

# CITATION REPORT

List of articles citing

## Wave Diffraction Due to Areas of Energy Dissipation

DOI: 10.1061/(asce)0733-950x(1984)110:1(67)  
Journal of Waterway, Port, Coastal and Ocean  
Engineering, 1984, 110, 67-79.

**Source:** <https://exaly.com/paper-pdf/17230050/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
352	Water Waves and Circular Damping Regions. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1984</b> , 110, 273-276	1.7	3
351	Nonlinear refraction-diffraction of waves in shallow water. <i>Journal of Fluid Mechanics</i> , <b>1985</b> , 153, 185	3.7	95
350	Higher-order approximations in the parabolic equation method for water waves. <b>1986</b> , 91, 933		77
349	A general wave equation for waves over rippled beds. <i>Journal of Fluid Mechanics</i> , <b>1986</b> , 162, 171	3.7	202
348	Viscous Effects on Evolution of Stokes Waves. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1986</b> , 112, 55-63	1.7	7
347	Modeling Waves in Surfzones and Around Islands. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1986</b> , 112, 78-93	1.7	28
346	Wave Reflection from Energy Dissipation Region. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1986</b> , 112, 632-644	1.7	9
345	Resonant reflection of shallow-water waves due to corrugated boundaries. <i>Journal of Fluid Mechanics</i> , <b>1987</b> , 180, 451	3.7	19
344	A Parabolic Equation Model for Transformation of Irregular Waves Due to Refraction, Diffraction and Breaking. <b>1987</b> , 30, 33-47		40
343	Combined refraction-diffraction of short-waves in large coastal regions. <i>Coastal Engineering</i> , <b>1988</b> , 12, 133-156	4.8	33
342	Wave Propagation Between Two Breakwaters. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1988</b> , 114, 237-247	1.7	11
341	A nearshore profile model of wave and tidal current interaction. <i>Coastal Engineering</i> , <b>1989</b> , 13, 219-245	4.8	15
340	A Numerical Model for Calculating Wave Height Distribution in a Harbor of Arbitrary Shape. <b>1990</b> , 33, 119-131		5
339	Numerical Simulation of Irregular Wave Propagation over Shoal. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1990</b> , 116, 324-340	1.7	39
338	Solution of the mild-slope wave problem by iteration. <b>1991</b> , 13, 187-199		76
337	Wave Propagation in Jettied Entrance Channels. II: Observations. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1991</b> , 117, 493-510	1.7	8
336	Wave Propagation in Jettied Entrance Channels. I: Models. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1991</b> , 117, 471-492	1.7	9

335	Effects of Bottom Friction on Wave Breaking Using RCPWAVE Model. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1992</b> , 118, 387-400	1.7	3
334	Finite Element Solution of Wave Field Around Structures in Nearshore Zone. <b>1992</b> , 35, 21-33		1
333	A Numerical Model for Nonlinear Wave Transformation in Nearshore Zone by Multi-Step Finite Characteristic Method. <b>1992</b> , 35, 35-48		
332	Extended refraction-diffraction equation for surface waves. <i>Coastal Engineering</i> , <b>1993</b> , 19, 97-126	4.8	141
331	A comparison of two spectral wave models in the Southern California Bight. <i>Coastal Engineering</i> , <b>1993</b> , 19, 263-282	4.8	79
330	Wave Attenuation by Vegetation. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1993</b> , 119, 30-48	1.7	230
329	Jump Condition of Energy Flux at the Line of Bathymetric Discontinuity and Wave Breaking on the Reef Flat. <b>1993</b> , 36, 155-175		3
328	Probabilistic Calculation Model of Directional Random Waves. <b>1993</b> , 540		
327	On the propagation of water waves along a porous-walled channel. <b>1994</b> , 444, 411-428		4
326	COMPARATIVE STUDY OF EQUATIONS FOR ANALYZING COASTAL WAVE TRANSFORMATION. <b>1994</b> , 1994, 1-14		
325	Wave Damping by Kelp Vegetation. <b>1995</b> , 142		12
324	Effects of Southern California Kelp Beds on Waves. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1995</b> , 121, 143-150	1.7	50
323	Dynamic response of the Lido channel to wave motion in the presence of movable barriers. <b>1996</b> , 19, 177-194		5
322	A modified hybrid element model for combined diffraction-refraction-reflection-dissipation waves over large regions. <b>1996</b> , 14, 68-78		
321	Oscillations in a coupled bay-river system. 1. Analytic solution. <i>Coastal Engineering</i> , <b>1996</b> , 28, 147-164	4.8	13
320	Finite Analytic Method for Mild-Slope Wave Equation. <b>1996</b> , 122, 109-115		8
319	The effect of kelp in wave damping. <b>1996</b> , 80, 323-327		44
318	Relationship between Kelp Beds and Beach Width in Southern California. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>1996</b> , 122, 34-37	1.7	10

317	Airborne remote sensing applications to coastal wave research. <b>1998</b> , 103, 18791-18800		13
316	Dual-polarized Doppler radar measurements of oceanic fronts. <b>1999</b> , 37, 395-417		8
315	Wave Transformation Over Salt Marshes: A Field and Numerical Modelling Study from North Norfolk, England. <b>1999</b> , 49, 411-426		293
314	Hydrodynamics induced by wind waves in a vegetation field. <b>1999</b> , 104, 18383-18396		136
313	Wave Prediction Models For Coastal Engineering Application. <b>1999</b> , 163-194		7
312	Equation For Numerical Modeling Of Wave Transformation In Shallow Water. <b>1999</b> , 101-162		1
311	The Sea-Defence Value of Salt Marshes: Field Evidence From North Norfolk. <b>2001</b> , 15, 109-116		46
310	Treatment of Wave Breaking and Total Absorption in a Mild-Slope Equation FEM Model. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2001</b> , 127, 263-271	1.7	20
309	Wave Energy and Direction Observed near a Pier. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2001</b> , 127, 2-6	1.7	30
308	Wave propagation modeling in coastal engineering. <b>2002</b> , 40, 229-240		53
307	Wave climate modelling south of Rio de Janeiro in Brazil. <b>2002</b> , 22, 2021-2034		6
306	Internal generation of waves in 2D fully elliptic mild-slope equation FEM models. <i>Coastal Engineering</i> , <b>2003</b> , 49, 71-81	4.8	17
305	Wave field modification by bathymetric anomalies and resulting shoreline changes: a review with recent results. <i>Coastal Engineering</i> , <b>2003</b> , 49, 125-153	4.8	33
304	Modulation of wave forces on kelp canopies by alongshore currents. <i>Limnology and Oceanography</i> , <b>2003</b> , 48, 860-871	4.8	45
303	An empirical model to estimate the propagation of random breaking and nonbreaking waves over vegetation fields. <i>Coastal Engineering</i> , <b>2004</b> , 51, 103-118	4.8	316
302	Curvilinear parabolic approximation for surface wave transformation with wavecurrent interaction. <b>2005</b> , 204, 562-586		9
301	Scour and Burial Mechanics of Objects in the Nearshore. <b>2007</b> , 32, 78-90		15
300	Spectral wave flow attenuation within submerged canopies: Implications for wave energy dissipation. <b>2007</b> , 112,		71

299	On the modeling of wave propagation on non-uniform currents and depth. <i>Ocean Engineering</i> , <b>2007</b> , 34, 1393-1404	3.9	5
298	Incorporating Rubble Mound Jetties in Elliptic Harbor Wave Models. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2008</b> , 134, 40-52	1.7	3
297	Bottom friction effects on linear wave propagation. <i>Wave Motion</i> , <b>2009</b> , 46, 489-497	1.8	0
296	Laboratory and numerical studies of wave damping by emergent and near-emergent wetland vegetation. <i>Coastal Engineering</i> , <b>2009</b> , 56, 332-340	4.8	237
295	Nonlinear random wave-induced drag force on a vegetation field. <i>Coastal Engineering</i> , <b>2009</b> , 56, 371-376	4.8	13
294	Relative velocity of seagrass blades: Implications for wave attenuation in low-energy environments. <b>2009</b> , 114,		124
293	Hydrodynamic forcing on salt-marsh development: Distinguishing the relative importance of waves and tidal flows. <b>2010</b> , 89, 73-88		118
292	Wave Damping in Reed: Field Measurements and Mathematical Modeling. <b>2010</b> , 136, 222-233		18
291	Wave-forced motion of submerged single-stem vegetation. <b>2010</b> , 115,		59
290	Wave Damping over a Multilayered, Permeable Seabed. <i>Journal of Coastal Research</i> , <b>2011</b> , 277, 1183-1190	6	1
289	Wave attenuation due to <i>Posidonia oceanica</i> meadows. <b>2011</b> , 49, 503-514		58
288	Spatial and seasonal variation in wave attenuation over <i>Zostera noltii</i> . <b>2011</b> , 116,		63
287	Wave dissipation by flexible vegetation. <b>2011</b> , 38, n/a-n/a		37
286	Development and Validation of a Wave-Action Model for Simulating Wave Attenuation Due to Vegetation. <b>2011</b> ,		1
285	The development of a tool for examining the morphological evolution of managed realignment sites. <b>2011</b> , 31, S199-S210		16
284	An analysis of wave dissipation at the Hendijan mud coast, the Persian Gulf. <b>2011</b> , 61, 217-232		9
283	Short communication: Engineering properties of wetland plants with application to wave attenuation. <i>Coastal Engineering</i> , <b>2011</b> , 58, 251-255	4.8	60
282	SWAN predictions of waves observed in shallow water onshore of complex bathymetry. <i>Coastal Engineering</i> , <b>2011</b> , 58, 510-516	4.8	58

281	Drag force on a vegetation field due to long-crested and short-crested nonlinear random waves. <i>Coastal Engineering</i> , <b>2011</b> , 58, 562-566	4.8	12
280	Modeling Waves in Open Coastal Areas and Harbors with Phase-Resolving and Phase-Averaged Models. <i>Journal of Coastal Research</i> , <b>2012</b> , 29, 1309	0.6	8
279	A depth-averaged 2D shallow water model for breaking and non-breaking long waves affected by rigid vegetation. <b>2012</b> , 50, 558-575		25
278	Theoretical Models for Wave Energy Dissipation Caused by Vegetation. <b>2012</b> , 138, 221-229		38
277	Wave dissipation by vegetation with layer schematization in SWAN. <i>Coastal Engineering</i> , <b>2012</b> , 59, 64-71	4.8	143
276	A new application of an improved DRBEM model for water wave propagation over a frictional uneven bottom. <b>2012</b> , 36, 537-550		2
275	Numerical modelling of the mild slope equation using localised differential quadrature method. <i>Ocean Engineering</i> , <b>2012</b> , 47, 88-103	3.9	16
274	A coupled model of submerged vegetation under oscillatory flow using Navier-Stokes equations. <i>Coastal Engineering</i> , <b>2013</b> , 80, 16-34	4.8	86
273	Analysis of Vegetation Effect on Waves Using a Vertical 2D RANS Model. <i>Journal of Coastal Research</i> , <b>2013</b> , 287, 383-397	0.6	16
272	Wave-induced drag force on vegetation under shoaling random waves. <i>Coastal Engineering</i> , <b>2013</b> , 78, 13-20	4.8	16
271	Numerical study of vegetation damping effects on solitary wave run-up using the nonlinear shallow water equations. <i>Coastal Engineering</i> , <b>2013</b> , 75, 21-28	4.8	36
270	Probability distribution of wave heights attenuated by salt marsh vegetation during tropical cyclone. <i>Coastal Engineering</i> , <b>2013</b> , 82, 47-55	4.8	18
269	Spectral distribution of wave energy dissipation by salt marsh vegetation. <i>Coastal Engineering</i> , <b>2013</b> , 77, 99-107	4.8	90
268	Numerical study of turbulence and wave damping induced by vegetation canopies. <i>Coastal Engineering</i> , <b>2013</b> , 80, 68-78	4.8	75
267	Wave damping over artificial <i>Posidonia oceanica</i> meadow: A large-scale experimental study. <i>Coastal Engineering</i> , <b>2013</b> , 73, 71-83	4.8	71
266	Effects of Woody Plants on Dune Erosion and Overwash. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2013</b> , 139, 466-472	1.7	30
265	Computer Simulation of Moored Ship Motion Considering Harbor Resonance in Pohang New Harbor. <b>2013</b> ,		2
264	Evolution of basic equations for nearshore wave field. <b>2013</b> , 89, 34-50		4

263	Quantifying wave attenuation to inform coastal habitat conservation. <b>2013</b> , 4, art95		53
262	Two numerical approaches: 2D and 3D SPH model to simulate extreme waves over a barrier island. <i>Journal of Coastal Research</i> , <b>2013</b> , 65, 362-367	0.6	2
261	Laboratory Measurements of Wave Attenuation through Model and Live Vegetation. <b>2013</b> ,		3
260	Numerical Modeling of Irregular Water Wave Transformation. <b>2014</b> , 2014, 1-8		
259	Experimental Investigation of Wave Attenuation through Model and Live Vegetation. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2014</b> , 140, 04014019	1.7	58
258	Laboratory Observations and Numerical Simulations of Wave Height Attenuation in Heterogeneous Vegetation. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2014</b> , 140, 56-65	1.7	33
257	A new semi-analytical solution for gap resonance between twin rectangular boxes. <b>2014</b> , 228, 3-16		11
256	The role of seagrasses in coastal protection in a changing climate. <i>Coastal Engineering</i> , <b>2014</b> , 87, 158-168	4.8	165
255	Flume instrumentation for measurement of drag on flexible elements under waves. <b>2014</b> , 55, 1		5
254	Waves of intermediate length through an array of vertical cylinders. <b>2014</b> , 14, 235-261		27
253	Wave attenuation over coastal salt marshes under storm surge conditions. <b>2014</b> , 7, 727-731		440
252	Numerical investigation of wave attenuation by vegetation using a 3D RANS model. <i>Advances in Water Resources</i> , <b>2014</b> , 74, 245-257	4.7	29
251	Non-hydrostatic finite element model for coastal wave processes. <i>Coastal Engineering</i> , <b>2014</b> , 92, 31-47	4.8	10
250	A 3-D phase-averaged model for shallow-water flow with waves in vegetated water. <b>2014</b> , 64, 1061-1071		9
249	Laboratory study on wave dissipation by vegetation in combined current and wave flow. <i>Coastal Engineering</i> , <b>2014</b> , 88, 131-142	4.8	108
248	Wave attenuation by flexible, idealized salt marsh vegetation. <i>Coastal Engineering</i> , <b>2014</b> , 83, 82-92	4.8	150
247	Effect of Artificial Vegetation on Wave Attenuation [An Experimental Investigation]. <b>2015</b> , 116, 600-606		7
246	LABORATORY SIMULATIONS OF WAVE ATTENUATION BY AN EMERGENT VEGETATION OF ARTIFICIAL PHRAGMITES AUSTRALIS: AN EXPERIMENTAL STUDY OF AN OPEN-CHANNEL WAVE FLUME. <b>2015</b> , 23, 251-266		5

245	Nonlinear and directional effects on wave predictions over muddy bottoms: central chenier plain coast, Western Louisiana Shelf, USA. <b>2015</b> , 65, 1567-1581		4
244	A review of plant-flow interactions on salt marshes: the importance of vegetation structure and plant mechanical characteristics. <b>2015</b> , 2, 669-681		31
243	Wave Reduction in Mangrove Forests. <b>2015</b> , 511-535		5
242	Drag forces on aquatic plants in nonlinear random waves plus current. <b>2015</b> , 165, 10-24		24
241	Numerical model for coastal wave propagation through mild slope zone in the presence of rigid vegetation. <i>Coastal Engineering</i> , <b>2015</b> , 97, 53-59	4.8	28
240	Experimental study of wave dynamics in coastal wetlands. <b>2015</b> , 15, 851-880		8
239	Accuracy of optical image analysis compared to conventional vegetation measurements for estimating morphological features of emergent vegetation. <b>2015</b> , 155, 66-74		11
238	A two-dimensional experimental-numerical approach to investigate wave transformation over muddy beds. <b>2015</b> , 65, 295-310		3
237	Stochastic modeling of inhomogeneous ocean waves. <b>2015</b> , 96, 26-35		5
236	Numerical Modeling of Surface Waves over Submerged Flexible Vegetation. <b>2015</b> , 141,		26
235	Modeling of Nonlinear Wave Attenuation due to Vegetation. <i>Journal of Coastal Research</i> , <b>2015</b> , 32, 142	0.6	8
234	Integrated modeling framework to quantify the coastal protection services supplied by vegetation. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 324-345	3.3	50
233	Coastal Mangrove Squeeze in the Mekong Delta. <i>Journal of Coastal Research</i> , <b>2015</b> , 300, 233-243	0.6	59
232	Surface water waves over a shallow canopy. <i>Journal of Fluid Mechanics</i> , <b>2015</b> , 768, 572-599	3.7	13
231	Effects of wave steepness and relative water depth on wave attenuation by emergent vegetation. <b>2015</b> , 164, 443-450		36
230	Internal generation of damped waves in linear shallow water equations. <i>Coastal Engineering</i> , <b>2015</b> , 104, 13-25	4.8	2
229	Numerical modeling of vegetation-induced dissipation using an extended mild-slope equation. <i>Ocean Engineering</i> , <b>2015</b> , 110, 258-269	3.9	19
228	Wave attenuation experiments over living shorelines over time: a wave tank study to assess recreational boating pressures. <i>Journal of Coastal Conservation</i> , <b>2015</b> , 19, 1-11	1.9	42



227	Influence of Blade Flexibility on the Drag Coefficient of Aquatic Vegetation. <b>2015</b> , 38, 569-577		27
226	Wetland buffers: numerical modeling of wave dissipation by vegetation. <b>2016</b> , 41, 847-854		23
225	Large Eddy Simulation of Unidirectional and Wave Flows through Vegetation. <b>2016</b> , 142, 04016048		25
224	Effects of Vertical Variation in Vegetation Density on Wave Attenuation. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2016</b> , 142, 04015020	1.7	7
223	Numerical study of wave-current-vegetation interaction in coastal waters. <b>2016</b> , 16, 965-981		7
222	Modeling wave attenuation induced by the vertical density variations of vegetation. <i>Coastal Engineering</i> , <b>2016</b> , 112, 17-27	4.8	23
221	Field Investigation into Wave Attenuation in the Mangrove Environment of the South China Sea Coast. <i>Journal of Coastal Research</i> , <b>2016</b> , 322, 1417-1427	0.6	5
220	Wave-averaged properties in a submerged canopy: Energy density, energy flux, radiation stresses and Stokes drift. <i>Coastal Engineering</i> , <b>2016</b> , 117, 57-69	4.8	8
219	Efficient three-dimensional reconstruction of aquatic vegetation geometry: Estimating morphological parameters influencing hydrodynamic drag. <b>2016</b> , 178, 77-85		18
218	Wave and vegetation effects on flow and suspended sediment characteristics: A flume study. <b>2016</b> , 182, 1-11		20
217	Plant stiffness and biomass as drivers for drag forces under extreme wave loading: A flume study on mimics. <i>Coastal Engineering</i> , <b>2016</b> , 117, 70-78	4.8	35
216	Solitary wave attenuation by vegetation patches. <i>Advances in Water Resources</i> , <b>2016</b> , 98, 159-172	4.7	27
215	Experimental measurements of solitary wave attenuation over shallow and intermediate submerged canopy. <b>2016</b> , 30, 375-392		4
214	Modeling the effect of wave-vegetation interaction on wave setup. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 4341-4359	3.3	41
213	Nature-based flood protection: The efficiency of vegetated foreshores for reducing wave loads on coastal dikes. <i>Coastal Engineering</i> , <b>2016</b> , 116, 42-56	4.8	103
212	The influence of anthropic actions on the evolution of an urban beach: Case study of Marineta Cassiana beach, Spain. <i>Science of the Total Environment</i> , <b>2016</b> , 559, 242-255	10.2	34
211	A new formulation for vegetation-induced damping under combined waves and currents. <i>Coastal Engineering</i> , <b>2016</b> , 107, 1-13	4.8	58
210	A hybrid finite-volume/finite-difference-based one-dimensional Boussinesq model for waves attenuated by vegetation. <i>Journal of Ocean Engineering and Marine Energy</i> , <b>2016</b> , 2, 19-34	1.5	3

209	Coastal and riverine ecosystems as adaptive flood defenses under a changing climate. <b>2017</b> , 22, 1087-1094		20
208	Shore protection by oblique seabed bars. <i>Journal of Fluid Mechanics</i> , <b>2017</b> , 815, 481-510	3.7	9
207	Boussinesq modeling of wave-induced hydrodynamics in coastal wetlands. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 3861-3883	3.3	12
206	Modeling the Morphological Impacts of Coastal Storms. <b>2017</b> , 195-216		2
205	Mapping Vegetation-Resistance Parameters in Wetlands Using Generated Waves. <b>2017</b> , 143, 04017023		2
204	Seagrass blade motion under waves and its impact on wave decay. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 3736-3752	3.3	40
203	Wave propagation through dense vertical cylinder arrays: Interference process and specific surface effects on damping. <b>2017</b> , 65, 229-237		19
202	Modeling wave attenuation by salt marshes in Jamaica Bay, New York, using a new rapid wave model. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 5689-5707	3.3	13
201	Wave attenuation in presence of mangroves: A sensitivity study for varying bottom slopes. <b>2017</b> , 8, 126-134		21
200	Evolution of wave and tide over vegetation region in nearshore waters. <b>2017</b> , 67, 973-988		3
199	Wave-frequency flows within a near-bed vegetation canopy. <b>2017</b> , 147, 91-101		19
198	Inter-seasonal variability of wind-waves and their attenuation characteristics by mangroves in a reversing wind system. <b>2017</b> , 37, 5089-5106		12
197	Development of a coupled wave-flow-vegetation interaction model. <b>2017</b> , 100, 76-86		49
196	Modeling the mitigation effect of coastal forests on tsunami. <b>2017</b> ,		2
195	Velocity and Drag Evolution From the Leading Edge of a Model Mangrove Forest. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 9144-9159	3.3	23
194	Using the Presence of Seagrass <i>Posidonia oceanica</i> to Model the Equilibrium Profile Parameter A of Sandy Beaches in Spain. <i>Journal of Coastal Research</i> , <b>2017</b> , 335, 1074-1085	0.6	3
193	Measurement and Analysis of Waves in Estuarine and Coastal Waters. 115-152		
192	Effects of Triad Interactions on Wave Attenuation by Vegetation. <b>2017</b> , 143, 04017100		2

191	Spectral wave dissipation by submerged aquatic vegetation in a back-barrier estuary. <i>Limnology and Oceanography</i> , <b>2017</b> , 62, 736-753	4.8	18
190	Attenuation of Nonlinear Waves by Rigid Vegetation: Comparison of Different Wave Theories. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2017</b> , 143, 04017029	1.7	7
189	Experimental wave attenuation study over flexible plants on a submerged slope. <b>2017</b> , 16, 1009-1017		3
188	Sensitivity Analysis of a Coupled Hydrodynamic-Vegetation Model Using the Effectively Subsampled Quadratures Method. <b>2017</b> ,		
187	Finite-Depth and Shallow Water Waves. <b>2017</b> , 1-10		
186	WAVE SETUP ON VEGETATED BEACH: LABORATORY EXPERIMENTS. <b>2017</b> , 4		3
185	Sensitivity analysis of a coupled hydrodynamic-vegetation model using the effectively subsampled quadratures method (ESQM v5.2). <b>2017</b> , 10, 4511-4523		11
184	Wave attenuation across a tidal marsh in San Francisco Bay. <i>Coastal Engineering</i> , <b>2018</b> , 136, 26-40	4.8	17
183	Engineering with Nature to Reduce Wave Energy in Wetlands. <b>2018</b> , 3-20		
182	Turbulent Kinetic Energy in Submerged Model Canopies Under Oscillatory Flow. <i>Water Resources Research</i> , <b>2018</b> , 54, 1734-1750	5.4	31
181	Numerical solutions of mild slope equation by generalized finite difference method. <b>2018</b> , 88, 1-13		6
180	Turbulence as the Main Driver of Resuspension in Oscillatory Flow Through Vegetation. <b>2018</b> , 123, 891-904		35
179	Surface wave energy absorption by a partially submerged bio-inspired canopy. <b>2018</b> , 13, 036006		6
178	Evolution of wave spectra in mound-channel wetland systems. <b>2018</b> , 207, 444-456		3
177	Stem breakage of salt marsh vegetation under wave forcing: A field and model study. <b>2018</b> , 200, 41-58		39
176	Numerical modeling of salt marsh morphological change induced by Hurricane Sandy. <i>Coastal Engineering</i> , <b>2018</b> , 132, 63-81	4.8	26
175	Dynamic interactions between coastal storms and salt marshes: A review. <b>2018</b> , 301, 92-107		107
174	Deriving vegetation drag coefficients in combined wave-current flows by calibration and direct measurement methods. <i>Advances in Water Resources</i> , <b>2018</b> , 122, 217-227	4.7	34

173	Modeling of solitary breaking wave force absorption by coastal trees. <i>Ocean Engineering</i> , <b>2018</b> , 169, 87-98	9.9	11
172	Applying a New Force-Velocity Synchronizing Algorithm to Derive Drag Coefficients of Rigid Vegetation in Oscillatory Flows. <b>2018</b> , 10, 906		11
171	Wave modelling in coastal and inner seas. <b>2018</b> , 167, 164-233		90
170	Experiments on Surface Waves Interacting with Flexible Aquatic Vegetation. <b>2018</b> , 53, 461-474		12
169	Laboratory study of the effect of vertically varying vegetation density on waves, currents and wave-current interactions. <b>2018</b> , 79, 74-87		9
168	Wave Height Attenuation and Flow Resistance Due to Emergent or Near-Emergent Vegetation. <b>2018</b> , 10, 402		21
167	Tidal flat-wetland systems as flood defenses: Understanding biogeomorphic controls. <b>2018</b> , 213, 269-282		42
166	Scattering of surface gravity waves over a pair of trenches. <b>2018</b> , 62, 303-320		22
165	Experimental analysis of wave attenuation and drag forces in a realistic fringe Rhizophora mangrove forest. <i>Advances in Water Resources</i> , <b>2019</b> , 131, 103376	4.7	24
164	Impact of Vegetation-Generated Turbulence on the Critical, Near-Bed, Wave-Velocity for Sediment Resuspension. <i>Water Resources Research</i> , <b>2019</b> , 55, 5904-5917	5.4	15
163	Motion of buoyant, flexible aquatic vegetation under waves: Simple theoretical models and parameterization of wave dissipation. <i>Coastal Engineering</i> , <b>2019</b> , 152, 103497	4.8	11
162	Numerical Investigation of Wave Attenuation by Rigid Vegetation Based on a Porous Media Approach. <i>Journal of Coastal Research</i> , <b>2019</b> , 92, 92	0.6	12
161	Numerical study of solitary wave interaction with a vegetated platform. <i>Ocean Engineering</i> , <b>2019</b> , 192, 106561	3.9	6
160	Including Wave Diffraction in XBeach: Model Extension and Validation. <i>Journal of Coastal Research</i> , <b>2019</b> , 36, 116	0.6	2
159	Surface wave attenuation by vegetation with the stem, root and canopy. <i>Coastal Engineering</i> , <b>2019</b> , 152, 103509	4.8	16
158	Phase-Averaged Drag Force of Nonlinear Waves Over Submerged and Through Emergent Vegetation. <i>Journal of Geophysical Research: Oceans</i> , <b>2019</b> , 124, 4368-4388	3.3	2
157	Numerical modelling of the erosion of marsh boundaries due to wave impact. <i>Coastal Engineering</i> , <b>2019</b> , 152, 103514	4.8	9
156	Effect of Mimic Vegetation with Different Stiffness on Regular Wave Propagation and Turbulence. <b>2019</b> , 11, 109		8

155	A frequency distributed dissipation model for canopies. <i>Coastal Engineering</i> , <b>2019</b> , 150, 135-146	4.8	9
154	Canopy resistance on oscillatory flows. <i>Coastal Engineering</i> , <b>2019</b> , 152, 103502	4.8	10
153	Blade dynamics in combined waves and current. <b>2019</b> , 87, 137-149		20
152	Non-hydrostatic modeling of drag, inertia and porous effects in wave propagation over dense vegetation fields. <i>Coastal Engineering</i> , <b>2019</b> , 149, 49-64	4.8	41
151	The effects of wave non-linearity on wave attenuation by vegetation. <i>Coastal Engineering</i> , <b>2019</b> , 147, 63-74	4.8	25
150	Wave damping by flexible vegetation: Connecting individual blade dynamics to the meadow scale. <i>Coastal Engineering</i> , <b>2019</b> , 147, 138-148	4.8	36
149	Eulerian-Lagrangian flow-vegetation interaction model using immersed boundary method and OpenFOAM. <i>Advances in Water Resources</i> , <b>2019</b> , 126, 176-192	4.7	24
148	Canopy-Forming Ecosystem Engineers in Aquatic Ecosystems. <b>2019</b> , 1-13		
147	Numerical Simulations of Non-Breaking, Breaking and Broken Wave Interaction with Emerged Vegetation Using Navier-Stokes Equations. <b>2019</b> , 11, 2561		4
146	Modeling Wave Attenuation and Runup in Wetland and Vegetated Coast. <b>2019</b> ,		
145	Comparison of Implicit and Explicit Vegetation Representations in SWAN Hindcasting Wave Dissipation by Coastal Wetlands in Chesapeake Bay. <b>2019</b> , 9, 8		12
144	Attenuation of Wave Energy Due to Mangrove Vegetation off Mumbai, India. <b>2019</b> , 12, 4286		4
143	Field-based numerical model investigation of wave propagation across marshes in the Chesapeake Bay under storm conditions. <i>Coastal Engineering</i> , <b>2019</b> , 146, 32-46	4.8	9
142	Hydrodynamics and Modeling of Water Flow in Coastal Wetlands. <b>2019</b> , 289-323		2
141	Mathematical Modeling of Tidal Flow Over Saltmarshes and Tidal Flats With Applications to the Venice Lagoon. <b>2019</b> , 325-355		
140	Comparison of drag and velocity in model mangrove forests with random and in-line tree distributions. <b>2019</b> , 568, 735-746		16
139	Computational Model for Wave Attenuation by Flexible Vegetation. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2019</b> , 145, 04018033	1.7	13
138	Semianalytical Model of Depth-Integrated Vegetal Drag Force Based on Stokes Second-Order Wave Theory. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2019</b> , 145, 04018041	1.7	3

137	Ecosystem management tools to study natural habitats as wave damping structures and coastal protection mechanisms. <b>2019</b> , 130, 282-295		16
136	Wave dissipation across a Rhizophora mangrove patch on a Colombian Caribbean Island: An experimental approach. <b>2019</b> , 130, 271-281		10
135	Laboratory investigations of wave attenuation by simulated vegetation of varying densities. <b>2019</b> , 25, 203-213		2
134	Simplification bias: lessons from laboratory and field experiments on flow through aquatic vegetation. <b>2020</b> , 45, 121-143		24
133	Non-linear wave attenuation quantification model improves the estimation of wave attenuation efficiency of mangroves. <b>2020</b> , 245, 106927		4
132	3D numerical simulation of seagrass movement under waves and currents with GPUSPH. <b>2020</b> ,		2
131	Measured and Predicted Turbulent Kinetic Energy in Flow Through Emergent Vegetation With Real Plant Morphology. <i>Water Resources Research</i> , <b>2020</b> , 56, e2020WR027892	5.4	7
130	Wave attenuation by rigid emergent vegetation under combined wave and current flows. <i>Ocean Engineering</i> , <b>2020</b> , 213, 107632	3.9	6
129	Experimental Assessment of the Flow Resistance of Coastal Wooden Fences. <b>2020</b> , 12, 1910		2
128	Relative Magnitude of Infragravity Waves at Coastal Dikes with Shallow Foreshores: A Prediction Tool. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2020</b> , 146, 04020034	1.7	9
127	Wave Attenuation by <i>Spartina alterniflora</i> under Macro-Tidal and Storm Surge Conditions. <b>2020</b> , 40, 2151-2162		9
126	Synthesising wave attenuation for seagrass: Drag coefficient as a unifying indicator. <b>2020</b> , 160, 111661		1
125	Erosion Studies and Rehabilitation of Beach along West Coast of India. <b>2020</b> , 970, 012031		
124	Numerical investigation of solitary wave attenuation and resistance induced by rigid vegetation based on a 3-D RANS model. <i>Advances in Water Resources</i> , <b>2020</b> , 146, 103755	4.7	8
123	Aquaculture farms as nature-based coastal protection: Random wave attenuation by suspended and submerged canopies. <i>Coastal Engineering</i> , <b>2020</b> , 160, 103737	4.8	11
122	Velocity and turbulence affected by submerged rigid vegetation under waves, currents and combined wave/current flows. <i>Coastal Engineering</i> , <b>2020</b> , 159, 103727	4.8	8
121	Shallow water wave modelling in the nearshore (SWAN). <b>2020</b> , 391-419		1
120	Computational Modelling of the Impacts of Saltmarsh Management Interventions on Hydrodynamics of a Small Macro-Tidal Estuary. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 373	2.4	6

119	Role of mangroves in wind-wave climate modeling [A review]. <i>Journal of Coastal Conservation</i> , <b>2020</b> , 24, 1	1.9	4
118	The Sensitivity of a Dike-Marsh System to Sea-Level Rise [A Model-Based Exploration]. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 42	2.4	1
117	Mathematical Study on Wave Propagation through Emergent Vegetation. <b>2020</b> , 12, 606		
116	Wave-Driven Mean Flow Dynamics in Submerged Canopies. <i>Journal of Geophysical Research: Oceans</i> , <b>2020</b> , 125, e2019JC015935	3.3	3
115	Mechanisms for the Asymmetric Motion of Submerged Aquatic Vegetation in Waves: A Consistent-Mass Cable Model. <i>Journal of Geophysical Research: Oceans</i> , <b>2020</b> , 125, e2019JC015517	3.3	7
114	Experimental study on vegetation flexibility as control parameter for wave damping and velocity structure. <i>Coastal Engineering</i> , <b>2020</b> , 157, 103648	4.8	32
113	Wave Runup Loading Behind a Semipermeable Obstacle. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , <b>2020</b> , 146, 04020014	1.7	2
112	Modelling wave attenuation by quasi-flexible coastal vegetation. <i>Coastal Engineering</i> , <b>2021</b> , 164, 103820	4.8	10
111	Experimental study on solitary wave attenuation by emerged vegetation in currents. <i>Ocean Engineering</i> , <b>2021</b> , 220, 108414	3.9	4
110	Wave-induced reconfiguration of and drag on marsh plants. <b>2021</b> , 100, 103192		9
109	Dissipation Effects of Coastal Vegetation on Nearshore Structures under Wave Runup Loading. <b>2021</b> , 147, 06020010		3
108	Relating millimeter-scale turbulence to meter-scale subtidal erosion and accretion across the fringe of a coastal mangrove forest. <b>2021</b> , 46, 573-592		2
107	Laboratory investigations on wave attenuation characteristics of <i>Rhizophora Mucronata</i> poir using physical models with bottom friction. <b>2021</b> , 21, 361-381		0
106	Predicting the bulk drag coefficient of flexible vegetation in wave flows based on a genetic programming algorithm. <i>Ocean Engineering</i> , <b>2021</b> , 223, 108694	3.9	7
105	Generation of attached Langmuir circulations by a suspended macroalgal farm. <i>Journal of Fluid Mechanics</i> , <b>2021</b> , 915,	3.7	0
104	Wave-Energy Dissipation: Seaweeds and Marine Plants Are Ecosystem Engineers. <b>2021</b> , 6, 151		1
103	Integrating Geomorphological Data, Geochronology and Archaeological Evidence for Coastal Landscape Reconstruction, the Case of Ammoudara Beach, Crete. <b>2021</b> , 13, 1269		2
102	A rapid assessment method for calculating the drag coefficient in wave attenuation by vegetation. <b>2021</b> , 40, 30-35		1

101	1D/2D Numerical Model for Wave Attenuation by Mangroves as a Porous Structure. <b>2021</b> , 9, 66		5
100	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
99	Wave transmission and drag coefficients through dense cylinder arrays: Implications for designing structures for mangrove restoration. <b>2021</b> , 165, 106231		3
98	Coastal wetlands mitigate storm flooding and associated costs in estuaries. <b>2021</b> , 16, 074034		3
97	Modeling the Morphodynamics of Coastal Responses to Extreme Events: What Shape Are We In?. <i>Annual Review of Marine Science</i> , <b>2021</b> ,	15.4	4
96	Numerical simulation of extended mild-slope equation including wave breaking effect. <b>2021</b> , 128, 42-57		0
95	Prediction of solitary wave attenuation by emergent vegetation using genetic programming and artificial neural networks. <i>Ocean Engineering</i> , <b>2021</b> , 234, 109250	3.9	3
94	Study on wave attenuation in following and opposing currents due to rigid vegetation. <i>Ocean Engineering</i> , <b>2021</b> , 236, 109574	3.9	2
93	A study on the drag coefficient in wave attenuation by vegetation. <b>2021</b> , 25, 4825-4834		
92	Effect of flexible coastal vegetation on waves in water of intermediate depth. <i>Coastal Engineering</i> , <b>2021</b> , 168, 103937	4.8	2
91	Predicting the evolution of coastal protection service with mangrove forest age. <i>Coastal Engineering</i> , <b>2021</b> , 168, 103922	4.8	7
90	Numerical investigation of wave attenuation by coupled flexible vegetation dynamic model and XBeach wave model. <i>Ocean Engineering</i> , <b>2021</b> , 235, 109357	3.9	2
89	Wave attenuation by suspended canopies with cultivated kelp ( <i>Saccharina latissima</i> ). <i>Coastal Engineering</i> , <b>2021</b> , 168, 103947	4.8	8
88	Oscillatory characteristics of young mangroves exposed to short-period waves. <i>Science of the Total Environment</i> , <b>2021</b> , 790, 148157	10.2	1
87	Numerical study on wave attenuation of extreme waves by emergent rigid vegetation patch. <i>Ocean Engineering</i> , <b>2021</b> , 239, 109865	3.9	2
86	An improved model for fast and reliable harbour wave agitation assessment. <i>Coastal Engineering</i> , <b>2021</b> , 170, 104011	4.8	2
85	A Consistent Nonlinear Mild-Slope Equation Model.. <i>Coastal Engineering</i> , <b>2021</b> , 170, 104006-104006	4.8	
84	Morphodynamics of an Embayed Beach in Majorca Island. <b>2020</b> , 153-157		1



83	Wave Attenuation due to Bottom Vegetation. <b>1996</b> , 371-382	10
82	Bulk drag coefficient of a subaquatic vegetation subjected to irregular waves: Influence of Reynolds and Keulegan-Carpenter numbers. <b>2020</b> , 106, 34-42	4
81	The Power of Three: Coral Reefs, Seagrasses and Mangroves Protect Coastal Regions and Increase Their Resilience. <b>2016</b> , 11, e0158094	139
80	Effect of a seagrass ( <i>Posidonia oceanica</i> ) meadow on wave propagation. <b>2012</b> , 456, 63-72	80
79	Wave damping by flexible marsh plants influenced by current. <b>2021</b> , 6,	2
78	El modelado matemático de la propagación del oleaje en ingeniería de costas. <b>2000</b> , 7, 37	
77	Estimation of Harbor Responses due to Construction of a New Port in Ulsan Bay. <b>2004</b> , 28, 619-627	
76	A Preliminary Study on Shore Protection from Erosion around Seoguiipo Coastal Waters. <b>2005</b> , 29, 537-545	
75	Analysis of Numerical Model Wave Predictions for Coastal Waters at Gunsan-Janghang Harbor Entrance. <b>2005</b> , 29, 627-634	
74	Analysis of Harbor Responses due to the Dredging Work at Waterway and Mooring Basin in Busan New Port. <b>2006</b> , 30, 97-104	
73	Linear Shallow Water Equations for Waves with Damping. <b>2012</b> , 24, 10-15	0
72	A Study on Analysis of Moored Ship Motion Considering Harbor Resonance. <b>2013</b> , 33, 595-608	2
71	A Model for Long Waves at Grazing Angle to a Rubble-Mound Jetty. <b>1991</b> ,	
70	Characteristics of Wave Attenuation with Coastal Wetland Vegetation. <b>2016</b> , 18, 84-93	
69	A Hydraulic Experiment Using Artificial Seaweed for Coastal Erosion Prevention. <b>2016</b> , 19, 266-273	
68	Experimental Investigations of Wave Height Attenuation by Submerged Artificial Vegetation. <b>2018</b> , 499-509	1
67	EXPERIMENTAL STUDY OF RUNUP REDUCTION OF SOLITARY WAVE BY EMERGENT RIGID VEGETATION ON A SLOPE. <b>2019</b> , 75, I_703-I_708	
66	Wave Transmission Across Steep Submerged Reefs. <b>2020</b> , 687-694	0

65	Porosity Effects on Wave Transmission Through a Bamboo Fence. <b>2020</b> , 1413-1418		3
64	Numerical Simulation of Shallow Water Waves in Coastal Regions. <b>2020</b> , 131-184		
63	Spatial Variation of Diffracting Wave Amplitudes on the Front and Lee Sides of the Semi-Infinite Breakwater. <b>2020</b> , 32, 203-210		1
62	Laboratory data on wave propagation through vegetation with following and opposing currents. <i>Earth System Science Data</i> , <b>2021</b> , 13, 4987-4999	10.5	1
61	Effects of wave nonlinearity on submerged flexible vegetation dynamics and wave attenuation. <i>Ocean Engineering</i> , <b>2021</b> , 241, 110103	3.9	1
60	Wave Energy Dissipation in a Shallow Coral Reef Lagoon Using Marine X-Band Radar Data. <i>Journal of Geophysical Research: Oceans</i> , <b>2021</b> , 126, e2020JC017094	3.3	0
59	Estimating wave attenuation at the coastal land margin with a GIS toolbox. <b>2020</b> , 132, 104788		1
58	Cutting the costs of coastal protection by integrating vegetation in flood defences. <b>2021</b> , 12, 6533		4
57	A simple-wave damping model for flexible marsh plants. <i>Limnology and Oceanography</i> , <b>2021</b> , 66, 4182	4.8	1
56	Experimental investigation of wave attenuation and bulk drag coefficient in mangrove forest with complex root morphology. <b>2021</b> , 118, 102974		2
55	The influence of infragravity waves on the safety of coastal defences: a case study of the Dutch Wadden Sea. <b>2022</b> , 22, 1-22		0
54	Coastal protection using building with nature concept: A case study from Chongming Dongtan Shoal, China. <b>2021</b> , 40, 152-166		1
53	Parameterization of Mangrove Root Structure of <i>Rhizophora stylosa</i> in Coastal Hydrodynamic Model. <i>Frontiers in Built Environment</i> , <b>2022</b> , 7,	2.2	0
52	An integrated study of wave attenuation by vegetation. <i>Wave Motion</i> , <b>2022</b> , 110, 102878	1.8	0
51	Vegetation bioshield for coastal protection in South Asia: Status and way forward. <i>Journal of Coastal Conservation</i> , <b>2022</b> , 26, 1	1.9	0
50	Multiple-scales analysis of wave evolution in the presence of rigid vegetation. <i>Journal of Fluid Mechanics</i> , <b>2022</b> , 935,	3.7	1
49	How Much Marsh Restoration Is Enough to Deliver Wave Attenuation Coastal Protection Benefits?. <i>Frontiers in Marine Science</i> , <b>2022</b> , 8,	4.5	
48	Wave attenuation by flexible vegetation (and suspended kelp) with blade motion: Analytical solutions. <i>Advances in Water Resources</i> , <b>2022</b> , 104148	4.7	1

47	Wave attenuation through forests under extreme conditions.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1884	4.9	3
46	Bridging the gap between coastal engineering and nature conservation?. <i>Journal of Coastal Conservation</i> , <b>2022</b> , 26, 1	1.9	0
45	Quantifying Frontal-Surface Area of Woody Vegetation: A Crucial Parameter for Wave Attenuation. <i>Frontiers in Marine Science</i> , <b>2022</b> , 9,	4.5	0
44	Wave breaking induced by opposing currents in submerged vegetation canopies. <i>Water Resources Research</i> ,	5.4	0
43	Wave-averaged properties for non-breaking waves in a canopy: Viscous boundary layer and vertical shear stress distribution. <i>Coastal Engineering</i> , <b>2022</b> , 174, 104117	4.8	
42	Morphological wave attenuation of the nature-based flood defense: A case study from Chongming Dongtan Shoal, China.. <i>Science of the Total Environment</i> , <b>2022</b> , 154813	10.2	1
41	Flexible Vegetation And Its Implementation In The Swash Ocean Model. <b>2021</b> ,		
40	A wave damping model for flexible marsh plants with leaves considering linear to weakly nonlinear wave conditions. <i>Coastal Engineering</i> , <b>2022</b> , 104124	4.8	0
39	Multi-Scale Influence of Flexible Submerged Aquatic Vegetation (SAV) on Estuarine Hydrodynamics. <i>Journal of Marine Science and Engineering</i> , <b>2022</b> , 10, 554	2.4	
38	Quantitative delimitation of radiant belt toward lake of lake-terrestrial ecotone. <i>Environmental Sciences Europe</i> , <b>2022</b> , 34,	5	
37	Numerical Investigation of the Attenuation of Tsunami-like Waves by a Vegetated, Sloped Beach. <i>Journal of Earthquake and Tsunami</i> ,	1.1	0
36	Hydrodynamic Characteristics of Idealized Flexible Vegetation under Regular Waves: Experimental Investigations and Analysis. <i>Journal of Coastal Research</i> , <b>2022</b> , 38,	0.6	0
35	Experimental investigation on the characteristics of solitary and elongated solitary waves passing over vegetation belt. <i>Journal of Ocean Engineering and Marine Energy</i> , 1	1.5	
34	Computational Modeling of Coupled Waves and Vegetation Stem Dynamics in Highly Flexible Submerged Meadows. <i>Advances in Water Resources</i> , <b>2022</b> , 104222	4.7	1
33	Laboratory study on the drag coefficient for mangrove forests in regular waves. <i>Ocean Engineering</i> , <b>2022</b> , 255, 111522	3.9	0
32	Modelling wave attenuation through submerged vegetation canopies using a subgrid canopy flow model. <i>Coastal Engineering</i> , <b>2022</b> , 104153	4.8	
31	An experimental study of mangrove-induced resistance on water waves considering the impacts of typical Rhizophora roots. <i>Journal of Geophysical Research: Oceans</i> ,	3.3	0
30	Wave damping by seagrass meadows in combined wave-current conditions. <i>Limnology and Oceanography</i> ,	4.8	0

29	Wave attenuation potential, sediment properties and mangrove growth dynamics data over Guyana's intertidal mudflats: assessing the potential of mangrove restoration works. <i>Earth System Science Data</i> , <b>2022</b> , 14, 2445-2462	10.5	1
28	Modeling wave attenuation by submerged flexible vegetation with XBeach phase-averaged model. <i>Ocean Engineering</i> , <b>2022</b> , 257, 111646	3.9	0
27	An empirical model for predicting wave attenuation inside vegetation domain. <i>Ocean Engineering</i> , <b>2022</b> , 257, 111636	3.9	0
26	Assessing the Coastal Protection Role of Seagrass Meadows Along a Barrier Beach, Southern Romanian Coast. <i>SSRN Electronic Journal</i> ,	1	
25	Experimental Study of Wave Attenuation Across an Artificial Salt Marsh. <i>Frontiers in Built Environment</i> , 8,	2.2	
24	Evaluation of Implicit and Explicit Wave Dissipation Models for Submerged and Emergent Aquatic Vegetation. <i>Journal of Coastal Research</i> , <b>2022</b> , 38,	0.6	
23	Marshes and Mangroves as Nature-Based Coastal Storm Buffers. <i>Annual Review of Marine Science</i> , <b>2023</b> , 15,	15.4	2
22	Wave Attenuation by Vegetation: Model Implementation and Validation Study. <i>Frontiers in Built Environment</i> , 8,	2.2	
21	A Digital Twin modelling framework for the assessment of seagrass Nature Based Solutions against storm surges. <i>Science of the Total Environment</i> , <b>2022</b> , 157603	10.2	2
20	A paradigm shift in the quantification of wave energy attenuation due to saltmarshes based on their standing biomass. <b>2022</b> , 12,		1
19	Frequency-dependent wave damping by tidal wetlands under storm conditions. <b>2022</b> , 613, 128415		0
18	Spatial heterogeneity in sediment and carbon accretion rates within a seagrass meadow correlated with the hydrodynamic intensity. <b>2023</b> , 854, 158685		0
17	Modeling GNSS-R Coherent Scattering from Surface Waters with Wind, Waves, and Vegetation. <b>2022</b> ,		0
16	Coastal Protection by Planted Mangrove Forest during Typhoon Mangkhut. <b>2022</b> , 10, 1288		0
15	Assessing Wave Attenuation by Mangrove Forest in Bac Lieu Province Using XBeach. <b>2023</b> , 691-700		0
14	Mangrove forests as a nature-based solution for coastal flood protection: Biophysical and ecological considerations. <b>2022</b> ,		0
13	Wave attenuation over combined salt marsh vegetation. <b>2023</b> , 267, 113234		0
12	Towards a unified drag coefficient formula for quantifying wave energy reduction by salt marshes. <b>2023</b> , 180, 104256		0

- 11 Numerical Analysis on Influences of Emergent Vegetation Patch on Runup Processes of Focused Wave Groups. **2023**, 11, 8 ○
- 10 Assessing the coastal protection role of seagrass meadows along a barrier beach, southern Romanian coast. **2022**, 102329 ○
- 9 Numerical investigation of solitary wave attenuation and mitigation caused by vegetation using OpenFOAM. 1-19 ○
- 8 Hydrodynamics across seagrass meadows and its impacts on Indonesian coastal ecosystems: A review. 11, ○
- 7 Turbulence Kinetic Energy inside Suspended Vegetation Domain under Periodic Water Waves. **2023**, 149, ○
- 6 Numerical investigation of submerged flexible vegetation dynamics and wave attenuation under combined waves and following currents. **2023**, 278, 114437 ○
- 5 Numerical investigation on solitary waves traveling over rigid vegetation by a 3D-MPS method. **2023**, 132, 103476 ○
- 4 Submarine sedimentary bedforms in the Loukkos estuary, Morocco. **2023**, 200, 104854 ○
- 3 Laboratory study of the effects of terrestrial coastal forests on the absorption of solitary wave force. ○
- 2 Large-Eddy Simulation of Wave Attenuation and Breaking on a Beach with Coastal Vegetation Modelled as Porous Medium. **2023**, 11, 519 ○
- 1 Surface waves and currents in aquatic vegetation. **2023**, 958, ○