of one-group seabed sand waves in a small shallow shelf sea. 2016 , 111, 70-82	5
1135	Optimization at different time scales for the design and management of an oscillating water column system. 2016 , 95, 110-123	16
1134	An integrated wave modelling framework for extreme and rare events for climate change in coastal areas – the case of Rethymno, Crete. 2016 , 58, 71-89	19
1133	Bottom sediment resuspension in the easternmost Gulf of Finland in the Baltic Sea: A case study based on three-dimensional modeling. 2016 , 117, 126-137	8
1132	Impact of Assimilating SARAL/AltiKa SWH in SWAN Model During Indian Ocean Tropical Cyclone Phailin. 2016 , 54, 1812-1817	2
1131	Numerical modeling of the effects of wave energy converter characteristics on nearshore wave conditions. 2016 , 89, 636-648	39
1130	The Evolution of Nonlinear Wave Statistics through a Variable Medium. 2016 , 46, 621-634	4
1129	Holistic performance analysis and turbine-induced damping for an OWC wave energy converter. 2016 , 85, 1155-1163	51

1128	An assessment of the wind re-analyses in the modelling of an extreme sea state in the Black Sea. 2016 , 73, 61-75	29
1127	The effect of wind variability and domain size in the Persian Gulf on predicting nearshore wave energy near Doha, Qatar. 2016 , 55, 18-36	11
1126	Assessment of the marine power potential in Colombia. 2016 , 53, 966-977	21
1125	Variability in suspended sediment concentration in the Minas Basin, Bay of Fundy, and implications for changes due to tidal power extraction. 2016 , 107, 102-115	18
1124	Wave power potential assessment of Aegean Sea with an integrated 15-year data. 2016 , 86, 1045-1059	34
1123	Off-shelf fluxes across the southern Adriatic margin: Factors controlling dense-water-driven transport phenomena. 2016 , 375, 44-63	28
1122	Dynamics of particles along the western margin of the Southern Adriatic: Processes involved in transferring particulate matter to the deep basin. 2016 , 375, 28-43	34
1121	Numerical Investigation of Wind Waves in the Persian Gulf: Bathymetry Effects. 2016 , 33, 17-31	6
1120	Numerical modeling of propagule dispersal for Sargassum bed restoration in Gamak Bay, Korea. 2016 , 28, 1859-1874	6
1119	Environmental controls on spatial patterns in the long-term persistence of giant kelp in central California. 2016 , 86, 45-60	13
1118	Swell-dominant surface waves observed by a moored buoy with a GPS wave sensor in Otsuchi Bay, a ria in Sanriku, Japan. 2017 , 73, 87-101	4
1117	Fully probabilistic assessment of safety against flooding along the Dutch coast. 2017 , 10, 349-360	2
1116	Comparing the Performance of Spectral Wave Models for Coastal Areas. 2017 , 332, 331-346	11
1115	Coastal and riverine ecosystems as adaptive flood defenses under a changing climate. 2017 , 22, 1087-1094	20
1114	From integration to fusion: the challenges ahead. 2017 , 408, 35-54	6
1113	A coupled wave-hydrodynamic model of an atoll with high friction: Mechanisms for flow, connectivity, and ecological implications. 2017 , 110, 66-82	30
1112	The collocation feasibility index – A method for selecting sites for co-located wave and wind farms. 2017 , 103, 811-824	17
1111	A wave model test bed study for wave energy resource characterization. 2017 , 114, 132-144	20

1110	The Weather Research and Forecasting Model: Overview, System Efforts, and Future Directions. 2017 , 98, 1717-1737	439
1109	Importance of Nearshore Waves on Mixed Sand and Gravel Coasts. 2017 , 23-37	
1108	Littoral Drift and Coastline Evolution on Mixed Sand and Gravel Coasts. 2017 , 39-62	
1107	Applicability of SAR-based wave retrieval for wind-wave interaction analysis in the fetch-limited Baltic. 2017 , 38, 906-922	2
1106	Investigating the effects of a summer storm on the North Sea stratification using a regional coupled ocean-atmosphere model. 2017 , 67, 211-235	6
1105	Inner-shelf ocean dynamics and seafloor morphologic changes during Hurricane Sandy. 2017 , 138, 1-18	26
1104	Storm Waves on the East Coast of Korea: 20 Years of Wave Hindcasting. 2017 , 335, 1182-1188	3
1103	Nearshore sediment transport: Coupling sand tracer dynamics with oceanographic forcing. 2017 , 385, 293-303	8
1102	Current-induced dissipation in spectral wave models. 2017 , 122, 2205-2225	13
1101	The effects of tropical cyclone characteristics on the surface wave fields in Australia's North West region. 2017 , 139, 35-53	21
1100	Numerical study on the dissipation of water waves over a viscous fluid-mud layer. 2017 , 158, 107-119	5
1099	Flow separation effects on shoreline sediment transport. 2017 , 125, 23-27	4
1098	Can beaches survive climate change?. 2017 , 122, 1060-1067	46
1097	A Coupled Circulation-Wave Model for Numerical Simulation of Storm Tides and Waves. 2017 , 34, 1449-1467	19
1096	Evaluation of surface wind fields for prediction of directional ocean wave spectra during Hurricane Sandy. 2017 , 125, 1-15	17
1095	Characterizing the Great Lakes hydrokinetic renewable energy resource: Lake Erie wave, surge and seiche characteristics. 2017 , 128, 661-675	10
1094	Wave Energy Resources Along the European Atlantic Coast. 2017 , 37-69	2
1093	An assessment on the impact of wind forcing on simulation and validation of wave spectra at coastal Puducherry, east coast of India. 2017 , 139, 14-32	22

1092	Comparison between nested grids and unstructured grids for a high-resolution wave forecasting system in the western Mediterranean sea. 2017 , 10, 45-58	5
1091	Evaluation of wave forecast in the north Indian Ocean during extreme conditions and winter monsoon. 2017 , 10, 79-92	9
1090	A 3D unstructured grid nearshore hydrodynamic model based on the vortex force formalism. 2017 , 116, 48-69	10
1089	Explaining island-wide geographical patterns of Caribbean fish diversity: A multi-scale seascape ecology approach. 2017 , 38, e12434	5
1088	Influence of the wave climate seasonality on the performance of a wave energy converter: A case study. 2017 , 135, 303-316	13
1087	Spatio-temporal variation in wave power and implications for electricity supply. 2017 , 114, 154-165	18
1086	On the dynamics of the Mouth of the Columbia River: Results from a three-dimensional fully coupled wave-current interaction model. 2017 , 122, 5218-5236	22
1085	A kinetic model to explain the grain size and organic matter content dependence of magnetic susceptibility in transitional marine environments: A case study in Ria de Muros (NW Iberia). 2017 , 18, 2200-2215	3
1084	A numerical simulation of wave and sediment transport in the Balikpapan Bay, East Kalimantan, Indonesia. 2017 ,	1
1083	Mechanisms controlling the complete accretionary beach state sequence. 2017 , 44, 5645-5654	12
1082	Effects of discharge, wind, and tide on sedimentation in a recently restored tidal freshwater wetland. 2017 , 31, 2827-2841	9
1081	Evolution of wave and tide over vegetation region in nearshore waters. 2017 , 67, 973-988	3
1080	Wave-frequency flows within a near-bed vegetation canopy. 2017 , 147, 91-101	19
1079	Inter-seasonal variability of wind-waves and their attenuation characteristics by mangroves in a reversing wind system. 2017 , 37, 5089-5106	12
1078	Numerical Modeling of Coastal Storms for Ice-Free and Ice-Covered Lake Erie. 2017 , 336, 1383-1396	4
1077	Numerical modeling of space-time wave extremes using WAVEWATCH III. 2017 , 67, 535-549	16
1076	Observations and Modeling of Typhoon Waves in the South China Sea. 2017 , 47, 1307-1324	28
1075	Physical linkages between an offshore canyon and surf zone morphologic change. 2017 , 122, 3451-3460	2

1074	Rip currents and alongshore flows in single channels dredged in the surf zone. 2017 , 122, 3799-3816	16
1073	Sedimentary constraints on the development of a narrow deep strait (S ^ˆ e Sebastião Channel, SE Brazil). 2017 , 37, 475-488	10
1072	Wave energy assessment in the central-south coast of Chile. 2017 , 114, 120-131	16
1071	Characteristics of the velocity profile at tidal-stream energy sites. 2017 , 114, 258-272	65
1070	Surface wave breaking over sheared currents: Observations from the Mouth of the Columbia River. 2017 , 122, 3311-3328	22
1069	A study of Lake Erie seiche and low frequency water level fluctuations in the presence of surface ice. 2017 , 135, 117-136	4
1068	Modeling hydrodynamics of large lagoons: Insights from the Albemarle-Pamlico Estuarine System. 2017 , 189, 90-103	9
1067	Developing an optimum hotspot identifier for wave energy extracting in the northern Persian Gulf. 2017 , 114, 59-71	36
1066	A model integrating longshore and cross-shore processes for predicting long-term shoreline response to climate change. 2017 , 122, 782-806	122
1065	The use of wave forecasts for maritime activities safety assessment. 2017 , 62, 18-26	18
1064	Potential impacts of the Sunderban mangrove degradation on future coastal flooding in Bangladesh. 2017 , 17, 30-46	18
1063	The Effect of Stokes Drift and Transient Rip Currents on the Inner Shelf. Part I: No Stratification. 2017 , 47, 227-241	24
1062	Modelling effects of tidal currents on waves at a tidal stream energy site. 2017 , 114, 180-190	13
1061	The use of a wave boundary layer model in SWAN. 2017 , 122, 42-62	12
1060	Regional modeling of the water masses and circulation annual variability at the Southern Brazilian Continental Shelf. 2017 , 122, 1232-1253	14
1059	Decadal changes in North Atlantic atmospheric circulation patterns recorded by sand spits since 1800 CE. 2017 , 281, 1-12	19
1058	Evaluation of two spectral wave models for wave hindcasting in the Mackenzie Delta. 2017 , 62, 169-180	11
1057	Long-term analysis of wave power potential in the Black Sea, based on 31-year SWAN simulations. 2017 , 130, 482-497	31

1056	Development of a coupled wave-flow-vegetation interaction model. 2017 , 100, 76-86	49
1055	Observations and 3D hydrodynamics-based modeling of decadal-scale shoreline change along the Outer Banks, North Carolina. 2017 , 120, 78-92	5
1054	Dynamics of waveâcurrentâsurge interactions in Lake Michigan: A model comparison. 2017 , 110, 1-20	33
1053	Modeling large-scale shoreline change caused by complex bathymetry in low-angle wave climates. 2017 , 383, 55-64	15
1052	Accessibility assessment for operation and maintenance of offshore wind farms in the North Sea. 2017 , 20, 637-656	10
1051	Storm-induced marine flooding: Lessons from a multidisciplinary approach. 2017 , 165, 151-184	85
1050	Longshore wave energy flux: Variability and trends in the southern coast of Buenos Aires, Argentina. 2017 , 16, 116-123	6
1049	Giant boulders and Last Interglacial storm intensity in the North Atlantic. 2017 , 114, 12144-12149	36
1048	On the impact of wind on the development of wave field during storm Britta. 2017 , 67, 1407-1427	10
1047	Nearshore Wave Power Increase on Reef-Shaped Coasts Due to Sea-Level Rise. 2017 , 5, 1054-1065	13
1046	Green measures for Mediterranean harbours under a changing climate. 2017 , 170, 55-66	3
1045	Wave resource variability: Impacts on wave power supply over regional to international scales. 2017 , 125, 240-249	3
1044	Lagoon water-level oscillations driven by rainfall and wave climate. 2017 , 130, 34-45	5
1043	Modeling of suspended sediment concentrations under combined wave-current flow over rippled bed. 2017 , 199, 59-73	4
1042	Improving the Representation of the Fragility of Coastal Structures. 2017 ,	
1041	Forecasting hurricane wave height in Gulf of Mexico using soft computing methods. 2017 , 146, 352-362	17
1040	Waves transformations on the continental shelf and wave induced currents. 2017 , 99-133	
1039	Assessing the performance of formulations for nonlinear feedback of surface gravity waves on ocean currents over coastal waters. 2017 , 146, 102-117	5

1038	Shore and bar cross-shore migration, rotation, and breathing processes at an embayed beach. 2017 , 122, 1745-1770	20
1037	Variability of Changjiang Diluted Water revealed by a 45-year long-term ocean hindcast and Self-Organizing Maps analysis. 2017 , 146, 37-46	11
1036	Forecasting Storm Surge and Inundation: Model Validation. 2017 , 32, 2045-2063	8
1035	Measurement and Analysis of Waves in Estuarine and Coastal Waters. 115-152	
1034	A 4D variational assimilation scheme with partition method for nearshore wave models. 2017 , 67, 989-1002	2
1033	An integrated approach for the installation of a wave farm. 2017 , 138, 910-919	7
1032	Development of a statistical oil spill model for risk assessment. 2017 , 230, 945-953	27
1031	Estimation of Climate Change Impact on Storm Surges: Application to Korean Peninsula. 2017 , 59, 1740004-1-1740004	3
1030	Modelling the impact of climate change on harbour operability: The Barcelona port case study. 2017 , 141, 64-78	26
1029	Downscaling wind and wavefields for 21st century coastal flood hazard projections in a region of complex terrain. 2017 , 4, 314-334	11
1028	Coastal Processes Assessment Under Extreme Storm Events Using Numerical Modelling Approaches. 2017 , 4, 731-747	1
1027	Wave Height Prediction Using Artificial Immune Recognition Systems (AIRS) and Some Other Data Mining Techniques. 2017 , 41, 329-344	3
1026	Coastal Wave Height Prediction using Recurrent Neural Networks (RNNs) in the South Caspian Sea. 2017 , 40, 454-465	19
1025	Wave energy dissipation due to mudbanks formed off southwest coast of India. 2017 , 196, 387-398	9
1024	Assessment of hydrodynamic competence in extreme marine events through application of Boussinesq-Green-Naghdi models. 2017 , 67, 136-147	7
1023	A variable resolution right TIN approach for gridded oceanographic data. 2017 , 109, 59-66	4
1022	Seasonal morphodynamics of the subaerial and subtidal sections of an intermediate and mesotidal beach. 2017 , 295, 383-392	10
1021	Spectral wave dissipation by submerged aquatic vegetation in a back-barrier estuary. 2017 , 62, 736-753	18

1020	Numerical modeling of hydrodynamics and sediment transportân integrated approach. 2017 , 67, 1283-1292	3
1019	Numerical Simulation of Wave Characteristics off Kulasekharapatnam, Southeast Coast of India. 2017 , 174, 3979-4001	5
1018	Parameterization of synoptic weather systems in the South Atlantic Bight for modeling applications. 2017 , 67, 1231-1249	5
1017	Simulating storm surge waves for structural vulnerability estimation and flood hazard mapping. 2017 , 89, 939-962	21
1016	Projected atoll shoreline and run-up changes in response to sea-level rise and varying large wave conditions at Wake and Midway Atolls, Northwestern Hawaiian Islands. 2017 , 295, 537-550	17
1015	Projected changes of the southwest Australian wave climate under two atmospheric greenhouse gas concentration pathways. 2017 , 117, 70-87	18
1014	Numerical simulations of ocean surface waves under hurricane conditions: Assessment of existing model performance. 2017 , 118, 73-93	65
1013	Patterns and drivers of daily bed-level dynamics on two tidal flats with contrasting wave exposure. 2017 , 7, 7088	14
1012	Controls of Multimodal Wave Conditions in a Complex Coastal Setting. 2017 , 44, 12,315	9
1011	Revisiting the seasonal wave height variability in the South China Sea with merged satellite altimetry observations. 2017 , 36, 38-50	8
1010	Operational wave now- and forecast in the German Bight as a basis for the assessment of wave-induced hydrodynamic loads on coastal dikes. 2017 , 16, 991-997	
1009	Assessing the performance of wave breaking parameterizations in shallow waters in spectral wave models. 2017 , 120, 41-59	16
1008	Storm waves during Typhoon Cobra (Halseyâ typhoon) in December 1944. 2017 , 25, 44-51	
1007	Impact of the interaction of surge, wave and tide on a storm surge on the north coast of Vietnam. 2017 , 25, 82-91	4
1006	Barrier Island Morphological Change by Bay-Side Storm Surge. 2017 , 143, 04017025	9
1005	Improving construction management of port infrastructures using an advanced computer-based system. 2017 , 81, 122-133	2
1004	On the relation between the direction of the wave energy flux and the orientation of equilibrium beaches. 2017 , 127, 20-36	9
1003	The 14th international workshop on wave hindcasting and forecasting and the 5th coastal hazards symposium. 2017 , 67, 551-556	1

1002	Efficient dredging strategy in a tidal inlet based on an energetic approach. 2017 , 146, 157-169	9
1001	Uncertainty quantification and sensitivity analysis applied to the wind wave model SWAN. 2017 , 95, 344-357	6
1000	Bulk versus Spectral Wave Parameters: Implications on Stokes Drift Estimates, Regional Wave Modeling, and HF Radars Applications. 2017 , 47, 1413-1431	19
999	A Modeling Approach to Assess the Key Factors in the Evolution of Coastal Systems: the Ebro North Hemidelta Case. 2017 , 40, 758-772	3
998	Multivariate extreme value modelling of sea conditions around the coast of England. 2017 , 170, 3-20	14
997	Temporal and Spatial Dynamics of Estuarine Shoreline Change in the Albemarle-Pamlico Estuarine System, North Carolina, USA. 2017 , 40, 741-757	18
996	Fidelity of the integrated kinetic energy factor as an indicator of storm surge impacts. 2017 , 85, 575-595	5
995	Sensitivity of a numerical wave model on wind re-analysis datasets. 2017 , 77, 1-16	19
994	The initial morphological response of the Sand Engine: A process-based modelling study. 2017 , 119, 1-14	53
993	Evaluation of the wave energy resources in the Cape Verde Islands. 2017 , 101, 316-326	39
992	Impact of climate change on wave energy resource: The case of Menorca (Spain). 2017 , 101, 275-285	27
991	An oil risk management system based on high-resolution hazard and vulnerability calculations. 2017 , 136, 1-18	28
990	Assessing Storm Impact on a French Coastal Dune System Using Morphodynamic Modeling. 2017 , 332, 254-272	7
989	Regional ocean wave height prediction using sequential learning neural networks. 2017 , 129, 605-612	55
988	Parameterization of Maximum Significant Wave Heights in Coastal Regions due to Hurricanes. 2017 , 143, 04016016	0
987	Spatiotemporal variability of sedimentology and morphology in the East Frisian barrier island system. 2017 , 37, 137-149	6
986	Modelling of sediment transport pattern in the mouth of the Rhone delta: Role of storm and flood events. 2017 , 198, 568-582	28
985	Wind and wave energy potential in southern Caspian Sea using uncertainty analysis. 2017 , 120, 332-345	38

984	Changes in tropical cyclone intensity with translation speed and mixed-layer depth: idealized WRF-ROMS coupled model simulations. 2017 , 143, 152-163	18
983	Laboratory study on the evolution of waves parameters due to wave breaking in deep water. 2017 , 68, 31-42	12
982	Coupling of Wave Data and Underwater Acoustic Measurements in a Maritime High-Traffic Coastal Area: A Case Study in the Strait of Sicily. 2017 , 34, 2589-2599	3
981	Surface Wave Dynamics in Delaware Bay and Its Adjacent Coastal Shelf. 2017 , 122, 8683-8706	17
980	Physical response of a back-barrier estuary to a post-tropical cyclone. 2017 , 122, 5888-5904	22
979	Parallel processing for simulating surface gravity waves by non-hydrostatic model using arakawa grid. 2017 ,	2
978	Measurements of Sea Clutter at Low Grazing Angle in Mediterranean Coastal Environment. 2017 , 55, 6379-6389	9
977	Sensitivity of storm wave modeling to wind stress evaluation methods. 2017 , 9, 893-907	15
976	A new offshore transport mechanism for shoreline-released tracer induced by transient rip currents and stratification. 2017 , 44, 2843-2851	15
975	Extreme bottom velocities induced by wind wave and currents in the Gulf of Gdańsk. 2017 , 67, 1461-1480	6
974	Zooming in and out: Scale dependence of extrinsic and intrinsic factors affecting salt marsh erosion. 2017 , 122, 1455-1470	32
973	Balancing Shore Protection and Public Access Concerns: Engineering a Solution for an AMTRAK Track Realignment. 2017 ,	
972	SURFEX v8.0 interface with OASIS3-MCT to couple atmosphere with hydrology, ocean, waves and sea-ice models, from coastal to global scales. 2017 , 10, 4207-4227	40
971	Numerical Investigation of Developed and Undeveloped Barrier Island Response to Hurricane Sandy. 2017 ,	
970	Development and Validation of an Operational Forecasting System for Waves and Coastal Flooding and Drying in Cook Inlet, Alaska. 2017 ,	
969	Spectral Wave Modeling. 2017 , 1-12	
968	Bibliography. 2017 , 153-170	
967	Wind, Wave and Current Modeling and Prediction. 2017 , 1-11	

966	WaveâCurrent Interaction. 2017 , 1-18	
965	WaveâCurrent interaction during Hudhud cyclone in the Bay of Bengal. 2017 , 17, 2059-2074	19
964	Predicting Dynamic Coastal Delta Change in Response to Sea-Level Rise. 2017 , 5, 24	13
963	Comparative Analysis of Coastal Flooding Vulnerability and Hazard Assessment at National Scale. 2017 , 5, 51	30
962	Spatiotemporal Variation of Turbidity Based on Landsat 8 OLI in Cam Ranh Bay and Thuy Trieu Lagoon, Vietnam. 2017 , 9, 570	36
961	Sustainability of the Renewable Energy Extraction Close to the Mediterranean Islands. 2017 , 10, 283	23
960	An Improved Method for Energy and Resource Assessment of Waves in Finite Water Depths. 2017 , 10, 1188	4
959	Modelling of sediment transport and morphological evolution under the combined action of waves and currents. 2017 , 13, 673-690	10
958	Modeling Fine-Scale Coral Larval Dispersal and Interisland Connectivity to Help Designate Mutually-Supporting Coral Reef Marine Protected Areas: Insights from Maui Nui, Hawaii. 2017 , 4,	11
957	Increased sediment loads cause non-linear decreases in seagrass suitable habitat extent. 2017 , 12, e0187284	15
956	Paleo-tsunami history along the northern Japan Trench: evidence from Noda Village, northern Sanriku coast, Japan. 2017 , 4,	21
955	Dynamics of the Sediment Plume Over the Yangtze Bank in the Yellow and East China Seas. 2017 , 122, 10073-10090	27
954	Sensitivity analysis of a coupled hydrodynamic-vegetation model using the effectively subsampled quadratures method (ESQM v5.2). 2017 , 10, 4511-4523	11
953	Different approaches to model the nearshore circulation in the south shore of O'ahu, Hawaii. 2017 , 13, 31-46	1
952	Assessment of extreme hydrological conditions in the Bothnian Bay, Baltic Sea, and the impact of the nuclear power plant âÅanhikivi-1â on the local thermal regime. 2017 , 8, 265-282	10
951	Wind-Wave Characterization in a Wind-Jet Region: The Ebro Delta Case. 2017 , 5, 12	4
950	Wave energy forecasting. 2017 , 199-217	1
949	Sensitivity of a Mediterranean Tropical-Like Cyclone to Different Model Configurations and Coupling Strategies. 2017 , 8, 92	48

948	Changes in beach shoreline due to sea level rise and waves under climate change scenarios: application to the Balearic Islands (western Mediterranean). 2017 , 17, 1075-1089	41
947	Wave run-up on embayed beaches. Study case: Itapocorô Bay, Southern Brazil. 2017 , 65, 187-200	6
946	Assessing storm surge hazard and impact of sea level rise in the Lesser Antilles case study of Martinique. 2017 , 17, 1559-1571	15
945	Uncertainties in shoreline position analysis: the role of run-up and tide in a gentle slope beach. 2017 , 13, 661-671	11
944	Numerical modeling of wind waves in the Black Sea generated by atmospheric cyclones. 2017 , 899, 052005	1
943	Predictive habitat modeling in two Mediterranean canyons including hydrodynamic variables. 2018 , 169, 151-168	30
942	Nearshore cool-water carbonate sedimentation and provenance of Holocene calcareous strandline dunes, southeastern Australia. 2018 , 65, 221-242	8
941	Multi-scale variability of storm Ophelia 2017: The importance of synchronised environmental variables in coastal impact. 2018 , 630, 287-301	28
940	Feasibility of WEC installations for domestic and public electrical supplies: A case study off the Calabrian coast. 2018 , 121, 261-285	16
939	Numerical Modeling of Historical Storm Tides and Waves and Their Interactions Along the U.S. East and Gulf Coasts. 2018 , 123, 3844-3874	53
938	Characteristics of Wave Breaking and Blocking by Spatially Varying Opposing Currents. 2018 , 123, 3761-3785	6
937	Wave energy assesement for Northern Spain from a 33-year hindcast. 2018 , 127, 322-333	28
936	Interaction of Mangroves, Coastal Hydrodynamics, and Morphodynamics Along the Coastal Fringes of the Guianas. 2018 , 429-473	10
935	Estimation of directional spectra from wave buoys for model validation. 2018 , 26, 81-91	6
934	Numerical study of sediment dynamics during hurricane Gustav. 2018 , 126, 29-42	14
933	Effects of Wave-Current Interaction on Salt Intrusion During a Typhoon Event in a Highly Stratified Estuary. 2018 , 41, 1904-1923	18
932	Dynamic equilibrium behaviour observed on two contrasting tidal flats from daily monitoring of bed-level changes. 2018 , 311, 114-126	20
931	Study of the Western Black Sea Storms with a Focus on the Storms Caused by Cyclones of North African Origin. 2018 , 175, 3779-3799	8

930	Response of a fringing reef coastline to the direct impact of a tropical cyclone. 2018 , 3, 31-38	24
929	An improved cyclonic wind distribution for computation of storm surges. 2018 , 92, 93-112	9
928	Sedimentary dynamics and benthic macrofauna distribution: Insights from the shoreface in southern Portugal. 2018 , 137, 9-25	7
927	Assessment of ocean wave energy resource potential in Thailand. 2018 , 160, 64-74	14
926	Wave energy resource assessment around Kyushu based on numerical hindcast. 2018 , 10, 024501	2
925	Modeling hurricane-induced wetland-bay and bay-shelf sediment fluxes. 2018 , 135, 77-90	19
924	Bayesian Networks in coastal engineering: Distinguishing descriptive and predictive applications. 2018 , 135, 16-30	29
923	Sensitivity of rip current forecasts to errors in remotely-sensed bathymetry. 2018 , 135, 66-76	11
922	Study of storm surge trends in typhoon-prone coastal areas based on observations and surge-wave coupled simulations. 2018 , 68, 272-278	23
921	Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea. 2018 , 152, 57-71	29
920	Estimation of the significant wave height in the nearshore using prediction equations based on the Response Surface Method. 2018 , 153, 143-153	10
919	Probabilistic mapping of storm-induced coastal inundation for climate change adaptation. 2018 , 133, 126-141	24
918	Observation and modeling of the evolution of an ephemeral storm-induced inlet: Pea Island Breach, North Carolina, USA. 2018 , 156, 55-69	11
917	Wind energy research: State-of-the-art and future research directions. 2018 , 125, 133-154	99
916	On the Winter Wave Climate of the Western Black Sea: The Changes During the Last 115 Years. 2018 , 466-473	2
915	Downscaling Changing Coastlines in a Changing Climate: The Hybrid Approach. 2018 , 123, 229-251	17
914	Analysis of Hydrosedimentary Indicators for the Study of Coastal Erosion: Case of Bejaia Coast (Algeria). 2018 , 1913-1915	
913	Performance of the WRF Model for Surface Wind Prediction around Qatar. 2018 , 35, 575-592	7

912	An operational wave forecasting system for the east coast of India. 2018 , 202, 114-124	9
911	Assessing the impact of extreme storms on barrier beaches along the Atlantic coastline: Application to the southern Rhode Island coast. 2018 , 133, 26-42	18
910	Impact of human interventions on tidal stream power: The case of C [^] d'iz Bay. 2018 , 145, 88-104	8
909	On the influence of wave directional spreading on the equilibrium planform of embayed beaches. 2018 , 133, 59-75	5
908	Sea state in the Baltic Sea from space-borne high-resolution synthetic aperture radar imagery. 2018 , 39, 1256-1284	7
907	Predictable zone for phase-resolved reconstruction and forecast of irregular waves. 2018 , 77, 195-213	25
906	A quantitative assessment of human interventions and climate change on the West African sediment budget. 2018 , 156, 249-265	43
905	Evaluation of weather forecast systems for storm surge modeling in the Chesapeake Bay. 2018 , 68, 91-107	16
904	Framing Continental Shelf Waves in the southern Adriatic Sea, a further flushing factor beyond dense water cascading. 2018 , 8, 660	11
903	Impact of wave whitecapping on land falling tropical cyclones. 2018 , 8, 652	7
902	Blended wind fields for wave modeling of tropical cyclones in the South China Sea and East China Sea. 2018 , 71, 20-33	54
901	On the accuracy of automated shoreline detection derived from satellite imagery: A case study of the sand motor mega-scale nourishment. 2018 , 133, 113-125	64
900	Coastal risk forecast system. 2018 , 20, 159-184	4
899	Ciguatera prevalence in 4 commercial fish species along an oceanic exposure gradient in the US Virgin Islands. 2018 , 37, 1852-1863	17
898	A comprehensive evaluation of factors affecting the levelized cost of wave energy conversion projects. 2018 , 127, 344-354	33
897	A methodology for the long-term simulation and uncertainty analysis of the operational lifetime performance of wave energy converter arrays. 2018 , 153, 126-135	24
896	Rapid wave modeling of severe historical extratropical cyclones off the Northeastern United States. 2018 , 159, 315-332	6
895	North Sea Wave Analysis Using Data Assimilation and Mesoscale Model Forcing Winds. 2018 , 144, 04018005	3

894	A numerical model investigation of the impacts of Hurricane Sandy on water level variability in Great South Bay, New York. 2018 , 161, 1-11	10
893	Influence of Shoreline Stabilization Structures on the Nearshore Sedimentary Environment in Mesohaline Chesapeake Bay. 2018 , 41, 952-965	7
892	Effects of Wave-Current Interactions on Suspended-Sediment Dynamics during Strong Wave Events in Jiaozhou Bay, Qingdao, China. 2018 , 48, 1053-1078	10
891	Numerical estimation of extreme waves and surges over the northwest Pacific Ocean. 2018 , 153, 225-241	23
890	The Marine Resource. 2018 , 15-51	
889	Numerical Modelling. 2018 , 289-363	1
888	Inter-comparisons of SWAN hindcasts using boundary conditions from WAM and WWIII for northwest and northeast coasts of India. 2018 , 156, 523-549	7
887	Analysis of ocean wave characteristic in Western Indonesian Seas using wave spectrum model. 2018 , 147, 05001	3
886	Dynamic equilibrium planform of embayed beaches: Part 2. Design procedure and engineering applications. 2018 , 135, 123-137	5
885	Semi-activated oscillating hydrofoil as a nearshore biomimetic 'energy' system in waves and currents. 2018 , 154, 396-415	27
884	A Meta-Modelling Approach for Estimating Long-Term Wave Run-Up and Total Water Level on Beaches. 2018 , 342, 475-489	2
883	Massive shelf dense water flow influences plankton community structure and particle transport over long distance. 2018 , 8, 4554	7
882	A joint evaluation of wave and wind energy resources in the Black Sea based on 20-year hindcast information. 2018 , 36, 335-351	37
881	Wave-current interaction during Typhoon Nuri (2008) and Hagupit (2008): an application of the coupled ocean-wave modeling system in the northern South China Sea. 2018 , 36, 663-675	6
880	Simulation of cyclone-induced storm surges in the low-lying delta of Bangladesh using coupled hydrodynamic and wave model (SWAN + ADCIRC). 2018 , 11,	12
879	Scattered shipwreck site prospection: the combined use of numerical modeling and documentary research (Fougueux, 1805). 2018 , 10, 141-156	3
878	The response of the southwest Western Australian wave climate to Indian Ocean climate variability. 2018 , 50, 1533-1557	14
877	Prospects and applicability of wave energy for South Africa. 2018 , 37, 230-248	8

876	Role of continental shelf on non-linear interaction of storm surges, tides and wind waves: An idealized study representing the west coast of India. 2018 , 207, 457-470	20
875	ASSESSING CLIMATE CHANGE IMPACTS ON THE STABILITY OF SMALL TIDAL INLETS: Part 2- DATA RICH ENVIRONMENTS. 2018 , 395, 65-81	19
874	A model to map levelised cost of energy for wave energy projects. 2018 , 149, 438-451	8
873	Towards an optimum design of wave energy converter arrays through an integrated approach of life cycle performance and operational capacity. 2018 , 209, 20-32	38
872	Hindcast of breaking waves and its impact at an island sheltered coast, Karwar. 2018 , 68, 1-16	4
871	Reef-scale modeling of coral calcification responses to ocean acidification and sea-level rise. 2018 , 37, 37-53	8
870	Three-dimensional hydrodynamic and sediment transport modeling to test the sediment focusing hypothesis in upland lakes. 2018 , 63, S156-S176	14
869	Numerical simulation of wave conditions in nearshore island area for sea-crossing bridge using spectral wave model. 2018 , 21, 756-768	11
868	Sensitivity of Storm Surge Predictions to Atmospheric Forcing during Hurricane Isaac. 2018 , 144, 04017035	30
867	Stem breakage of salt marsh vegetation under wave forcing: A field and model study. 2018 , 200, 41-58	39
866	Decision support framework for the prioritization of coral reefs in the U.S. Virgin Islands. 2018 , 47, 26-34	2
865	Wave transformation across a macrotidal shore platform under low to moderate energy conditions. 2018 , 43, 298-311	12
864	Ocean wave height prediction using ensemble of Extreme Learning Machine. 2018 , 277, 12-20	36
863	Artificial Neural Network for Forecasting Wave Heights along a Ship Route during Hurricanes. 2018 , 144, 04017042	13
862	Numerical modelling of temporal and spatial patterns of petroleum hydrocarbons concentration in the Bohai Sea. 2018 , 127, 251-263	6
861	Numerical modeling of salt marsh morphological change induced by Hurricane Sandy. 2018 , 132, 63-81	26
860	Sand nourishment strategies to mitigate coastal erosion and sea level rise at the coasts of Holland (The Netherlands) and Aveiro (Portugal) in the 21st century. 2018 , 156, 266-276	39
859	Modelling of bed sediment composition changes at the lower shoreface of the Sand Motor. 2018 , 132, 33-49	14

858	Impacts of Ocean Cooling and Reduced Wind Drag on Hurricane Katrina (2005) Based on Numerical Simulations. 2018 , 146, 287-306	24
857	Modeling North Atlantic Nor'easters With Modern Wave Forecast Models. 2018 , 123, 533-557	8
856	Drivers of alongshore variable dune erosion during a storm event: Observations and modelling. 2018 , 131, 31-41	47
855	Comparison of a mid-shelf wave hindcast to ADCP-measured directional spectra and their transformation to shallow water. 2018 , 131, 12-30	3
854	An integrated tool for modelling oscillating water column (OWC) wave energy converters (WEC) in vertical breakwaters. 2018 , 19, 198-213	14
853	An empirical formula for maximum wave setup based on a coupled wave-current model. 2018 , 147, 215-226	15
852	Development of a storm surge driven water quality model to simulate spills during hurricanes. 2018 , 129, 714-728	7
851	Performance assessment of the CECO wave energy converter: Water depth influence. 2018 , 117, 341-356	14
850	A method for simulating sediment incipient motion varying with time and space in an ocean model (FVCOM): development and validation. 2018 , 36, 1216-1235	
849	Modeling the sediment dynamics in the gulf of Urab [^] Colombian Caribbean sea. 2018 , 147, 476-487	9
848	Cascade impact of hurricane movement, storm tidal surge, sea level rise and precipitation variability on flood assessment in a coastal urban watershed. 2018 , 51, 383-409	13
847	Assessment of wave climate and energy resources in the Baltic Sea nearshore (Lithuanian territorial water). 2018 , 60, 207-218	15
846	Hydrosedimentological Modelling of a Small, Trained Tidal Inlet System, Currumbin Creek, Southeast Queensland, Australia. 2018 , 342, 341-359	3
845	Influences of Wave Climate and Sea Level on Shoreline Erosion Rates in the Maryland Chesapeake Bay. 2018 , 41, 19-37	12
844	Assessment of the potential for dredged material dispersal from dumping sites in the Gulf of Gdańsk. 2018 , 18, 3437-3447	4
843	Risk assessment of coastal flood in a site of special scientific interest. 2018 , 22, 1157-1166	1
842	Wave and Tidal Controls on Embayment Circulation and Headland Bypassing for an Exposed, Macrotidal Site. 2018 , 6, 94	23
841	Implementation and validation of a new operational wave forecasting system of the Mediterranean Monitoring and Forecasting Centre in the framework of the Copernicus Marine Environment Monitoring Service. 2018 , 18, 2675-2695	21

840	Assessment of wave energy potential along the south coast of Java Island. 2018 , 133, 012019	2
839	The Effect of a Wave Energy Farm Protecting an Aquaculture Installation. 2018 , 11, 2109	5
838	Real-Time Chronological Hazard Impact Modeling. 2018 , 6, 134	6
837	Wave Climate at Shallow Waters along the Abu Dhabi Coast. 2018 , 10, 985	5
836	Development of the Long-Term Morphodynamic Model to Determine the Seawater Intake Location. 2018 , 203, 01004	
835	Morphodynamic Feedback Loops Control Stable Fringing Flats. 2018 , 123, 2993-3012	7
834	The Importance of Combined Tidal and Meteorological Forces for the Flow and Sediment Transport on Intertidal Shoals. 2018 , 123, 2464-2480	7
833	Momentum exchanges in coupled ocean-wave modeling system. 2018 ,	
832	On the Wave Bottom Shear Stress in Shallow Depths: The Role of Wave Period and Bed Roughness. 2018 , 10, 1348	16
831	Korean East Coast wave predictions by means of ensemble Kalman filter data assimilation. 2018 , 68, 1571-1592	5
830	Vulnerability Analysis of the Venetian Littoral and Adopted Mitigation Strategy. 2018 , 10, 984	15
829	New approaches and mathematical models for environmental risk management in seaports. 2018 , 51, 366-371	2
828	What a Sudden Downpour Reveals About Wind Wave Generation. 2018 , 26, 70-80	5
827	Coastal flood risk: improving operational response, a case study on the municipality of Leucate, Languedoc, France. 2018 , 5,	2
826	Construction Aspects of the Civil Works for the Storm Surge Barrier at Chioggia Inlet àVenice. 2018 ,	
825	A Comparative Analysis of the Wind and Wave Climate in the Black Sea Along the Shipping Routes. 2018 , 10, 924	19
824	Uncertainty and sensitivity of wave-induced sea surface roughness parameterisations for a coupled numerical weather prediction model. 2018 , 70, 1-18	4
823	Seeking the Shore: Evidence for Active Submarine Canyon Head Incision Due to Coarse Sediment Supply and Focusing of Wave Energy. 2018 , 45, 12,403-12,413	9

822	Roles of Wind-Driven Currents and Surface Waves in Sediment Resuspension and Transport During a Tropical Storm. 2018 , 123, 8638-8654	16
821	Combined Effects of Unsteady River Discharges and Wave Conditions on River Mouth Bar Morphodynamics. 2018 , 45, 12,903	11
820	Spatial Environmental Assessment Tool (SEAT): A Modeling Tool to Evaluate Potential Environmental Risks Associated with Wave Energy Converter Deployments. 2018 , 11, 2036	6
819	Analysis of shoreline change in Cua Dai beach by using Empirical Orthogonal Function. 2018 , 60, 548-565	3
818	Storm Surge and Wave Impact of Low-Probability Hurricanes on the Lower Delaware Bayâ€”Calibration and Application. 2018 , 6, 54	7
817	The contribution of wind wave changes on diminishing ice period in Lake Pyh^ j^ ovi during the last half-century. 2018 , 25, 24895-24906	2
816	Correcting Predictions from Oceanic Maritime Numerical Models via Residual Learning. 2018 ,	1
815	Wave Generation, Dissipation, and Disequilibrium in an Embayment With Complex Bathymetry. 2018 , 123, 7856-7876	8
814	Multiple-Scale Variations of Wind-Generated Waves in the Southern California Bight. 2018 , 123, 9340-9356	7
813	Coastal Flood Modeling Challenges in Defended Urban Backshores. 2018 , 8, 450	25
812	Numerical Modeling of the Wave Energy Propagation in the Iberian Nearshore. 2018 , 11, 980	8
811	Dynamical Response of Changjiang River Plume to a Severe Typhoon With the Surface Wave-Induced Mixing. 2018 , 123, 9369-9388	13
810	Valuing the protection services of mangroves at national scale: The Philippines. 2018 , 34, 24-36	30
809	Cohesive and mixed sediment in the Regional Ocean Modeling System (ROMS v3.6) implemented in the Coupled Oceanâ€”Atmosphereâ€”Waveâ€”Sediment Transport Modeling System (COAWST r1234). 2018 , 11, 1849-1871	26
808	A 33-year hindcast on wave energy assessment in the western French coast. 2018 , 165, 790-801	27
807	Estimating extreme sea levels in Yangtze Estuary by quadrature Joint Probability Optimal Sampling Method. 2018 , 140, 331-341	11
806	Evaluation of numerical wave model for typhoon wave simulation in South China Sea. 2018 , 11, 229-235	6
805	Salt Marsh Loss Affects Tides and the Sediment Budget in Shallow Bays. 2018 , 123, 2647-2662	24

804	Validation of a wave forecast system for Galway Bay. 2018 , 11, 112-124	3
803	Annual and seasonal variabilities in the performances of wave energy converters. 2018 , 165, 812-823	37
802	Ocean wave characteristic in the Sunda Strait using Wave Spectrum Model. 2018 , 139, 012025	1
801	Modelling Offshore Wave farms for Coastal Process Impact Assessment: Waves, Beach Morphology, and Water Users. 2018 , 11, 2517	8
800	Hazard Assessment of Typhoon-Driven Storm Waves in the Nearshore Waters of Taiwan. 2018 , 10, 926	14
799	Persian Gulf zone classification based on the wind and wave climate variability. 2018 , 169, 604-635	28
798	Surfzone State Estimation, with Applications to Quadcopter-Based Remote Sensing Data. 2018 , 35, 1881-1896	6
797	Influence of Wave State and Sea Spray on the Roughness Length: Feedback on Medicanes. 2018 , 9, 301	19
796	High-resolution marine flood modelling coupling overflow and overtopping processes: framing the hazard based on historical and statistical approaches. 2018 , 18, 207-229	15
795	Simulation of the 1953 storm surge in the North Sea. 2018 , 68, 1759-1777	7
794	Potential Impacts of Sea Level Rise and Coarse Scale Marsh Migration on Storm Surge Hydrodynamics and Waves on Coastal Protected Areas in the Chesapeake Bay. 2018 , 6, 86	5
793	Optimization of Bathymetry Estimates for Nearshore Hydrodynamic Models Using Bayesian Methods. 2018 , 144,	2
792	EVALUATION OF MECHANISM OF MORPHOLOGICAL CHANGES AT TIDAL FLAT BY TYPHOON TALIM (2017): CASE STUDY FOR HIGASHI-HAZU, AICHI. 2018 , 74, I_823-I_828	
791	Assessing the joint probability of sea conditions: A robust approach. 2018 ,	
790	Wave modelling in coastal and inner seas. 2018 , 167, 164-233	90
789	Intense Storms Increase the Stability of Tidal Bays. 2018 , 45, 5491-5500	30
788	Spectral Wave Modeling in Very Shallow Water at Southern Coast of Caspian Sea. 2018 , 17, 140-151	1
787	Three-Dimensional Modeling of Fine Sediment Transport by Waves and Currents in a Shallow Estuary. 2018 , 123, 4177-4199	9

786	Estimation of oceanic subsurface mixing under a severe cyclonic storm using a coupled atmosphere-ocean-wave model. 2018 , 14, 259-272	15
785	Inter-comparison of WAM and WAVEWATCH-III in the North Indian Ocean using ERA-40 and QuikSCAT/NCEP blended winds. 2018 , 164, 298-321	6
784	On the improvement of wave and storm surge hindcasts by downscaled atmospheric forcing: application to historical storms. 2018 , 18, 997-1012	5
783	Effect of winds and waves on salt intrusion in the Pearl River estuary. 2018 , 14, 139-159	19
782	Wave Energy. 2018 , 107-140	3
781	Ocean Modelling for Resource Characterization. 2018 , 193-235	15
780	Tradeoffs among hydrodynamics, sediment fluxes and vegetation community in the Virginia Coast Reserve, USA. 2018 , 210, 98-108	27
779	Long-term hazard analysis of destructive storm surges using the ADCIRC- SWAN model: A case study of Bohai Sea, China. 2018 , 73, 52-62	21
778	The impact of wave energy converter arrays on wave-induced forcing in the surf zone. 2018 , 161, 322-336	16
777	Exploring the Potential for Multivariate Fragility Representations to Alter Flood Risk Estimates. 2018 , 38, 1847-1870	3
776	The Optical Signature of a Bottom Boundary Layer Ventilation Event in the Northern Gulf of Mexico's Hypoxic Zone. 2018 , 45, 8390-8398	5
775	Exploring the impacts of climate and policy changes on coastal community resilience: Simulating alternative future scenarios. 2018 , 109, 80-92	15
774	Numerical modeling of wave-current interaction in Merak Port, Indonesia. 2018 , 162, 012007	1
773	Wave-current Interaction: A 2DH Model for Turbulent Jet and Bottom-Friction Dissipation. 2018 , 10, 392	17
772	Setup and evaluation of a SWAN wind wave model for the Sea of Marmara. 2018 , 165, 450-464	20
771	Tidal Flow Asymmetry Owing to Inertia and Waves on an Unstratified, Shallow Ebb Shoal. 2018 , 123, 6779-6799	6
770	Contribution of Benthic Processes to the Growth of Ooids on a Low-Energy Shore in Cat Island, The Bahamas. 2018 , 8, 252	11
769	A reduced-complexity shoreline change model combining longshore and cross-shore processes: The LX-Shore model. 2018 , 109, 1-16	48

- 768 Wave-current dynamics and interactions near the two inlets of a shallow lagoon inlet-coastal ocean system under hurricane conditions. **2018**, 129, 124-144 20
- 767 Integrated Modeling of Typhoon Damrey's Effects on Sediment Resuspension and Transport in the North Passage of Changjiang Estuary, China. **2018**, 144, 04018015 9
- 766 Spatial variability of long-term trends of significant wave heights in the Black Sea. **2018**, 79, 20-35 19
- 765 Longshore wave variability along non-straight coastlines. **2018**, 212, 318-328 14
- 764 Storm Impact on Morphological Evolution of a Sandy Inlet. **2018**, 123, 5751-5762 6
- 763 Impact of Langmuir Turbulence on the Thermal Response of the Ocean Surface Mixed Layer to Supertyphoon Haitang (2005). **2018**, 48, 1651-1674 14
- 762 Communicating physics-based wave model predictions of coral reefs using Bayesian belief networks. **2018**, 108, 123-132 9
- 761 Study of the Wave Energy Propagation Patterns in the Western Black Sea. **2018**, 8, 993 7
- 760 Assessing safety of nature-based flood defenses: Dealing with extremes and uncertainties. **2018**, 139, 47-64 27
- 759 Wave transformation in the nearshore waters of Jeddah, west coast of Saudi Arabia. **2018**, 163, 599-608 7
- 758 Wind influence on the orientation of estuarine landforms: An example from Lake Illawarra in southeastern Australia. **2018**, 43, 2915-2925 4
- 757 Projected 21st Century Coastal Flooding in the Southern California Bight. Part 1: Development of the Third Generation CoSMoS Model. **2018**, 6, 59 17
- 756 Quantification of Two-Dimensional Wave Breaking Dissipation in the Surf Zone from Remote Sensing Data. **2018**, 10, 38 4
- 755 Multivariate Hybrid Modelling of Future Wave-Storms at the Northwestern Black Sea. **2018**, 10, 221 13
- 754 Lagoon Sediment Dynamics: A Coupled Model to Study a Medium-Term Silting of Tidal Channels. **2018**, 10, 569 26
- 753 In situ observations and simulations of coastal wave field transformation by wave energy converters. **2018**, 140, 175-188 6
- 752 Impacts of Nearshore Wave-Current Interaction on Transport and Mixing of Small-Scale Buoyant Plumes. **2018**, 45, 8379-8389 14
- 751 Development of a wave-current model through coupling of FVCOM and SWAN. **2018**, 164, 443-454 13

750	Effect of Sea Level Rise and Offshore Wave Height Change on Nearshore Waves and Coastal Structures. 2018 , 17, 192-207	0
749	Using a genetic algorithm to improve oil spill prediction. 2018 , 135, 386-396	13
748	Assessing the Vulnerability of Structures and Residential Communities to Storm Surge: An Analysis of Flood Impact during Hurricane Sandy. 2018 , 4,	13
747	Formation events of shoreline sand waves on a gravel beach. 2018 , 68, 735-748	2
746	Influence of an Observed Decadal Decline in Wind Speed on Turbidity in the San Francisco Estuary. 2018 , 41, 1943-1967	12
745	Multi-timescale morphological modelling of a dune-fronted sandy beach. 2018 , 136, 161-171	21
744	A unified framework for modelling sediment fate from source to sink and its interactions with reef systems over geological times. 2018 , 8, 5252	10
743	Application of machine learning in ocean data. 1	21
742	Deep neural networks for active wave breaking classification. 2021 , 11, 3604	7
741	Extreme waves induced by cyclone Nargis at Myanmar coast: numerical modeling versus satellite observations. 2021 , 106, 1797-1818	
740	Observation and simulation of wind waves near a typical reef lagoon in South China Sea. 2021 , 33, 24-32	0
739	Application of the Artificial Coral Reef as a Coastal Erosion Prevention Method with Numerical-Physical Combined Analysis (Case study: Cheonjin-Bongpo beach, Kangwon province, South Korea). 2021 , 35, 75-81	1
738	Dynamical Downscaling of ERA5 Data on the North-Western Mediterranean Sea: From Atmosphere to High-Resolution Coastal Wave Climate. 2021 , 9, 208	12
737	Human Impact on the Spatiotemporal Evolution of Beach Resilience on the Northwestern Yucatan Coast. 2021 , 8,	3
736	Downscaling of real-time coastal flooding predictions for decision support. 2021 , 107, 1341-1369	2
735	Tide surge and wave interaction around the Taiwan coast: insight from Typhoon Nepartak in 2016. 2021 , 107, 1881-1904	2
734	The self-similar stratified inner-shelf response to transient rip-current-induced mixing. 2021 , 915,	1
733	Surface Gravity Wave Modeling in Tropical Cyclones.	2

732	The Effect of Wave-Induced Current and Coastal Structure on Sediment Transport at the Zengwen River Mouth. 2021 , 9, 333	3
731	Analysis and Prediction of Significant Wave Height in the Beibu Gulf, South China Sea. 2021 , 126, e2020JC017144	4
730	Regional Downscaling of Copernicus ERA5 Wave Data for Coastal Engineering Activities and Operational Coastal Services. 2021 , 13, 859	3
729	Simulating the Coastal Ocean Circulation Near the Cape Peninsula Using a Coupled Numerical Model. 2021 , 9, 359	0
728	Feasibility Study for the Extraction of Wave Energy along the Coast of Ensenada, Baja California, Mexico. 2021 , 9, 284	0
727	Inter-comparison of long-term wave power potential in the Black Sea based on the SWAN wave model forced with two different wind fields. 2021 , 93, 101192	2
726	Storm Gloria: Sea State Evolution Based on in situ Measurements and Modeled Data and Its Impact on Extreme Values. 2021 , 8,	8
725	Wave Modulation of Flows on Open and Closed Reefs. 2021 , 126, e2020JC016645	4
724	Wave Farms Impact on the Coastal ProcessesâA Case Study Area in the Portuguese Nearshore. 2021 , 9, 262	6
723	Role of wetlands in reducing structural loss is highly dependent on characteristics of storms and local wetland and structure conditions. 2021 , 11, 5237	4
722	Stability study for the rehabilitation of the protective dike of the port El Jadida (Morocco). 2021 , 1126, 012049	
721	Tsunami Wave Transformation in Selesung Bay (Lampung). 2021 , 698, 012027	
720	Review of Wind Models at a Local Scale: Advantages and Disadvantages. 2021 , 9, 318	4
719	The Influence of Reef Topography on Storm-Driven Sand Flux. 2021 , 9, 272	0
718	IMPROVED WIND DRAG FORMULATION FOR NUMERICAL STORM WAVE AND SURGE MODELING. 2021 , 93, 101193	0
717	Surface wavepackets subject to an abrupt depth change. Part 1. Second-order theory. 2021 , 915,	8
716	Negative impact modeling on the Baltic Sea in the production of underground gas storages. 2021 , 677, 042106	
715	Mathematical description of wave propagation in order to assess the efficiency of the wave energy converter and find its optimal characteristics. 2021 , 1089, 012036	

714	A Relocatable Ocean Modeling Platform for Downscaling to Shelf-Coastal Areas to Support Disaster Risk Reduction. 2021 , 8,	4
713	Analysis of Ashobaa tropical cyclone-induced waves in the Northern Indian Ocean using coupled atmosphere-wave modeling. 2021 , 16, 124-141	1
712	Revisiting the paradigm of shark-driven trophic cascades in coral reef ecosystems. 2021 , 102, e03303	10
711	Marsh Edge Erosion. 2021 , 388-422	1
710	WAVEWATCH-III source terms evaluation for optimizing hurricane wave modeling: A case study of Hurricane Ivan. 2021 , 63, 194-213	8
709	Quantifying air-water turbulence with moment field equations. 2021 , 917,	1
708	Field Observation and Numerical Modelling for Morphological Response in the Macro-tidal Beach. 2021 , 8, 55-68	1
707	Coastal Wetlands Exposure to Storm Surge and Waves in the Albemarle-Pamlico Estuarine System during Extreme Events. 2021 , 41, 1	3
706	Modeling Impacts of Submersed Aquatic Vegetation on Sediment Dynamics Under Storm Conditions in Upper Chesapeake Bay. 1	
705	Predictions of run-up scale on coastal seawalls using a statistical formula. 2021 , 7, 173-187	
704	Study of the influence of cempaka tropical cyclone on the height of sea waves in the South Java sea using the Delft 3D application. 2021 , 739, 012043	
703	Tropical Cyclones in the Arabian Sea: overview and simulation of winds and storm-induced waves. 2021 , 108, 711-732	3
702	Sedimentological responses to coastal dynamics along the Thane District, North Maharashtra, West Coast of India. 2021 , 7, 1	3
701	Simulation of a flash-flood event over the Adriatic Sea with a high-resolution atmosphere-ocean-wave coupled system. 2021 , 11, 9388	8
700	Quality of the ERA5 and CFSR winds and their contribution to wave modelling performance in a semi-closed sea. 1-25	2
699	Invasive Phragmites provides superior wave and surge damage protection relative to native plants during storms. 2021 , 16, 054008	5
698	A Spatiotemporal Convolutional Gated Recurrent Unit Network for Mean Wave Period Field Forecasting. 2021 , 9, 383	2
697	Replacing a third-generation wave model with a fetch based parametric solver in coastal estuaries. 2021 , 251, 107192	3

696	The value of US coral reefs for flood risk reduction. 2021 , 4, 688-698	9
695	Marsh Response to Stress. 2021 , 335-481	
694	The Application of UAV for the Analysis of Geological Hazard in Krk Island, Croatia, Mediterranean Sea. 2021 , 13, 1790	3
693	Unstructured global to coastal wave modeling for the Energy Exascale Earth System Model using WAVEWATCH III version 6.07. 2021 , 14, 2917-2938	1
692	Propagation of waves over a rugged topography. 2021 , 7, 14-14	3
691	Assessment of the Photosynthetic Response of <i>Posidonia oceanica</i> (Linnaeus) Delile, 1813 along a Depth Gradient in the Northern Tyrrhenian Sea (Latium, Italy). 2021 , 11, 202	2
690	The Role of Beach Morphology and Mid-Century Climate Change Effects on Wave Runup and Storm Impact on the Northern Yucatan Coast. 2021 , 9, 518	1
689	Bidirectional Modeling of Surface Winds and Significant Wave Heights in the Caribbean Sea. 2021 , 9, 547	4
688	Coastal Evolution in a Wetland Affected by Large Tsunamigenic Earthquakes in South-Central Chile: Criteria for Integrated Coastal Management. 2021 , 13, 1467	1
687	The Expected Impact of Marine Energy Farms Operating in Island Environments with Mild Wave Energy Resources—A Case Study in the Mediterranean Sea. 2021 , 6, 33	2
686	HF Radars for Wave Energy Resource Assessment Offshore NW Spain. 2021 , 13, 2070	1
685	Impact of SST and Surface Waves on Hurricane Florence (2018): A Coupled Modeling Investigation. 2021 ,	0
684	Inter- and intra-annual wave energy resource assessment in the south-western Black Sea coast. 2021 , 169, 809-819	2
683	Numerical simulation of waves in the Caspian Sea: calibration and verification of the observation-based source terms. 2021 , 71, 699-714	2
682	A Mega-Nourishment (Sand Motor) Affects Landscape Diversity of Subtidal Benthic Fauna. 2021 , 8,	0
681	Development of hybrid wave transformation methodology and its application on Kerala Coast, India. 2021 , 130, 1	0
680	Effect of Drag Coefficient Parameterizations on Air–Sea Coupled Simulations: A Case Study for Typhoons Haima and Nida in 2016. 2021 , 38, 977-993	2
679	Effects of reduced shoreline erosion on Chesapeake Bay water clarity. 2021 , 769, 145157	8

678	Planar Installation Characteristics of Crown Depth-Variable Artificial Coral Reef on Improving Coastal Resilience: A 3D Large-Scale Experiment. 2021 , 13, 1526	1
677	Effect of Modelling Inhomogeneous Wave Conditions on Structural Responses of a Very Long Floating Bridge. 2021 , 9, 548	2
676	Phase-resolved ocean wave forecast with ensemble-based data assimilation. 2021 , 918,	1
675	Spatiotemporal long-term trends of wind and wave climate and extreme characteristics over the Sea of Marmara. 2021 , 228, 108946	2
674	Quantifying the Effects of Wave-Current Interactions on Tidal Energy Resource at Sites in the English Channel Using Coupled Numerical Simulations. 2021 , 14, 3625	1
673	Analysis of the New Zealand- Taranaki regional wave climate using high-resolution modelling. 2021 , 45, 101806	1
672	Monitoring Lakes Surface Water Velocity with SAR: A Feasibility Study on Lake Garda, Italy. 2021 , 13, 2293	6
671	Determining the Shoreline Retreat Rate of Australia Using Discrete and Hybrid Bayesian Networks. 2021 , 126, e2021JF006112	
670	Short-fetch high waves during the passage of 2019 Typhoon Faxai over Tokyo Bay. 1	0
669	Modelling approach for the evaluation of burial and erosion processes on Posidonia oceanica meadows. 2021 , 254, 107321	2
668	Wave resource characterization at regional and nearshore scales for the U.S. Alaska coast based on a 32-year high-resolution hindcast. 2021 , 170, 595-612	5
667	Barrier Breaching Versus Overwash Deposition: Predicting the Morphologic Impact of Storms on Coastal Barriers. 2021 , 126, e2021JF006066	1
666	Green infrastructure for the reduction of coastal disasters: a review of the protective role of coastal forests against tsunami, storm surge, and wind waves. 1-16	8
665	Simulation of storm surge and wave due to Typhoon Lekima in 2019. 2021 , 787, 012087	1
664	Simulation of Wave-Induced Along-Shore Current with Wave-Current Interaction. 2021 ,	
663	Visualising the Uncertainty Cascade in Multi-Ensemble Probabilistic Coastal Erosion Projections. 2021 , 8,	3
662	Modeling Sea Ice Effects for Wave Energy Resource Assessments. 2021 , 14, 3482	0
661	Geometry assessment of a sloped type wave energy converter. 2021 , 171, 672-686	4

660	Implementation of an Artificial Neural Network for Storm Surge Forecasting. 2021 , 126, e2020JD033266	1
659	Improving Significant Wave Height Forecasts Using a Joint Empirical Mode Decompositionâ€¦long Short-Term Memory Network. 2021 , 9, 744	9
658	Fast wave-by-wave prediction of weakly nonlinear unidirectional wave fields. 2021 , 112, 102695	6
657	A Wave Prediction Framework Based on Machine Learning and the Third Generation Wave Model. 2022 , 144,	
656	Assessing the Impact of Waveâ€¦Current Interactions on Storm Surges and Waves during Cold Air Outbreaks in the Northern East China Sea. 2021 , 9, 824	2
655	Combining methodologies on the impact of inter and intra-annual variation of wave energy on selection of suitable location and technology. 2021 , 172, 697-713	5
654	Wave action bottom reflection source term implementation. 2021 , 163, 101818	
653	Quantitative risk assessment of storm surge using GIS techniques and open data: A case study of Daya Bay Zone, China. 2021 , 289, 112514	1
652	Multiple climate change-driven tipping points for coastal systems. 2021 , 11, 15560	1
651	Response of wave energy to tidal currents in the western sea of Jeju Island, Korea. 2021 , 172, 564-573	2
650	Novel use of social media to assess and improve coastal flood forecasts and hazard alerts. 2021 , 11, 13727	0
649	Applicability Study of a Sunken Vessel as an Artificial Reef in a High Wave Energy Zone. 2021 , 14, 4374	1
648	Effects of large-scale atmospheric circulation on the Baltic Sea wave climate: application of the EOF method on multi-mission satellite altimetry data. 2021 , 57, 3465	0
647	Nature-Based Engineering: A Review on Reducing Coastal Flood Risk With Mangroves. 2021 , 8,	10
646	An analysis of high-resolution modelled wave heights along the South African south coast suggests recent deterioration of sea state. 2021 , 30, 679	0
645	Toward nearshore, bathymetry induced wave amplification in False Bay, South Africa. 2021 , 11, 075209	
644	Performance Accuracy of Surfbeat in Modeling Infragravity Waves near and Inside a Harbor. 2021 , 9, 918	0
643	Forecasting of Typhoon-Induced Wind-Wave by Using Convolutional Deep Learning on Fused Data of Remote Sensing and Ground Measurements. 2021 , 21,	2

642	ICONGETM v1.0 âFlexible NUOPC-driven two-way coupling via ESMF exchange grids between the unstructured-grid atmosphere model ICON and the structured-grid coastal ocean model GETM. 2021 , 14, 4843-4863	1
641	A numerical study of arsenic contamination at the Bagnoli bay seabed by a semi-anthropogenic source. Analysis of current regime. 2021 , 782, 146811	7
640	A novel hybrid model based on STL decomposition and one-dimensional convolutional neural networks with positional encoding for significant wave height forecast. 2021 , 173, 531-543	11
639	Wave energy resources assessment for the multi-modal sea state of Hawaii. 2021 , 174, 1036-1055	3
638	Spatiotemporal variations and extreme value analysis of significant wave height in the South China Sea based on 71-year long ERA5 wave reanalysis. 2021 , 113, 102750	5
637	Predicting Lake Erie wave heights and periods using XGBoost and LSTM. 2021 , 164, 101832	13
636	Predicting Dominance of Sand Transport by Waves, Tides, and Their Interactions on Sandy Continental Shelves. 2021 , 126, e2021JC017200	1
635	Power Output Prediction of Wave Farms Using Fully Connected Networks. 2021 ,	
634	Global Wave Hindcasts Using the Observation-Based Source Terms: Description and Validation. 2021 , 13, e2021MS002493	5
633	Coastal Flooding in the Balearic Islands During the Twenty-First Century Caused by Sea-Level Rise and Extreme Events. 2021 , 8,	1
632	Modeling surface waves and tideâsurge interactions leading to enhanced total water levels in a macrotidal bay. 1-18	0
631	Numerical modelling of alongshore variability in waves and wave-driven currents during the morphodynamic change of a laboratory beach. 2021 , 167, 103913	0
630	Using machine learning to derive spatial wave data: A case study for a marine energy site. 2021 , 142, 105066	3
629	Forecasting tropical cyclones wave height using bidirectional gated recurrent unit. 2021 , 234, 108795	8
628	Flood management challenges in transitional environments: Assessing the effects of sea-level rise on compound flooding in the 21st century. 2021 , 167, 103872	2
627	Wave, Tide and Topographical Controls on Headland Sand Bypassing. 2021 , 126, e2020JC017053	1
626	Optimization of SWAN Wave Model to Improve the Accuracy of Winter Storm Wave Prediction in the East Sea. 2021 , 35, 273-286	4
625	Free Infragravity Waves in the North Sea. 2021 , 126, e2021JC017368	2

624	An efficient method to calculate depth-integrated, phase-averaged momentum balances in non-hydrostatic models. 2021 , 165, 101846	2
623	Coupled Delft3D-Object Model to Predict Mobility of Munition on Sandy Seafloor. 2021 , 6, 330	0
622	Comparative analysis of parametric cyclone models and relations for radius of maximum winds for storm surge simulations: case of Typhoon Meranti 2016. 1-19	0
621	Numerical assessment of climatological trends for annual and seasonal wave characteristics during recent 41 years. 1	
620	Machine learning for satellite-based sea-state prediction in an offshore windfarm. 2021 , 235, 109280	1
619	Methodology for developing a response-based correction factor (alpha-factor) for allowable sea state assessment of marine operations considering weather forecast uncertainty. 2021 , 79, 103050	0
618	Investigation of Air-Sea Turbulent Momentum Flux over the Aegean Sea with a Wind-Wave Coupling Model. 2021 , 12, 1208	
617	Combined Longshore and Cross-Shore Modeling for Low-Energy Embayed Sandy Beaches. 2021 , 9, 979	0
616	On the improvements in nearshore wave height predictions using nested SWAN-SWASH modelling in the eastern coastal waters of India. 2021 , 236, 109550	0
615	Response of freshwater transport during typhoons with wave-induced mixing effects in the Pearl River Estuary, China. 2021 , 258, 107439	1
614	Development of a Physically Based Sediment Transport Model for Green Bay, Lake Michigan. 2021 , 126, e2021JC017518	1
613	Online-coupling of widely-ranged timescales to model coral reef development. 2021 , 143, 105103	0
612	Foredune formation and evolution on a prograding sea-breeze dominated beach. 2021 , 226, 104495	1
611	The impact of wind-waves and sea level rise on the morphodynamics of a sandy estuarine shoal.	1
610	CRBM-DBN-based prediction effects inter-comparison for significant wave height with different patterns. 2021 , 236, 109559	0
609	Formation of a barrier island breach and its contributions to lagoonal circulation. 2021 , 262, 107593	0
608	A quantitative method to calibrate the SWAN wave model based on the whitecapping dissipation term. 2021 , 114, 102785	2
607	Climate Change Impacts on Coastal Wave Dynamics at Vougot Beach, France. 2021 , 9, 1009	1

606	Modelling the Impact of Climate Change on Coastal Flooding: Implications for Coastal Structures Design. 2021 , 9, 1008	2
605	Parameterization of nearshore wave breaker index. 2021 , 168, 103914	9
604	Shallow lacustrine versus open ocean coastal clastic deposits: Morphosedimentary diagnostic indicators and interpretation. 2021 , 423, 105981	0
603	Impact of Langmuir Turbulence, Wave Breaking, and Stokes Drift on Upper Ocean Dynamics Under Hurricane Conditions. 2021 , 126, e2021JC017388	2
602	Tropical cyclones near landfall can induce their own intensification through feedbacks on radiative forcing. 2021 , 2,	1
601	Modelling long-term shoreline evolution in highly anthropized coastal areas. Part 2: Assessing the response to climate change. 2021 , 168, 103961	0
600	Evaluation of wave growth and bottom friction parameterization schemes in the SWAN based on wave modelling for the central west coast of India. 2021 , 235, 109356	1
599	Assessment of hurricane generated loads on offshore wind farms; a closer look at most extreme historical hurricanes in New England. 2021 , 175, 593-609	2
598	Incorporating wave-breaking data in the calibration of a Boussinesq-type wave model. 2021 , 168, 103945	2
597	Projecting changes in explosive cyclones and high waves around Japan using a mega-ensemble projection. 2021 , 237, 109634	2
596	Reprint of: Modelling long-term shoreline evolution in highly anthropized coastal areas. Part 2: Assessing the response to climate change. 2021 , 169, 103985	1
595	A methodological framework for selecting an optimal sediment source within a littoral cell. 2021 , 296, 113207	
594	Costal sea level variability and extreme events in Moñitos, Cordoba, Colombian Caribbean Sea. 2021 , 228, 104489	2
593	Individual-based modelling of cyanobacteria blooms: Physical and physiological processes. 2021 , 792, 148418	3
592	Spatial distribution of wave energy over complex coastal bathymetries: Development of methodologies for comparing modeled wave fields with satellite observations. 2021 , 169, 103793	1
591	Modelling long-term shoreline evolution in highly anthropized coastal areas. Part 1: Model description and validation. 2021 , 169, 103960	0
590	Decision support tools, systems and indices for sustainable coastal planning and management: A review. 2021 , 212, 105813	5
589	Automatic calibration and uncertainty quantification in waves dynamical downscaling. 2021 , 169, 103944	

588	Impact of Typhoon Chan-hom on sediment dynamics and morphological changes on the East China Sea inner shelf. 2021 , 440, 106578	0
587	Hazard assessment of storm surges and concomitant waves in Shandong Peninsula based on long-term numerical simulations. 2021 , 213, 105888	3
586	Representing wave effects on currents. 2021 , 167, 101873	1
585	Performance evaluation of SWAN ST6 physics forced by ERA5 wind fields for wave prediction in an enclosed basin. 2021 , 240, 109936	5
584	Quantifying the Impacts of Storm Surge, Sea Level Rise, and Potential Reduction and Changes in Wetlands in Coastal Areas of the Chesapeake Bay Region. 2021 , 22, 04021044	2
583	Characterization of the wave resource variability in the French Basque coastal area based on a high-resolution hindcast. 2021 , 178, 79-95	0
582	Wave-influenced formation of new ice: Model building and a test case. 2021 , 167, 101878	1
581	Diffraction of irregular ocean waves measured by altimeter in the lee of islands. 2021 , 265, 112653	1
580	Modeling of coastal infragravity waves using the spectral model WAVEWATCH III. 2021 , 170, 104016	1
579	An improved model for fast and reliable harbour wave agitation assessment. 2021 , 170, 104011	2
578	Fragility Analysis of Coastal Roadways and Performance Assessment of Coastal Transportation Systems Subjected to Storm Hazards. 2021 , 35, 04021088	2
577	Wave energy flux in the Caribbean Sea: Trends and variability. 2022 , 181, 616-629	0
576	Coral composition and bottom-wave metrics improve understanding of the patchiness of cyclone damage on reefs. 2022 , 804, 150178	0
575	Development and Evaluation of a Hydrometeorological Forecasting System Using the Coupled Ocean-Atmosphere-Wave-Sediment Transport (COAWST) Model. 2021 , 2021, 1-17	1
574	Physical Instability of Individuals Exposed to Storm-Induced Coastal Flooding: Vulnerability of New Yorkers During Hurricane Sandy. 2021 , 57, e2020WR028616	2
573	Numerical Modelling of the Effects of the Gulf Stream on the Wave Characteristics. 2021 , 9, 42	4
572	Numerical analysis on the effect of wave boundary condition in storm wave and surge modeling for a tropical cyclonic condition. 2021 , 220, 108371	3
571	Significant wave height forecasting using WRF-CLSF model in Taiwan strait. 2021 , 15, 1400-1419	1

570	Predicting dominance of sand transport by waves, tides and their interactions on sandy continental shelves.	
569	Measuring and Observing the Ocean Renewable Energy Resource. 2021 ,	1
568	Towards an End-to-End Analysis and Prediction System for Weather, Climate, and Marine Applications in the Red Sea. 2021 , 102, E99-E122	14
567	A forecasting model for wave heights based on a long short-term memory neural network. 2021 , 40, 62-69	8
566	Complex Morpho-Hydrodynamic Response of Estuaries and Bays to Winter Storms: North-Central Gulf of Mexico, USA. 2005 , 243-267	4
565	Real-Time Forecasting and Visualization of Hurricane Waves and Storm Surge Using SWAN+ADCIRC and FigureGen. 2013 , 49-70	23
564	Stability Study of a Protection Structure by Stacking GSC Geosynthetics: Application to the Port of Corisco (Equatorial Guinea). 2020 , 225-241	1
563	Examining Material Transport in Dynamic Coastal Environments: An Integrated Approach Using Field Data, Remote Sensing and Numerical Modeling. 2014 , 333-364	1
562	Wave Overtopping Analysis and Early Warning Forecast System. 2014 , 267-282	1
561	Analyses of Wave Scattering and Absorption Produced by WEC Arrays: Physical/Numerical Experiments and Model Assessment. 2017 , 71-97	4
560	Integrated SDSS for Environmental Risk Analysis in Sustainable Coastal Area Planning. 2018 , 671-684	1
559	The Wave Energy Resource. 2008 , 93-132	31
558	Data Assimilation Algorithms for Numerical Models. 2009 , 107-142	1
557	Integrating Coastal Models and Observations for Studies of Ocean Dynamics, Observing Systems and Forecasting. 2011 , 487-512	4
556	Broad-Scale Hydrodynamic Simulation, Wave Transformation and Sediment Pathways. 2015 , 103-124	1
555	Reconstruction of transport modes and flow parameters from coastal boulders. 2020 , 617-639	2
554	Storm-driven erosion and inundation of barrier islands from dune-to region-scales. 2020 , 158, 103674	6
553	Integration of Geographic Information System and system dynamics for assessment of the impacts of storm damage on coastal communities - Case study: Chabahar, Iran. 2020 , 49, 101665	8

552	A new non-parametric correction model and its applications to hindcasting wave data. 2017 , 132, 11-24	5
551	Kinetic energy flux budget across air-sea interface. 2017 , 120, 27-40	7
550	Millennial scale maximum intensities of typhoon and storm wave in the northwestern Pacific Ocean inferred from storm deposited reef boulders. 2020 , 10, 7218	5
549	Methodology to assess coastal infrastructure resilience to climate change. 2016 , 7, 02004	2
548	A Regional Testbed for Storm Surge and Coastal Inundation Models—An Overview. 2012 ,	7
547	A cost-effective technique for measuring relative water movement for studies of benthic organisms. 2010 , 61, 1327	19
546	A Combined Stokes Drift Profile under Swell and Wind Sea. 2020 , 50, 2819-2833	4
545	A Rapid Forecasting and Mapping System of Storm Surge and Coastal Flooding. 2020 , 35, 1663-1681	10
544	Bioengineering in front of a river dike: Wave attenuation by vegetation. 2010 , 273-278	3
543	Numerical wave modeling based on curvilinear element meshes. 2004 , 1035-1040	3
542	The Power of Three: Coral Reefs, Seagrasses and Mangroves Protect Coastal Regions and Increase Their Resilience. 2016 , 11, e0158094	139
541	Performance Optimization of Marine Science and Numerical Modeling on HPC Cluster. 2017 , 12, e0169130	2
540	Understanding Reef Flat Sediment Regimes and Hydrodynamics can Inform Erosion Mitigation on Land. 2016 , 2,	9
539	The characteristics of wind waves in Lake Chaohu in 2018. 2020 , 32, 1177-1188	2
538	Structural Damage Under Multiple Hazards in Coastal Environments. 2013 , 8, 1042-1051	13
537	Bottom Suspended Particulate Matter Dynamics in a R [^] b Environment Under Fair-Weather Conditions: R [^] b de Vigo (NW Spain). 2019 , 35, 420	2
536	Coastal Hazard Assessments for Sandy Coasts: Appraisal of Five Methodologies. 2019 , 35, 574	4
535	Field Observations of Wave and Current Characteristics on a Microtidal Reflective Beach. 2019 , 35, 1164	1

534	Comparing wave heights simulated in the Black Sea by the SWAN model with satellite data and direct wave measurements. 2016 , 16, 1-12	12
533	STORM SURGE AND HIGH WAVES DUE TO 1997 TYPHOON LINDA: UNINVESTIGATED WORST STORM EVENT IN SOUTHERN VIETNAM. 2019 , 75, I_73-I_78	3
532	VERIFICATION OF ACCURACY FOR WAVE FORECASTING USING WAVE WATCH III EMPLOYED IN OUTER REGION. 2017 , 73, I_139-I_144	2
531	Regional Wave Climate Projection Based on Super-High-Resolution MRI-AGCM3.2S, Indian Ocean. 2018 , 74, I_1351-I_1355	1
530	Influences of wave fetch, tidal flow and ocean colour on subtidal rocky communities. 2012 , 445, 193-207	67
529	Coral reef benthic regimes exhibit non-linear threshold responses to natural physical drivers. 2015 , 522, 33-48	49
528	Understanding differential patterns in coral reef recovery: chronic hydrodynamic disturbance as a limiting mechanism for coral colonization. 2018 , 605, 135-150	5
527	Interaction of natural and anthropogenic stressors on rocky shores: community resistance to trampling. 2019 , 631, 117-126	3
526	An Application of NEMOVAR for Regional Wave Model Data Assimilation. 2020 , 7,	2
525	An Integrated Approach to Study the Morphodynamics of the Lignano Tidal Inlet. 2020 , 8, 77	9
524	Breaking Wave Height Estimation from Timex Images: Two Methods for Coastal Video Monitoring Systems. 2020 , 12, 204	13
523	2-D Characteristics of Wave Deformation Due to Wave-Current Interactions with Density Currents in an Estuary. 2020 , 12, 183	1
522	Beach cusps and inner surf zone processes: growth or destruction? A case study of Trafalgar Beach (Cádiz, Spain). 2010 , 74, 539-553	9
521	Australia's Integrated Marine Observing System (IMOS): Data Impacts and Lessons Learned. 2016 , 50, 23-33	12
520	Modeling the Impacts of Sea Level Rise on Storm Surge Inundation in Flood-Prone Urban Areas of Hampton Roads, Virginia. 2018 , 52, 92-105	7
519	Validation and Coupling of the SWAN Wave Prediction Model by WRF for the Persian Gulf. 2017 , 07, 22-34	3
518	Fine sediment dynamics in the Río de la Plata. 39, 75-80	17
517	An observational and numerical case study of a flash sea storm over the Gulf of Genoa. 2008 , 2, 107-112	7

516	The role of sediment-induced light attenuation on primary production during Hurricane Gustav (2008). 2020 , 17, 5043-5055	3
515	Intertidal finger bars at El Puntal, Bay of Santander, Spain: observation and forcing analysis.	1
514	Morphological and sedimentological response of a mixed-energy barrier island tidal inlet to storm and fair-weather conditions.	2
513	Simulation of storm surge inundation under different typhoon intensity scenarios: case study of Pingyang County, China. 2020 , 20, 2777-2790	2
512	Wave height return periods from combined measurement and model data: a Baltic Sea case study. 2020 , 20, 3593-3609	8
511	Wind waves on the Black Sea: results of a hindcast study.	4
510	Hydro morphodynamic modelling in Mediterranean storms: errors and uncertainties under sharp gradients.	3
509	A validation of an operational wave and surge prediction system for the Dutch Coast.	3
508	Analysis of extreme wave events in the southern coast of Brazil.	4
507	Coastal flooding of urban areas by overtopping: dynamic modelling application to the Johanna storm (2008) in Gênes (France).	6
506	Towards a new BOLAM-MOLOCH suite for the SIMM forecasting system: implementation of an optimised configuration for the HyMeX Special Observation Periods.	4
505	Runup parameterization and beach vulnerability assessment on a barrier island: a downscaling approach.	1
504	Can an early warning system help minimize the impacts of coastal storms? A case study of the 2012 Halloween storm, Northern Italy.	3
503	Parameter sensitivity and uncertainty analysis for a storm surge and wave model.	1
502	Ocean atmosphere wave characterisation of a wind jet (Ebro shelf, NW Mediterranean Sea). 2016 , 23, 143-158	16
501	Numerical modelling of sediment transport in the Adriatic Sea.	1
500	The Civitavecchia Coastal Environment Monitoring System (C-CEMS): a new tool to analyse the conflicts between coastal pressures and sensitivity areas.	1
499	Indian Ocean Dipole modulated wave climate of eastern Arabian Sea.	2

498	Investigation of suitable sites for Wave Energy Converters around Sicily (Italy).	12
497	Shifting momentum balance and frictional adjustment observed over the inner-shelf during a storm.	1
496	Super-ensemble techniques applied to wave forecast: performance and limitations.	1
495	Three-dimensional modelling of wave-induced current from the surf zone to the inner shelf.	2
494	X-band COSMO-SkyMed[*] </sup> SAR data for sea wave simulations and coastal vulnerability assessment.	1
493	Species distribution modelling of benthic invertebrates in the south-eastern Baltic Sea. 2012 , 25, 163-170	11
492	Characteristics of Incident Waves on Seaweed Farm Field Around Gumil-up Sea, Wando. 2012 , 15, 177-185	4
491	Improved Reproducibility of the Yellow and East China Sea Wave Model by Adjusting Parameter of SWAN. 2018 , 21, 207-215	2
490	XXXXXXXXXX XXXXXXXXXX , XXXXXXXXXX . 2018 , 36-50	2
489	Numerical Modeling of Sediment Transport during the 2011 Summer Flood in the Youngsan River Estuary, Korea. 2013 , 25, 76-93	10
488	Analysis of Reliability of Weather Fields for Typhoon Sanba (1216). 2020 , 32, 465-480	1
487	XXXXXXXXXX XXXXXXXXXX , XXXXXXXXXX . 2021 , 18-29	1
486	Seas and swells throughout New Zealand: A new partitioned hindcast. 2021 , 168, 101897	1
485	The impact of surface currents on the wave climate in narrow fjords. 2021 , 168, 101894	1
484	Examination of Computational Performance and Potential Applications of a Global Numerical Weather Prediction Model MPAS Using KISTI Supercomputer NURION. 2021 , 9, 1147	3
483	Estimating nearshore waves by assimilating buoy directional spectrum data in SWAN. 2021 ,	2
482	Environment. 2003 , 1-58	
481	Numerical modeling for breaking wave-induced momentary liquefaction in a porous seabed. 2004 , 339-345	

- 480 Prediction of Significant Wave Height in Tokyo Bay for Small Fishing Boat. **2005**, 112, 339-344
- 479 Modeling of Storm Induced Island Breaching at the Baltic Sea Coast. **2006**,
- 478 Morphodynamic Modeling of Nearshore Crescentic Bar Dissymmetry on an Open Coast: Aquitanian Coast, France. **2006**,
- 477 Risques c^ t^ riers ^ Sri Lanka - Approches par GIS, sc^ ' narios et modelisation. **2009**, 95, 52-59
- 476 Models for the marine environment. **2010**, 77-111
- 475 Ocean surface waves. **2010**, 293-332
- 474 Wave Energy Assessments and Modeling of WaveâCurrent Interactions in the Black Sea. **2010**, 213-259
- 473 Testing and verifying the wind wave model with an optimized source function. **2010**, 48, 7
- 472 Reproduction of the Western Scheldt bathymetry by means of a process-based, morphodynamic model. **2010**, 133-148
- 471 Surface Waves. **2011**, 203-224 1
- 470 Numerical simulation of the wind wave fields in Lake Dianshan. **2011**, 23, 783-788
- 469 Study on Effect of Wave Control by Multi-Cylinder Piles Using Delft-3D Hydrodynamic Model. **2011**, 25, 29-35
- 468 Influence des niveaux d' eau et des courants de mar^ e sur la hauteur de houle dans lâstuaire de la Seine. **2011**, 97, 49-55
- 467 Bibliography. **2011**, 159-168
- 466 Influence of Water Depth on Climate Change Impacts on Caisson Sliding of Vertical Breakwater. **2012**, 24, 179-188 2
- 465 Wave Generation and Coastal Current Models. 235-333
- 464 Characteristics of Wave Propagation by Water Level Conditions at Wando Sea Area: Numerical Modeling. **2013**, 25, 1-11
- 463 Understanding Sea Level Rise and Coastal Hazards. **2013**, 139-178

- 462 Assimilation of decomposed in-situ directional wave spectra into a numerical wave model on typhoon wave.
- 461 Efficiency assessment for different WEC types operating in the Portuguese coastal environment. **2013**, 961-969
- 460 Applicability of Investigation Modified Design Wave Model Considering Diffraction and Water Depth Effects. **2013**, 25, 349-356
- 459 Risk Management in Maritime Structures. **2014**, 1179-1190
- 458 Hurricane Data and Damage Models. **2014**, 106-117
- 457 Application of the numerical model SWAN in locations with vegetation in the Tiete-Paran waterway of Ilha Solteira Dam Brazil. **2014**, 1371-1378
- 456 Wave modelling Application of the Ensemble Kalman Filter to a high-resolution wave forecasting model for wave height forecast in coastal areas. **2014**, 1363-1368
- 455 Influence of a new quay on the wave propagation inside the Sines harbour. **2014**, 1355-1364
- 454 Application of the numerical model SWAN in locations with vegetation in the Tiete-Paran waterway of Ilha Solteira Dam Brazil. **2014**, 1385-1394
- 453 Marina Development Impact on the Tranquility of Small Coast Harbor. **2014**, 38, 673-681
- 452 Application of Hydrodynamic, Pollution Drift and Wave Models as Tools for Better Environmental Management of Ports. **2015**, 75-83
- 451 Application of a Numerical Statistical Model to Estimate Potential Oil Spill Risk. **2015**, 127-140 1
- 450 Projected impact on wave-driven harbour agitation due to climate change – application to the Catalan ports.
- 449 Forecasting Models and Tools for Load and Renewables Generation. **2015**, 35-94
- 448 Ocean modelling for aquaculture and fisheries in Irish waters.
- 447 Wave Simulation for Submarine Cable Route of Southwest Sea Offshore Wind Farm Using the SWAN Model. **2015**, 21, 583-590
- 446 The Marine Virtual Laboratory: enabling efficient ocean model configuration.
- 445 Computational Modeling of the Jamaica Bay System. **2016**, 167-191

- 444 ESTIMATING HIGH WAVES GENERATED BY RECENT STRONG TYPHOONS IN THE EAST CHINA SEA. **2016**, 72, I_259-I_264
- 443 Influence of water depth on the characteristics of spectra at the entrance of major Portuguese ports. **2016**, 1055-1064
- 442 Wave energy resource assessment from a 12-year hindcast, for Pembrokeshire, Wales. **2016**,
- 441 Biomimetic marine energy devices in waves and sheared currents. **2016**,
- 440 Coastal Erosion and Instability Phenomena on the Coast of Krk Island (NE Adriatic Sea) Open image in new window. **2017**, 361-367
- 439 Wave Height and Downtime Event Forecasting in Harbour with Complex Topography Using Auto-Regressive and Artificial Neural Networks Models. **2017**, 29, 180-188 3
- 438 Numerical simulations and statistics of surges in the White and Barents seas. **2017**, 17, 1-11 2
- 437 IMPACTS OF SEA-LEVEL RISE ON OVERTOPPING WAVES AND INUNDATION IN FONGAFALE ISLAND OF FUNAFUTI ATOLL, TUVALU. **2018**, 74, I_175-I_180
- 436 Encyclopedia of Coastal Science. **2018**, 1-22
- 435 Encyclopedia of Coastal Science. **2018**, 1-14
- 434 Time Series Modeling. **2018**, 1-8
- 433 DEFORMATION OF "TORI-MAWARI WAVE" WITH CHANGES OF BOTTOM TOPOGRAPHY. **2018**, 74, I_563-I_568
- 432 VERIFYING ACCURACY OF TWO TYPES OF LONG-YEAR WAVE HINDCASTING DATA SAMPLES AT EACH OF THE ONSHORE STATIONS ALONG THE KOREAN COASTS. **2018**, 74, I_599-I_604
- 431 Development of Web-Atlas of Available Wind and Wave Energy in the Coastal Zones of the Russian Seas: Information and Cartographic Support (on the Example of the Black Sea). **2018**, 39-54 1
- 430 Encyclopedia of Coastal Science. **2019**, 1764-1771
- 429 An Adaptive Kalman Filter Based Ocean Wave Prediction Model Using Motion Reference Unit Data. **2019**, 65-79
- 428 A STUDY ON WAVE DYNAMICS DUE TO WIND FLUCTUATION AT BASE OF PENINSULA. **2019**, 75, I_151-I_156
- 427 Encyclopedia of Coastal Science. **2019**, 1205-1226

- 426 Robust Ensemble-Based Evolutionary Calibration of the Numerical Wind Wave Model. **2019**, 614-627 1
- 425 A STUDY ON BEHAVIOR OF WAVE IN POCKET BEACH LOCATED AT BASE OF PENINSULA. **2019**, 75, I_259-I_264
- 424 Encyclopedia of Coastal Science. **2019**, 511-524
- 423 Riprap upgrade at WAC Bennett Dam in Canada. **2019**, 3043-3057
- 422 Applicability of Swash Model for Wave Field Data Reproduction in Namhangjin Coastal Area. **2020**, 945-951
- 421 Analysis of Cyclone Events in Bay of Bengal and Simulation of Storm Surge in Eastern Coast of Sri Lanka. **2020**, 1319-1326
- 420 Coral Distributions and Physical Environments in Sakiyama Bay. **2020**, 171-184
- 419 Numerical simulation for the effects of waves and grain size on deltaic processes and morphologies. **2020**, 12, 1286-1301 0
- 418 Improving the Simulation of Depth-induced Breaking in the Third-Generation Wave Model SWAN. **2020**, 16, 53-64
- 417 Analysis of Wave Fields under Tropical Cyclones in the South China Sea. **2020**, 99, 126
- 416 Assessment of HF Radar in Mapping Surface Currents under Different Sea States. **2020**, 37, 1403-1422 1
- 415 Wave-induced liquefaction hazard assessment and liquefaction depth distribution: A case study in the Yellow River Estuary, China. 569, 012011 0
- 414 Numerical Study of Longshore Variation in Beach Morphodynamics along Eastern Lake Erie Shoreline due to Seiche. **2020**, 37,
- 413 Modeling Untreated Wastewater Evolution and Swimmer Illness for Four Wastewater Infrastructure Scenarios in the San Diego-Tijuana (US/MX) Border Region. **2021**, 5, e2021GH000490 1
- 412 Assessing wind datasets and boundary conditions for wave hindcasting in the southern Brazil nearshore. **2021**, 159, 104972 0
- 411 Assessment on typhoon prevention capability of fishing port based on numerical model calculations. **2021**, 861, 072007 1
- 410 Modeling Marsh Dynamics Using a 3-D Coupled Wave-Flow-Sediment Model. **2021**, 8, 3
- 409 Wave Characteristics in Natuna Waters during Typhoon Hagibis Event. 618, 012001 1

- 408 Wave Forecasting Dependent from Bottom Roughness: The Case of the Marano and Grado Lagoon. 960, 032035
- 407 Seasonal wave characteristics in Southern Bali Waters in 2014. 618, 012002 1
- 406 Sediment pathways and morphodynamic response to a multi-purpose artificial reef âNew insights. 2022, 171, 104027 0
- 405 Decision tool for assessing marine finfish aquaculture sites in Southeast Asia. 2022, 371-387
- 404 Layout optimization of offshore wind farm considering spatially inhomogeneous wave loads. 2022, 306, 117947 2
- 403 PSEUDO GLOBAL WARMING EXPERIMENTS OF TYPHOON HAIYAN USING HIGH-RESOLUTION COUPLED ATMOSPHERE-OCEAN-WAVE MODEL. 2021, 77, I_985-I_990
- 402 APPLICABILITY OF A SIMPLE AND FAST WAVE ESTIMATION METHOD FOR SCREENING OF LOW-FREQUENCY HIGH WAVE EVENTS IN AN OPEN OCEAN. 2021, 77, I_97-I_102
- 401 Evaluating semi-empirical wave forecasting method CEM in the Strait of Hormuz. 2019, 3, 43-46 1
- 400 Wind wave characteristics of Lake Chaohu under the influence of typhoon. 2020, 32, 236-245
- 399 SIMULTANEITY AND DURATION OF HIGH WAVES AND STORM SURGE ON THE COAST OF OKINAWA ISLAND ESTIMATED BY USING A COUPLED OCEAN-WAVE MODEL. 2020, 76, I_216-I_221
- 398 STUDY ON DEVELOPMENT OF UNSTRUCTURED-GRID WAVE MODEL CONSIDERING INFLUENCE OF CURRENT TO WAVE. 2020, 76, I_211-I_216
- 397 Hydrodynamics and Sediment Transport at a Seasonal Inlet and Its Adjacent Beach: Cua Dai, Vietnam. 2020, 487-503
- 396 Mathematical simulation of the Ay-Todor bay wave regime. 2021, 27, 16-31
- 395 ERA5 ve ERA-INTERFORM RÂZGARLARI ÂLE Â ALIIRILAN SWAN MODEL SONUÂ PARININ PERFORMANS ANALIZI. 65-80
- 394 New wind-wave climate records in the Western Mediterranean Sea. 1 2
- 393 Wave Climate Associated With Changing Water Level and Ice Cover in Lake Michigan. 2021, 8, 2
- 392 Projecting the effects of land subsidence and sea level rise on storm surge flooding in Coastal North Carolina. 2021, 11, 21679 7
- 391 Assessment of Extreme Storm Surges over the Changjiang River Estuary from a WaveâCurrent Coupled Model. 2021, 9, 1222 0

- 390 Toward a Better Understanding of Sediment Dynamics as a Basis for Maintenance Dredging in Nagan Raya Port, Indonesia. **2021**, 6, 397 0
- 389 Verification of Forecast Performance of a Rapid Refresh Wave Model Based on Wind-Wave Interaction Effect. **2021**, 9, 1230
- 388 Improvement in the Sediment Management of a Lagoon Harbor: The Case of Marano Lagunare, Italy. **2021**, 13, 3074 1
- 387 Hydrodynamical and morphological patterns of a sandy coast with a beach nourishment suffering from a storm surge. 1-17
- 386 Wave Energy Dissipation in a Shallow Coral Reef Lagoon Using Marine X-Band Radar Data. **2021**, 126, e2020JC017094 0
- 385 Numerical Simulations in Coastal Hydraulics and Sediment Transport. **2005**, 149-162
- 384 WAVE CLIMATE OF THE BLACK SEA'S COASTAL WATERS DURING THE LAST THREE DECADES. **2017**, 1
- 383 Development of a submerged aquatic vegetation growth model in the Coupled Ocean-Atmosphere-Wave-Sediment Transport (COAWST v3.4) model. **2020**, 13, 5211-5228
- 382 Wave-Ice Interaction for Regional Applications: SWAN Developments and Validations. 0
- 381 Effect of Cold Front-Induced Waves Along Wetlands Boundaries. **2020**, 125, e2020JC016603
- 380 Validation of a Hydrodynamics and Sediment Transport Modeling Framework for the Evaluation of Offshore Wind Farms. **2020**, 54, 62-76
- 379 Effects of tidal currents on winter wind waves in the Qiongzhou Strait: a numerical study. **2020**, 39, 33-43 1
- 378 Predicting coastal impacts by wave farms: A comparison of wave-averaged and wave-resolving models. **2022**, 183, 764-780 3
- 377 A storm-induced flood and associated nearshore dispersal of the river-derived suspended Cs. **2021**, 816, 151573 1
- 376 Wind Features Extracted from Weather Simulations for Wind-Wave Prediction Using High-Resolution Neural Networks. **2021**, 9, 1257 0
- 375 Impacts of Momentum Fluxes Modulated by Surface Waves on Near-Inertial Motions in Tropical Cyclones. **2021**, 126, e2021JC017795
- 374 Quality of the Wind Wave Forecast in the Black Sea Including Storm Wave Analysis. **2021**, 13, 13099 3
- 373 Deriving the 100-Year Total Water Level around the Coast of Corsica by Combining Trivariate Extreme Value Analysis and Coastal Hydrodynamic Models. **2021**, 9, 1347 0

- 372 Cutting the costs of coastal protection by integrating vegetation in flood defences. **2021**, 12, 6533 4
- 371 Relocation of Dredged Material from Marano and Grado Lagoon: An Example of Sustainable Management. **2021**, 1203, 022104
- 370 Reduced order model for nonlinear multi-directional ocean wave propagation. **2021**, 33, 117115 0
- 369 Estimating Coastal Winds by Assimilating High-Frequency Radar Spectrum Data in SWAN. **2021**, 21, 1
- 368 Influence of Storm Tidal Current Field and Sea Bottom Slope on Coastal Ocean Waves during Typhoon Malakas. **2021**, 13, 4722
- 367 Climate Change Impacts on Wind Waves Generated by Major Tropical Cyclones off the Coast of New Jersey, USA. **2021**, 7, 0
- 366 Spatial calibration of an unstructured SWAN model forced with CFSR and ERA5 winds for the Black and Azov Seas. **2021**, 117, 102962 1
- 365 An Empirical Wind-Wave Model for Hurricane-Forced Wind Waves in the Caribbean Sea. **2021**, 8, e2021EA001956
- 364 Automated temporal tracking of coherently evolving density fronts in numerical models. **2021**,
- 363 Basin scale wind-wave prediction using empirical orthogonal function analysis and neural network models. **2021**, 8, 100032 0
- 362 Long-Term Morphodynamics of a Coupled Shelf-Shoreline System Forced by Waves and Tides, a Model Approach. **2021**, 126, e2021JF006315 0
- 361 INVESTIGATION OF PARAMETRIC MODELS FOR ATMOSPHERIC PRESSURE, WIND SPEED AND WAVE HEIGHT IN A TYPHOON. **2020**, 76, I_1477-I_1482
- 360 Impacts of wave-induced ocean surface turbulent kinetic energy flux on typhoon characteristics. 1-18
- 359 The influence of infragravity waves on the safety of coastal defences: a case study of the Dutch Wadden Sea. **2022**, 22, 1-22 0
- 358 Evaluation of wave retrieval for Chinese Gaofen-3 synthetic aperture radar. 1-15 2
- 357 Wave Climate and Trends for the Marine Experimental Station of Capo Tirone Based on a 70-Year-Long Hindcast Dataset. **2022**, 14, 163 1
- 356 Modelling of annual sand transports at the Dutch lower shoreface. **2022**, 217, 105984 1
- 355 A combined approach to cliff characterization: Cliff Stability index. **2022**, 444, 106706 0

354	SWAN SurfBeat-1D. 2022 , 172, 104068	1
353	Fortescue Inlet: Offshore Deposition Basins for Navigation Channel Management in Small Craft Inlets. 2022 , 148,	1
352	Modeling wave climates and wave energy attenuation in marsh terrace environments in the northern Gulf of Mexico. 2022 , 176, 106529	1
351	A Two-stage Automatic Latching System for The USVs Charging in Disturbed Berth. 2020 ,	1
350	Wave Height and Peak Wave Period Prediction Using Recurrent Neural Networks. 2020 ,	1
349	Preliminary Assessment of Wave Energy for Xisha Islands in the South China Sea. 2020 ,	
348	Forecasting: theory and practice. 2022 ,	31
347	Modeling of barrier breaching during Hurricanes Sandy and Matthew.	0
346	Modeling Decadal Salt Marsh Development: Variability of the Salt Marsh Edge Under Influence of Waves and Sediment Availability. 2022 , 58,	1
345	Impact of Flash Flood Events on the Coastal Waters Around Madeira Island: The "Land Mass Effect" 2022 , 8,	0
344	Sediment budget of a cusped shoreline and its influence on spit development - Lagoa dos Patos, Brazil. 2022 , 42, 1	
343	Reconsideration of wind stress, wind waves, and turbulence in simulating wind-driven currents of shallow lakes in the Wave and Current Coupled Model (WCCM) version 1.0. 2022 , 15, 745-769	0
342	Wave-influenced deposition of carbonate-rich sediment on the insular shelf of Santa Maria Island, Azores.	1
341	Development of a 2-D deep learning regional wave field forecast model based on convolutional neural network and the application in South China Sea. 2022 , 118, 103012	2
340	Increase in overtopping rate caused by local gust-winds during the passage of a typhoon. 1-19	
339	Accurate storm surge forecasting using the encoder-decoder long short term memory recurrent neural network. 2022 , 34, 016601	2
338	Impacts of Hurricane Irma (2017) on wave-induced ocean transport processes. 2022 , 171, 101947	0
337	Dynamics of Nearshore Waves during Storms: Case of the English Channel and the Normandy Coasts. 2022 , 14, 321	

- 336 Design Considerations for Brushwood Fences Concerning Bathymetry and Fence Locations. **2022**, 238-245
- 335 A Deep Learning Approach for Wave Forecasting Based on a Spatially Correlated Wind Feature, with a Case Study in the Java Sea, Indonesia. **2022**, 7, 39 1
- 334 A Bio-inspired Simultaneous Surface and Underwater Risk Assessment Method Based on Stereo Vision for USVs in Nearshore Clean Waters. **2022**, 1-1 0
- 333 Modeling the Morphodynamic Response of Estuarine Intertidal Shoals to Sea-Level Rise. **2022**, 127, 1
- 332 The Impact of Typhoon Intensity on Wave Height and Storm Surge in the Northern East China Sea: A Comparative Case Study of Typhoon Muifa and Typhoon Lekima. **2022**, 10, 192
- 331 ArcWaT: a model-based cell-by-cell GIS toolbox for estimating wave transformation during storm surge events. 1-24
- 330 Equilibrium planform of pocket beaches behind breakwater gaps: On the location of the intersection point. **2022**, 173, 104096 1
- 329 Predicting compound coastal inundation in 2100 by considering the joint probabilities of landfalling tropical cyclones and sea level rise. 2
- 328 Performance assessment of a Persian Gulf wind and wave forecasting system. 1-22
- 327 Numerical simulations of wave climate in the Baltic Sea: a review. **2022**, 1
- 326 Rip current occurrences in meso tidal surf zones at a coastal stretch along the central west coast of India. **2022**, 51, 102180 0
- 325 Wave storm events in the Western Mediterranean Sea over four decades. **2022**, 170, 101933 1
- 324 Wave-induced sediment and rhodolith mobility on a narrow insular shelf dominated by wave variability (Fernando de Noronha Archipelago, Brazil). **2022**, 235, 104662
- 323 Marine aquaculture in the pacific coast of Costa Rica: Identifying the optimum areas for a sustainable development. **2022**, 219, 106033 0
- 322 Downdrift Port Siltation Adjacent to a River Mouth: Mechanisms and Effects of Littoral Sediment Transport to the Navigation Channel. **2022**, 148,
- 321 Ensemble technique application to an XBeach-based coastal Early Warning System for the Northwest Adriatic Sea (Emilia-Romagna region, Italy). **2022**, 173, 104081 0
- 320 Wave and tidally driven flow dynamics within a coral reef atoll off northwestern Australia. 0
- 319 GIS and Wave Modeling for Establishing a Potential Area of Aquaculture—Case Study: Central Atlantic Part of the Moroccan Coast. **2022**, 7, 67

318	How Much Marsh Restoration Is Enough to Deliver Wave Attenuation Coastal Protection Benefits?. 2022 , 8,	
317	Characteristics of Swell-like Waves in the East Coast of Korea Using Atmospheric and Wave Hindcast Data. 2022 , 13, 286	0
316	Representation of three-hour offshore short-crested wave field in the fully nonlinear potential flow model REEF3D::FNPF. 1-12	
315	Wave attenuation through forests under extreme conditions.. 2022 , 12, 1884	3
314	The longevity of subtidal mussel beds in the Dutch Wadden Sea. 2022 , 181, 102174	0
313	Multi-step forecasting of ocean wave height using gate recurrent unit networks with multivariate time series. 2022 , 248, 110689	1
312	Spatial wave assimilation by integration of artificial neural network and numerical wave model. 2022 , 247, 110752	
311	Generation of unstructured meshes using Delaunay triangles for tidal analysis of the port of Acapulco, Mexico. 20-27	0
310	Numerical Simulation of Storm Waves during Typhoon Maysak and Haishen in the Korean Peninsula. 2022 , 9, 43-59	
309	Meteorological-hydrodynamic model coupling for safe inland navigation of waterway stretches in dam reservoirs, using a scarce database. 27,	
308	Study Methods and Techniques. 2022 , 51-71	
307	Swell Conditions at Potential Sites for the Colombian Antarctic Research Station. 2022 , 14, 2318	0
306	Typhoon-induced wind waves in the northern East China Sea during two typhoon events: the impact of wind field and wave-current interaction. 1	1
305	Wave Hindcasting in the Southeastern Coast of Iran. 2022 , 56, 83-97	
304	The Hellenic Marine Observing, Forecasting and Technology System—An Integrated Infrastructure for Marine Research. 2022 , 10, 329	0
303	Impact of highest maximum sustained wind speed and its duration on storm surges and hydrodynamics along Krishna—Godavari coast. 1	
302	An automatic lake-model application using near-real-time data forcing: development of an operational forecast workflow (COASTLINES) for Lake Erie. 2022 , 15, 1331-1353	1
301	The Wave Climate of the Sea of Azov. 2022 , 14, 555	1

300	An Initial Field Intelligent Correcting Algorithm for Numerical Forecasting Based on Artificial Neural Networks under the Conditions of Limited Observations: Part I—Focusing on Ocean Temperature. 2022 , 10, 311	1
299	Implications of Coastal Conditions and Sea-Level Rise on Mangrove Vulnerability: A Bio-Morphodynamic Modeling Study. 2022 , 127,	0
298	Improved wave predictions with ST6 Physics and ADCIRC+SWAN. 2022 , 59-61	1
297	Coastal marshes provide valuable protection for coastal communities from storm-induced wave, flood, and structural loss in a changing climate.. 2022 , 12, 3051	1
296	Modelling the Effect of “Roller Dynamics” on Storm Erosion: Sylt, North Sea. 2022 , 10, 305	1
295	Future Flood Risk Exacerbated by the Dynamic Impacts of Sea Level Rise Along the Northern Gulf of Mexico.	3
294	Rising sea level and increasing tropical cyclone frequency are threatening the population of San Andrés Island, Colombia, western Caribbean.	0
293	Wave Hindcast in Enclosed Basins: Comparison among SWAN, STWAVE and CMS-Wave Models. 2022 , 14, 1087	0
292	Hurricane wind-driven surface waves on a narrow continental shelf and exposed coast. 2022 , 237, 104681	0
291	The effect of Oceanic South Atlantic Convergence Zone episodes on regional SST anomalies: the roles of heat fluxes and upper-ocean dynamics. 1	1
290	The Impact of a Reduced High-Wind Charnock Parameter on Wave Growth With Application to the North Sea, the Norwegian Sea, and the Arctic Ocean. 2022 , 127,	1
289	Development of a coupled genetic algorithm and empirical typhoon wind model and its application. 2022 , 248, 110723	
288	Estuarine retention of larvae: Contrasting effects of behavioral responses to turbulence and waves.	2
287	A sensitivity study of rising compound coastal inundation over large flood plains in a changing climate.. 2022 , 12, 3403	0
286	Numerical Simulation and Observational Data Analysis of Mesoscale Eddy Effects on Surface Waves in the South China Sea. 2022 , 14, 1463	2
285	Cross-Shore Distribution of the Wave-Induced Circulation Over a Dissipative Beach Under Storm Wave Conditions. 2022 , 127,	2
284	The role of morphodynamics in predicting coastal flooding from storms on a dissipative beach with sea level rise conditions. 2022 , 22, 713-728	1
283	Integration of data-driven and physics-based modeling of wind waves in a shallow estuary. 2022 , 172, 101978	0

- 282 Ancient Winds, Waves, and Atmosphere in Gale Crater, Mars, Inferred from Sedimentary Structures and Wave Modeling. 2
- 281 Seasonal response of a composite beach in relation to wave climate. **2022**, 108245
- 280 Complex drivers of reef-fronted beach change. **2022**, 446, 106770 0
- 279 Impacts of sea level rise and typhoon intensity on storm surges and waves around the coastal area of Qingdao. **2022**, 249, 110953 0
- 278 Geomorphological modeling of tidal inlets for sustainable deltaic lagoon management: A case study from the Po River delta, Italy. **2022**, 220, 106081
- 277 The wave climate of Bass Strait and South-East Australia. **2022**, 172, 101980 0
- 276 Applicability Study of a Global Numerical Weather Prediction Model MPAS to Storm Surges and Waves in the South Coast of Korea. **2022**, 13, 591 0
- 275 Trends in the Climatology of Winter Wind Wave Heights in a Back-Barrier Bay in Western North Atlantic Ocean. **2022**, 148,
- 274 Beach morphodynamic classification using high-resolution nearshore bathymetry and process-based wave modelling. **2022**, 268, 107812 1
- 273 Shoreline variability and coastal vulnerability: Mossel Bay, South Africa. **2022**, 268, 107789 0
- 272 A flexible fully nonlinear potential flow model for wave propagation over the complex topography of the Norwegian coast. **2022**, 122, 103103 0
- 271 A punctuated equilibrium model for storm response of geologically controlled beaches: Application to western Portuguese beaches. **2022**, 404, 108184 0
- 270 Wave energy converters design combining hydrodynamic performance and structural assessment. **2022**, 249, 123641 0
- 269 Joint exploitation potential of offshore wind and wave energy along the south and southeast coasts of China. **2022**, 249, 123710 1
- 268 Equilibrium planform of pocket beaches behind breakwater gaps: On the shape of the equilibrium shoreline.. **2022**, 174, 104112 0
- 267 Karadenizâh ffrñalñdaki uzun d^ ñemli (1979-2019) deñimler. 0
- 266 Wave-Current Interactions During Hurricanes Earl and Igor in the Northwest Atlantic. **2021**, 126, 2
- 265 Numerical Study on Spatio-Temporal Distribution of Cold Front-Induced Waves along the Southeastern Coast of China. **2021**, 9, 1452 0

- 264 Stormier mid-Holocene southwest Indian Ocean due to poleward trending tropical cyclones. **2022**, 15, 60-66 0
- 263 Wave Height Prediction Suitable for Maritime Transportation Based on Green Ocean of Things. **2022**, 1-1
- 262 Floating wind turbines: marine operations challenges and opportunities. **2022**, 7, 903-924 1
- 261 Modeling waves over the Changjiang River Estuary using a high-resolution unstructured SWAN model. **2022**, 102007 0
- 260 Depth Inversion from Wave Frequencies in Temporally Augmented Satellite Video. **2022**, 14, 1847
- 259 Multifidelity computer model emulation with high-dimensional output: An application to storm surge. 0
- 258 Data_Sheet_1.docx. **2019**,
- 257 Table_1.xlsx. **2019**,
- 256 Data_Sheet_1.pdf. **2020**,
- 255 Image_1.TIFF. **2020**,
- 254 Image_2.TIFF. **2020**,
- 253 Image_3.TIFF. **2020**,
- 252 Simulation Study of Disastrous Waves Along Indonesian Offshore and Coast Under Roaring Forties and Tropical Cyclones. **2022**, 21, 80-91
- 251 Wave Energy Potential Analysis in the Casablanca-Mohammedia Coastal Area (Morocco). **2022**, 21, 92-101 1
- 250 Emerging Downdrift Erosion by Twin Long-Range Jetties on an Open Mesotidal Muddy Coast, China. **2022**, 10, 570 0
- 249 Wave downscaling strategies for practical wave agitation studies in harbours. **2022**, 104140 0
- 248 Assimilating Near-Surface Wind Retrievals from High-Frequency Radars. **2022**, 39, 513-527 0
- 247 Numerical Simulations of Coastal Overwash Using A Phase-Averaged WaveâCurrentâSediment Transport Model. **2022**, 36, 191-207 0

- 246 Climatic Impacts of Wind-Wave-Wake Interactions in Offshore Wind Farms. **2022**, 10,
- 245 The effect of changing sea ice on wave climate trends along Alaska’s central Beaufort Sea coast. **2022**, 16, 1609-1629 1
- 244 Physics of Cohesive Sediment Flocculation and Transport: State-of-the-Art Experimental and Numerical Techniques.
- 243 Intercomparing atmospheric reanalysis products for hydrodynamic and wave modeling of extreme events during the open-water Arctic season. **2022**, 54, 125-146
- 242 Hybrid multi-grid parallelization of WAVEWATCH III model on spherical multiple-cell grids. **2022**, 0
- 241 Suppression of Wind Waves in the Presence of Swell: A Physical Modelling Study. 1
- 240 Following the Sand Grains. **2022**, 10, 631 0
- 239 A New Geographic Transfer Method of Wave Data. **2022**, 38,
- 238 Numerical study of a CNN-based model for regional wave prediction. **2022**, 255, 111400 0
- 237 A new method for parameterization of wave dissipation by sea ice. **2022**, 199, 103582 0
- 236 Wave Climate and the Effect of Induced Currents over the Barrier Reef of the Cays of Albuquerque Island, Colombia. **2022**, 14, 6069
- 235 Assessment of the Role of Nearshore Marine Ecosystems to Mitigate Beach Erosion: The Case of Negril (Jamaica). **2022**, 9, 62
- 234 Nearshore processes along the Vengurla Coast: An analysis based on measured, modeled, and Reanalysis Data. **2022**,
- 233 Characterizing storm-induced coastal change hazards along the United States West Coast. **2022**, 9, 1
- 232 Evaluation of the performance of a dynamic wave climate ensemble simulated using with EURO-CORDEX winds in the Black Sea and Sea of Azov. 0
- 231 Wave forecasting within a port using WAVEWATCH III and artificial neural networks. **2022**, 255, 111475 0
- 230 Investigation of Barrier Island Highway and Marsh Vulnerability to Bay-Side Flooding and Erosion. **2022**, 10, 734 0
- 229 Estimating tropical cyclone-induced wind, waves, and surge: A general methodology based on representative tracks. **2022**, 104154 0

- 228 ROMSPath v1.0: offline particle tracking for the Regional Ocean Modeling System (ROMS). **2022**, 15, 4297-4311
- 227 Slope and Bottom Friction Impacts on Wave Attenuation from Living Shorelines. **2022**,
- 226 Importance of Air-Sea Coupling in Simulating Tropical Cyclone Intensity at Landfall. 2
- 225 Spatial calibration of WAVEWATCH III model against satellite observations using different input and dissipation parameterizations in the Black Sea. **2022**, 257, 111627 1
- 224 Connecting Weather and Hazard: A Partnership of Physical Scientists in Connected Disciplines. **2022**, 149-200
- 223 Assessing the Coastal Protection Role of Seagrass Meadows Along a Barrier Beach, Southern Romanian Coast.
- 222 Simulating Sedimentation on the Great Bahama Bank âSources, Sinks and Storms. 1
- 221 Ocean Waves in the South Pacific: Complementarity of SWIM and SAR Observations. **2022**, 9, 1
- 220 Tropical cyclone-induced wave hazard assessment in Hainan Island, China.
- 219 A Numerical Investigation of the Effect of Wave-induced Mixing on Tropical Cyclones using a Coupled Ocean-Atmosphere-Wave Model. 1
- 218 Assessing Wave Attenuation With Rising Sea Levels for Sustainable Oyster Reef-Based Living Shorelines. 8,
- 217 Generating reliable estimates of tropical-cyclone-induced coastal hazards along the Bay of Bengal for current and future climates using synthetic tracks. **2022**, 22, 1863-1891 1
- 216 Development of a hybrid wind field for modeling the tropical cyclone wave field. **2022**, 245, 104788 1
- 215 The near future expected wave power in the coastal environment of the Iberian Peninsula. **2022**, 195, 657-669 0
- 214 STG-OceanWaveNet: Spatio-temporal geographic information guided ocean wave prediction network. **2022**, 257, 111576
- 213 Data-driven modeling of wind waves in upper Delaware Bay with living shorelines. **2022**, 257, 111669 0
- 212 Wave energy converter array layout optimization: A critical and comprehensive overview. **2022**, 167, 112668 1
- 211 Application of Swan Model for Wave Forecasting in the Southern Baltic Sea Supplemented with Measurement and Satellite Data.

210	Evaluation of Implicit and Explicit Wave Dissipation Models for Submerged and Emergent Aquatic Vegetation. 2022 , 38,	
209	Estimating the Different Return Periods of Storm Impact Regimes on Beach and Fore-dune Systems Based in Hindcast Data: Applications to Exposed and Sheltered Beaches of Santa Catarina Island, Brazil. 2022 , 38,	
208	A Generalized Two-scale Approximation for Ocean Wave Models. 9,	1
207	Sediment transfer from shelf to deepwater slope: How does it happen?. 2022 , 92, 570-590	1
206	Reconstruction of Directional Spectra of Infragravity Waves.	
205	Seasonal growth and senescence of seagrass alters sediment accumulation rates and carbon burial in a coastal lagoon.	
204	River plume modulation by infragravity wave forcing.	0
203	Sediment accretion in a lower-energetic location during two consecutive cold fronts. 1-11	0
202	The opportunity of using wave energy converters in a Mediterranean hot spot. 2022 ,	0
201	Feasibility study on utilizing oscillating wave surge converters (OWSCs) in nearshore regions, case study: Along the southeastern coast of Iran in Oman sea. 2022 , 367, 133090	0
200	Reconstruction of nearshore wave fields based on physics-informed neural networks. 2022 , 176, 104167	0
199	A Digital Twin modelling framework for the assessment of seagrass Nature Based Solutions against storm surges. 2022 , 157603	2
198	Phase-resolved real-time ocean wave prediction with quantified uncertainty based on variational Bayesian machine learning. 2022 , 324, 119711	0
197	Modeling of Coastal Erosion in Exposed and Groin-Protected Steep Beaches. 2022 , 148,	
196	Impacts of wave feedbacks and planetary boundary layer parameterization schemes on air-sea coupled simulations: A case study for Typhoon Maria in 2018. 2022 , 278, 106344	0
195	Deterministic wave prediction model for irregular long-crested waves with Recurrent Neural Network. 2022 ,	1
194	Trend detection by innovative polygon trend analysis for winds and waves. 9,	0
193	The Importance of Storm Surge for Sediment Delivery to Microtidal Marshes.	0

- 192 Numerical study of storm surge-induced coastal inundation in Laizhou Bay, China. 9, ○
- 191 Wave Energy Resource Assessment for Small-Scale WEC near a Harbour. **2022**, 10, 1081 ○
- 190 Coupling a Parametric Wave Solver into a Hydrodynamic Circulation Model to Improve Efficiency of Nested Estuarine Storm Surge Predictions. **2022**, 10, 1117
- 189 Analysis of current influence on the wind wave parameters in the Black Sea based on SWAN simulations. 1
- 188 Sea Spray Impacts on Tropical Cyclone Olwyn Using a Coupled Atmosphere-Ocean-Wave Model. **2022**, 127, ○
- 187 Spatio-temporal variability of mean wave energy flux in the Caribbean Sea.
- 186 Investigation of Ocean Sub-Surface Processes in Tropical Cyclone Phailin Using a Coupled Modeling Framework: Sensitivity to Ocean Conditions. **2022**, 3, 364-388 ○
- 185 Hydrodynamic drivers of fine-scale connectivity within a coral reef atoll. ○
- 184 Sensitivities in Wind Driven Spectral Wave Modelling for the Belgian Coast. **2022**, 10, 1138
- 183 Modelling morphodynamic responses of a natural embayed beach to Typhoon Lekima encountering different tide types. **2022**, 5, ○
- 182 Sediment Transport Modeling Based on Geological Data for Holocene Coastal Evolution: Wave Source Estimation of Sandy Layers on the Coast of Hidaka, Hokkaido, Japan. **2022**, 127, ○
- 181 Assessment of allowable sea states for offshore wind turbine blade installation using time-domain numerical models and considering weather forecast uncertainty. **2022**, 260, 111801
- 180 Improvements in wind field hindcast for storm surge predictions in the Bay of Bengal: A case study for the tropical cyclone Varadah. **2022**, 127, 103324
- 179 A WAVEWATCH III³ model approach to investigating ocean wave source terms for West Africa: Non-linear wave-wave interaction source terms. **2022**, 127, 103289
- 178 A novel system for in-situ, wave-by-wave measurements of the speed and volume of coastal overtopping.. ○
- 177 Impacts of Sea Level Rise on wave overtopping rates around the coast of England. 1-24 ○
- 176 On the role of wave breaking in ocean dynamics under typhoon Matsa in the Bohai Sea, China. **2022**, 41, 1-18 ○
- 175 Field Study of Longshore Sediment Transport Rate Estimation over the Newly-Developed Coastline of Northern Oman Sea. ○

174	Spatial-temporal distribution of tropical cyclone activity on the eastern sea area of China since the late 1940s. 2022 , 277, 108067	0
173	WRF-CFD/CSD analytical method of hydroelastic responses of ultra-large floating body on maritime airport under typhoon-wave-current coupling effect. 2022 , 261, 112022	1
172	Combined effects of waves and tides on bottom sediment resuspension in the southern Yellow Sea. 2022 , 452, 106892	1
171	Windâwave characterization and modeling in the Azores Archipelago. 2022 , 263, 112395	1
170	A modified breaker index formula for depth-induced wave breaking in spectral wave models. 2022 , 264, 112527	0
169	Assessing Long Short-Term Memory Network Significant Wave Height Forecast Efficacy in the Caribbean Sea and Atlantic Ocean.	0
168	Field Surveys and Numerical Simulations of Beach Scarp in Niigata Coast, Japan. 2022 ,	0
167	State of the practice and engineering framework for using emergent vegetation in coastal infrastructure. 8,	1
166	Suspended sediment dynamics in macrotidal turbid Hangzhou Bay during Typhoon Chan-hom. 10,	1
165	Effect of Mo.S.E. Closures on Wind Waves in the Venetian Lagoon: In Situ and Numerical Analyses. 2022 , 14, 2579	0
164	Learning the Spatiotemporal Evolution Law of Wave Field Based on Convolutional Neural Network. 2022 , 21, 1109-1117	0
163	A Sea Level Rise Resilient Design for the Royal Hawaiian Groin, Waikiki, Hawaii. 2022 ,	0
162	Coupled modelling of storm surge, circulation and surface waves in a large stratified lake. 2022 ,	0
161	An Improved Approach to Wave Energy Resource Characterization for Sea States with Multiple Wave Systems. 2022 , 10, 1362	0
160	On the reef scale hydrodynamics at Sodwana Bay, South Africa.	0
159	The utilization of physically based models and GIS techniques for comprehensive risk assessment of storm surge: A case study of Huizhou. 9,	1
158	An Improved Sea Spray-Induced Heat Flux Algorithm and Its Application in the Case Study of Typhoon Mangkhut (2018). 2022 , 10, 1329	0
157	Wave Enhanced Overtides in an Idealized Tidal Inlet System. 2022 , 127,	0

- 156 Phase-resolved ocean wave forecast with simultaneous current estimation through data assimilation. **2022**, 949, 0
- 155 Numerical Simulation and Analysis of Water and Suspended Sediment Transport in Hangzhou Bay, China. **2022**, 10, 1248 1
- 154 Integrated River-Estuary Modeling to Assess Spawning and Habitation Area for Caspian WhiteFish in Response to Upstream Pollution Sources (Case Study: Tajan River Estuary). **2022**, 16, 0
- 153 Global extreme wave estimates and their sensitivity to the analysed data period and data sources. 0
- 152 Study of Shoreline Changes Through Digital Shoreline Analysis System and Wave Modeling: Case of the Sandy Coast of Bou-Ismaïl Bay, Algeria. **2022**, 57, 493-527 0
- 151 A Numerical reassessment of the Gulf of Mexico carbon system in connection with the Mississippi River and global ocean. **2022**, 19, 4589-4618 0
- 150 Coarse-Clast Storm Deposit and Solitary Boulders on the Island of Mana (NP Kornati, Central Adriatic, Croatia). **2022**, 12, 355 0
- 149 Assessment of the variation of failure probability of upgraded rubble-mound breakwaters due to climate change. 9, 0
- 148 Hydrodynamics of a tidal inlet under gray to green coastal protection interventions. 10, 0
- 147 Measuring Estuarine Total Exchange Flow from Discrete Observations. 1
- 146 Performance of different input and dissipation packages in WAVEWATCH III model during tropical cyclones. **2022**, 34, 107102 0
- 145 Chenier Formation Through Wave Winnowing and Tides. 0
- 144 A significant wave height prediction method based on deep learning combining the correlation between wind and wind waves. 9, 0
- 143 Impact of Horizontal Resolution (Submesoscale Permitting vs. Mesoscale Resolving) on Ocean Dynamic Features in the South China Sea. **2022**, 9, 0
- 142 Phase-resolved modeling of wave interference and its effects on nearshore circulation in a large ebb shoal-beach system. 0
- 141 Energy assessment of potential locations for OWC instalation at the Portuguese coast. **2022**, 200, 37-47 0
- 140 Coastal distributions of design environmental loads in typhoon-affected sea area based on the trivariate joint distribution and environmental contour method. **2022**, 178, 104221 0
- 139 WAVE FORECASTING COMBINING PHYSICAL BASED MODEL AND DEEP LEARNING. **2022**, 78, 1_961-1_966 0

- 138 IMPACT OF CYGNSS LEVEL-2 DERIVED WIND FIELDS ON STORM SURGE MODELING. **2022**, ○
- 137 Regional wave climate projections forced by EURO-CORDEX winds for the Black Sea and Sea of Azov towards the end of the 21st century. ○
- 136 Integrated Approach for Estimating Extreme Hydrodynamic Loads on Elevated Pile Cap Foundation using Environmental Contour of Simulated Typhoon Wave, Current and Surge Conditions. 1-36 ○
- 135 Geomorphological response of sandy beach to tropical cyclones with different characteristics. 9, ○
- 134 Impacts of Model Resolution and Ocean Coupling on Mean and Eddy Momentum Transfer During the Rapid Intensification of Super Typhoon Muifa (2011). ○
- 133 On the projected changes in New Zealand's wave climate and its main drivers. 1-38 ○
- 132 Study on the influence range of tropical cyclones on ocean waves. **2022**, 266, 112864 ○
- 131 Forecasting of typhoon wave based on hybrid machine learning models. **2022**, 266, 112934 ○
- 130 Prediction of significant wave height in hurricane area of the Atlantic Ocean using the Bi-LSTM with attention model. **2022**, 266, 112747 2
- 129 Wave climate projection in the Persian Gulf: An ensemble of statistically downscaled CMIP6-GCMs. **2022**, 266, 112821 ○
- 128 Assessment of the use of scatterometer wind data to force wave models in the North Atlantic Ocean. **2022**, 266, 112803 ○
- 127 Experimental study on the growth and conversion of duration- and fetch-limited wind waves in water of finite depth. **2022**, 266, 113020 ○
- 126 Influence of sea surface wave-dependent roughness on summer precipitation over the Southeastern United States. **2022**, 206, 105209 ○
- 125 Mediterranean observing and forecasting systems. **2023**, 335-386 ○
- 124 Comparison of deep-water-parameter-based wave overtopping with wirewall field measurements and social media reports at Crosby (UK). **2023**, 179, 104241 ○
- 123 Surface wave and sea surface dynamics in the Mediterranean. **2023**, 161-207 ○
- 122 Variations of suspended sediment transport caused by changes in shoreline and bathymetry in the Zhujiang (Pearl) River Estuary in the wet season. **2022**, 41, 54-73 ○
- 121 Field observations and numerical modeling of swash motions at an engineered embayed beach under moderate to energetic conditions. **2022**, 108143 ○

- 120 Numerical Simulation Study on Interactions between the Wave and Newborn Sandbank in the Xisha Islands of the South China Sea. **2022**, 14, 3566 ○
- 119 Loss of reef roughness increases residence time on an idealized coral reef. **2022**, 12, ○
- 118 Significant Wave Height Prediction in the South China Sea Based on the ConvLSTM Algorithm. **2022**, 10, 1683 1
- 117 A Numerical Investigation of Hurricane Florence-induced Compound Flooding in the Cape Fear Estuary using a Dynamically Coupled Hydrological-Ocean Model. ○
- 116 The effect of waves in hydrodynamics, stratification, and salt wedge intrusion in a microtidal estuary. 9, ○
- 115 Neglecting the effect of long- and short-term erosion can lead to spurious coastal flood risk projections and maladaptation. **2022**, 104248 ○
- 114 Machine learning-based assessment of storm surge in the New York metropolitan area. **2022**, 12, ○
- 113 A Model Sensitivity Study of Ocean Surface Wave Modulation Induced by Internal Waves. **2022**, 9, ○
- 112 Modeling the hydrodynamics of a tidal inlet during bay-side storms. **2022**, 108145 ○
- 111 Underwater Cultural heritage risk assessment methodology for wave-induced hazards: The showcase of the Bay of Cadiz. 9, ○
- 110 Analysis of Komen scheme in the SWAN model for the whitecapping dissipation during the tropical cyclone. **2022**, 266, 113060 ○
- 109 A significant wave height forecast framework with end-to-end dynamic modeling and lag features length optimization. **2022**, 266, 113037 ○
- 108 In situ coastal observations of wave homogeneity and coherence. **2022**, 129, 103390 ○
- 107 Cambios recientes de la línea de costa entre Bocas de Ceniza y Puerto Velero (Atlántico, Colombia). **2022**, 43, ○
- 106 OSP-FEAN: Optimizing Significant Wave Height Prediction with Feature Engineering and Attention Network. **2022**, ○
- 105 Ocean state projections: A review of the West African marine environment. **2022**, 26, ○
- 104 Nearshore Wave Energy Resource Assessment for Off-Grid Islands: A Case Study in Cuyo Island, Palawan, Philippines. **2022**, 15, 8637 ○
- 103 Hydromorphological management of a lengthy coastal strip in the presence of natural coral reefs flocs in the red sea. **2022**, 106424 ○

102	Habitat suitability modelling to improve understanding of seagrass loss and recovery and to guide decisions in relation to coastal discharge. 2023 , 186, 114370	0
101	Effect of wave spectral variability on the dynamic response of offshore wind turbine considering soil-pile-structure interaction. 2023 , 267, 113222	1
100	Dynamics of wave generation and dissipation processes during cold wave events in the Bohai Sea. 2023 , 280, 108161	0
99	Whitecapping term analysis of extreme wind wave modelling considering spectral characteristics and water depth. 2023 , 254, 104909	0
98	Learning wave fields evolution in North West Pacific with deep neural networks. 2023 , 130, 103393	0
97	Climatic directional wave spectra in coastal sites. 2023 , 180, 104255	0
96	Multimodal harbor wave climate characterization based on wave agitation spectral types. 2023 , 180, 104271	0
95	Global Sensitivity and Uncertainty Analysis of a Coastal Morphodynamic Model Using Polynomial Chaos Expansions.	0
94	Morphodynamic Modelling in Marine Environments: Model Formulation and Solution Techniques. 2022 , 243-285	0
93	Wave forecasts in the proximity of a harbour area based on artificial neural networks. 2022 ,	0
92	Artificial Neural Networks for the forecasting of wave climate in proximity of harbour area. 2022 ,	0
91	Storm Wave Modeling in the Gulf of Mexico using nested WAVEWATCH III Model: A Case Study for Hurricane Ida (2021). 2022 ,	0
90	Accuracy of numerical wave model results: application to the Atlantic coasts of Europe. 2022 , 18, 1665-1689	0
89	Spectral wave energy period and peak period statistics concomitant with maximum significant wave heights. 2022 , 104260	0
88	A New Sea Surface Roughness Parameterization and Its Application in Tropical Cyclone Modeling. 2022 , 127,	0
87	Performance of ERA5 winds on computed storm surge and wave-current interaction using a coupled model during Ockhi cyclone.	0
86	Modelling of a Wave Energy Converter Impact on Coastal Erosion, a Case Study for Palm Beach-Azur, Algeria. 2022 , 14, 16595	0
85	A space-time mosaic of seawater carbonate chemistry conditions in the north-shore Moorea coral reef system. 9,	0

- 84 An Integrated Approach to Assessing the Wave Potential for the Energy Supply of Ports: A Case Study. **2022**, 10, 1989 ○
- 83 Assessing the coastal protection role of seagrass meadows along a barrier beach, southern Romanian coast. **2022**, 102329 ○
- 82 Wave Transformation behind a Breakwater in Jukbyeon Port, Korea—A Comparison of TOMAWAC and ARTEMIS of the TELEMAC System. **2022**, 10, 2032 ○
- 81 A Modified Frequency Distribution Function of Wave-Breaking-Induced Energy Dissipation. **2022**, 127, ○
- 80 Skewness Bias the Level of the Sea of Azov. **2023**, 449-457 ○
- 79 Application of SWAN model for wave forecasting in the southern Baltic Sea supplemented with measurement and satellite data. **2023**, 105624 ○
- 78 Assessing the Impact of Storm Surges in Coastal Regions by Integrating Hydrodynamic and Wave Model With GIS. ○
- 77 The Feasibility of the ERA5 Forced Numerical Wave Model in Fetch-Limited Basins. **2023**, 11, 59 1
- 76 Water Exchange Due to Wind and Waves in a Monsoon Prevailing Tropical Atoll. **2023**, 11, 109 ○
- 75 High-resolution wave data for improving marine habitat suitability models. 9, ○
- 74 Global sensitivity and uncertainty analysis of a coastal morphodynamic model using Polynomial Chaos Expansions. **2023**, 160, 105611 ○
- 73 A MATLAB toolbox for analysis of the environmental matrix in open seas and coastal areas. **2022**, 7, 349-362 ○
- 72 Wave Regime of Vietnamese Waters on the Basis of Numerical Modeling and Field Measurements. **2022**, 1-13 ○
- 71 Research on the influential characteristics of asymmetric wind fields on typhoon waves. 10, ○
- 70 Modelación numérica de la trayectoria del sargazo pelágico utilizando ecuaciones Brownianas con aplicación a las aguas de la Península de Yucatán, México. **2023**, 27, 45-58 ○
- 69 Editorial: Offshore wind energy: Modeling and measurements. 11, ○
- 68 Near-Continuous Monitoring of a Coastal Salt Marsh Margin: Implications for Predicting Marsh Edge Erosion. ○
- 67 Digital Elevation Model Development Of The Volga And Don RiverâDelta And Application In Hydrological Modeling. **2023**, 15, 181-187 1

- 66 Coral distribution and diversity in SakiyamawanâAmitoriwan nature conservation area of Iriomote Island in Japan. **2023**, 10, o
- 65 ISP-FESAN: Improving Significant Wave Height Prediction with Feature Engineering and Self-attention Network. **2023**, 15-27 o
- 64 Suspended sediment dynamics and influencing factors during typhoons in Hangzhou Bay, China. **2023**, 6, o
- 63 A review on the progress and research directions of ocean engineering. **2023**, 272, 113617 o
- 62 Non-Hydrostatic Modelling of Coastal Flooding in Port Environments. **2023**, 11, 575 o
- 61 Simulating Meteorological and Water Wave Characteristics of Cyclone Shaheen. **2023**, 14, 533 o
- 60 Reproducible and relocatable regional ocean modelling: fundamentals and practices. **2023**, 16, 1481-1510 o
- 59 An improved azimuth-dependent Holland model for typhoons along the Zhejiang coast prior to landfall based on WRFâARW simulations. o
- 58 Genetic Algorithm and Deep Learning Models Compared for Swell Wave Height Prediction. **2023**, 101365 o
- 57 Characterising the wave energy resource of Lanzarote, Canary Islands. **2023**, 206, 1198-1211 o
- 56 A practical method for modeling temporally-averaged ocean wave frequency-directional spectra for characterizing wave energy climates. **2023**, 207, 499-511 o
- 55 Hindcasting and predicting surge heights and waves on the Taiwan coast using a hybrid typhoon wind and tide-surge-wave coupled model. **2023**, 276, 114208 o
- 54 Benchmarking a two-way coupled coastal waveâcurrent hydrodynamics model. **2023**, 183, 102193 o
- 53 Wave field predictions using a multi-layer perceptron and decision tree model based on physical principles: A case study at the Pearl River Estuary. **2023**, 277, 114246 o
- 52 Spectral wave modeling of bimodal sea states at laboratory and coastal scales. **2023**, 183, 102182 o
- 51 Modelling beach morphological responses near coastal structures under oblique waves driven by sea-breezes. **2023**, 182, 104290 o
- 50 Prediction of near-field uni-directional and multi-directional random waves from far-field measurements with artificial neural networks. **2023**, 278, 114307 o
- 49 Data-driven modeling of Bay-Ocean wave spectra at bridge-tunnel crossing of Chesapeake Bay, USA. **2023**, 135, 103537 o

- 48 A self-similar description of the wave fields generated by tropical cyclones. **2023**, 183, 102184 1
- 47 Microlitter occurrence, distribution, and summertime transport trajectories in the coastal waters of the north-eastern Tyrrhenian Sea (Italy). **2023**, 2, 100192 0
- 46 Operational wave forecasting for extreme conditions in the Arabian Sea – A comparison with buoy and satellite data. **2023**, 275, 114152 0
- 45 A statistical approach for sea cliff hazard and setback lines mapping in the northeast of Peniche, Portugal. **2023**, 430, 108669 0
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- 40 Influence of Wave-Current Interaction on a Cyclone-Induced Storm-Surge Event in the Ganges-Brahmaputra-Meghna Delta: Part 2 – Effects on Wave. **2023**, 11, 298 1
- 39 Influence of Wave-Current Interaction on a Cyclone-Induced Storm Surge Event in the Ganges-Brahmaputra-Meghna Delta: Part 1 – Effects on Water Level. **2023**, 11, 328 1
- 38 Modeling the Sea Level Response of the Northern East China Sea to Different Types of Extratropical Cyclones. **2023**, 128, 0
- 37 References. **2023**, 223-229 0
- 36 Modelling wave group-scale hydrodynamics on orthogonal unstructured meshes. **2023**, 162, 105655 0
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- 32 Assessment of the forecasting potential of WAVEWATCH III model under different Indian Ocean wave conditions. **2023**, 132, 0
- 31 Assessment of SWAN and WAVEWATCH-III models regarding the directional wave spectra estimates based on Eastern Black Sea measurements. **2023**, 272, 113944 0

- 30 Reevaluating the wave power-salt marsh retreat relationship. **2023**, 13,
- 29 Long-term spectral wave climate in the Black Sea based on directional wave spectra.
- 28 Approach for Preservation and Reconstruction of Two-Dimensional Wave Spectra and Its Application to Boundary Conditions in Nested Wave Modeling. **2023**, 15, 1360
- 27 Improving the accuracy of hurricane wave modeling in Gulf of Mexico with dynamically-coupled SWAN and ADCIRC. **2023**, 274, 114044
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- 25 Interactions between Surface Waves, Tides, and Storm-Induced Currents over Shelf Waters of the Northwest Atlantic. **2023**, 11, 555
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- 23 Benefits of fully focused SAR altimetry to coastal wave height estimates: A case study in the North Sea. **2023**, 289, 113517
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- 19 Wave climate and energy resources in American Samoa from a 42-year high-resolution hindcast. **2023**,
- 18 Effects of Surface Wave-Induced Mixing and Wave-Affected Exchange Coefficients on Tropical Cyclones. **2023**, 15, 1594
- 17 Study of the Optimal Grid Resolution and Effect of Wave-Wave Interaction during Simulation of Extreme Waves Induced by Three Ensuing Typhoons. **2023**, 11, 653
- 16 Real-time phase-resolved ocean wave prediction in directional wave fields: Enhanced algorithm and experimental validation. **2023**, 276, 114212
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- 14 Multi-decade high-resolution regional hindcasts for wave energy resource characterization in U.S. coastal waters. **2023**,
- 13 Floating Solar Systems with Application to Nearshore Sites in the Greek Sea Region. **2023**, 11, 722

- 12 Filling Missing and Extending Significant Wave Height Measurements Using Neural Networks and an Integrated Surface Database. **2023**, 3, 151-169 ○
- 11 An Investigation of Impacts of Surface Waves-Induced Mixing on the Upper Ocean under Typhoon Megi (2010). **2023**, 15, 1862 ○
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