

Marcel J F Stive

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7095010/publications.pdf>

Version: 2024-02-01

151
papers

6,538
citations

50244

46
h-index

69214

77
g-index

155
all docs

155
docs citations

155
times ranked

3982
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing mangroves and coastal land cover in the Mekong Delta. Ocean and Coastal Management, 2022, 219, 106013.	2.0	14
2	Nature-Based Solutions for Coastal Engineering and Management. Water (Switzerland), 2021, 13, 976.	1.2	8
3	Laboratory data on wave propagation through vegetation with following and opposing currents. Earth System Science Data, 2021, 13, 4987-4999.	3.7	9
4	Addressing the challenges of climate change risks and adaptation in coastal areas: A review. Coastal Engineering, 2020, 156, 103611.	1.7	93
5	Experimental Assessment of the Flow Resistance of Coastal Wooden Fences. Water (Switzerland), 2020, 12, 1910.	1.2	7
6	Dynamics of a Tidal Current System in a Marginal Sea: A Case Study of the Yellow Sea, China. Frontiers in Marine Science, 2020, 7, .	1.2	2
7	Wind Effects on the Water Age in a Large Shallow Lake. Water (Switzerland), 2020, 12, 1246.	1.2	9
8	Wave Overtopping Discharge for Very Gently Sloping Foreshores. Water (Switzerland), 2020, 12, 1695.	1.2	6
9	Aggregated morphodynamic modelling of tidal inlets and estuaries. Water Science and Engineering, 2020, 13, 1-13.	1.4	6
10	Innovative Vietnamese Research on Mekong Deltaic Coastal Processes. , 2020, , 1377-1381.		0
11	Morphodynamics of a Seasonal Inlet: A Case Study Using Remote Sensing and Numerical Modelling for Cua Dai Inlet, Central Vietnam. , 2020, , 417-425.		1
12	A Laboratory Study of the Shallow Flow Field in a Vegetated Compound Channel. Springer Water, 2020, , 665-675.	0.2	0
13	Numerical modelling of hydrodynamics of permeable pile groins using SWASH. Coastal Engineering, 2019, 153, 103558.	1.7	9
14	A Morphodynamic Modeling Study on the Formation of the Large-scale Radial Sand Ridges in the Southern Yellow Sea. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1742-1761.	1.0	16
15	Exchange Processes Induced by Large Horizontal Coherent Structures in Floodplain Vegetated Channels. Water Resources Research, 2019, 55, 2014-2032.	1.7	24
16	Tidal wave propagation along The Mekong deltaic coast. Estuarine, Coastal and Shelf Science, 2019, 220, 73-98.	0.9	20
17	The Estimation and Evaluation of Shoreline Locations, Shoreline-Change Rates, and Coastal Volume Changes Derived from Landsat Images. Journal of Coastal Research, 2019, 35, 56.	0.1	19
18	Sea Level Rise and Coastal Erosion. , 2018, , 1505-1519.		2

#	ARTICLE	IF	CITATIONS
19	Cross-shore stratified tidal flow seaward of a mega-nourishment. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 200, 59-70.	0.9	1
20	Wave Damping due to Wooden Fences along Mangrove Coasts. <i>Journal of Coastal Research</i> , 2018, 34, 1317.	0.1	21
21	Laboratory validation of SWASH longshore current modelling. <i>Coastal Engineering</i> , 2018, 142, 95-105.	1.7	7
22	Modelling tidal-induced sediment transport in a sand-silt mixed environment from days to years: Application to the Jiangsu coastal water, China. <i>Coastal Engineering</i> , 2018, 141, 86-106.	1.7	11
23	Horizontal Circulation Patterns in a Large Shallow Lake: Taihu Lake, China. <i>Water (Switzerland)</i> , 2018, 10, 792.	1.2	16
24	Exploratory morphodynamic hindcast of the evolution of the abandoned Yellow River delta, 1578â€“1855 CE. <i>Marine Geology</i> , 2017, 383, 99-119.	0.9	14
25	Estuarine Mangrove Squeeze in the Mekong Delta, Vietnam. <i>Journal of Coastal Research</i> , 2017, 33, 747-763.	0.1	20
26	Exploratory morphodynamic modeling of the evolution of the Jiangsu coast, China, since 1855: Contributions of old Yellow River-derived sediment. <i>Marine Geology</i> , 2017, 390, 306-320.	0.9	22
27	The initial morphological response of the Sand Engine: A process-based modelling study. <i>Coastal Engineering</i> , 2017, 119, 1-14.	1.7	95
28	Development and extension of an aggregated scale model: Part 2 â€” Extensions to ASMITA. <i>China Ocean Engineering</i> , 2016, 30, 651-670.	0.6	10
29	Short-term mudflat dynamics drive long-term cyclic salt marsh dynamics. <i>Limnology and Oceanography</i> , 2016, 61, 2261-2275.	1.6	126
30	Development and extension of an aggregated scale model: Part 1 â€” Background to ASMITA. <i>China Ocean Engineering</i> , 2016, 30, 483-504.	0.6	19
31	Small Scale Bedform Types off the South-Holland Coast. <i>Journal of Coastal Research</i> , 2016, 75, 423-426.	0.1	2
32	Conversion of electro-optical signals to sediment concentration in a siltâ€“sand suspension environment. <i>Coastal Engineering</i> , 2016, 114, 284-294.	1.7	7
33	Initial spreading of a mega feeder nourishment: Observations of the Sand Engine pilot project. <i>Coastal Engineering</i> , 2016, 111, 23-38.	1.7	156
34	Windows of opportunity for salt marsh vegetation establishment on bare tidal flats: The importance of temporal and spatial variability in hydrodynamic forcing. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1450-1469.	1.3	112
35	Predicting longâ€“term and shortâ€“term tidal flat morphodynamics using a dynamic equilibrium theory. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1803-1823.	1.0	58
36	COASTAL MANGROVE SQUEEZE IN THE MEKONG DELTA. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	Experiment inspired numerical modeling of sediment concentration over sand"silt mixtures. Coastal Engineering, 2015, 105, 75-89.	1.7	27
38	EFFECT OF DIFFERENT FORCING PROCESSES ON THE LONGSHORE SEDIMENT TRANSPORT AT THE SAND MOTOR, THE NETHERLANDS. Coastal Engineering Proceedings, 2015, 1, 71.	0.1	3
39	Coastal Mangrove Squeeze in the Mekong Delta. Journal of Coastal Research, 2015, 300, 233-243.	0.1	88
40	Tidal Wave Propagation in the Yellow Sea. Coastal Engineering Journal, 2015, 57, 1550008-1-1550008-29.	0.7	19
41	Human impacts on morphodynamic thresholds in estuarine systems. Continental Shelf Research, 2015, 111, 174-183.	0.9	89
42	Numerical modeling of vegetation-induced dissipation using an extended mild-slope equation. Ocean Engineering, 2015, 110, 258-269.	1.9	31
43	PIV measurements of the bottom boundary layer under nonlinear surface waves. Coastal Engineering, 2014, 94, 33-46.	1.7	14
44	Laboratory study on wave dissipation by vegetation in combined current"wave flow. Coastal Engineering, 2014, 88, 131-142.	1.7	160
45	The influence of sea state on formation speed of alongshore variability in surf zone sand bars. Coastal Engineering, 2014, 91, 45-59.	1.7	6
46	Middle shoreface sand transport under the influence of a river plume. Journal of Coastal Research, 2014, 70, 182-186.	0.1	0
47	A New Alternative to Saving Our Beaches from Sea-Level Rise: The Sand Engine. Journal of Coastal Research, 2013, 290, 1001-1008.	0.1	229
48	Re-evaluation and improvement of three commonly used bulk longshore sediment transport formulas. Coastal Engineering, 2013, 75, 29-39.	1.7	63
49	Movement of tidal watersheds in the Wadden Sea and its consequences on the morphological development. International Journal of Sediment Research, 2013, 28, 162-171.	1.8	12
50	Climate-change impact assessment for inlet-interrupted coastlines. Nature Climate Change, 2013, 3, 83-87.	8.1	126
51	Morphological Effects of the Eastern Scheldt Storm Surge Barrier on the Ebb-Tidal Delta. Coastal Engineering Journal, 2013, 55, 1350010-1-1350010-26.	0.7	18
52	Trends in Sea-Level Trend Analysis. Journal of Coastal Research, 2012, 280, 311-315.	0.1	24
53	Impact of the Three Gorges Dam Overruled by an Extreme Climate Hazard. Natural Hazards Review, 2012, 13, 310-316.	0.8	15
54	Process-Based Morphodynamic Modeling of a Schematized Mudflat Dominated by a Long-Shore Tidal Current at the Central Jiangsu Coast, China. Journal of Coastal Research, 2012, 285, 1381-1392.	0.1	24

#	ARTICLE	IF	CITATIONS
55	Role of morphological variability in the evolution of nearshore sandbars. Coastal Engineering, 2012, 69, 19-28.	1.7	14
56	Morphodynamics of the Wadden Sea and its barrier island system. Ocean and Coastal Management, 2012, 68, 39-57.	2.0	93
57	Impact of Back-Barrier Dams on the Development of the Ebb-Tidal Delta of the Eastern Scheldt. Journal of Coastal Research, 2012, 285, 1591-1605.	0.1	18
58	Cross-sectional stability of tidal inlets: A comparison between numerical and empirical approaches. Coastal Engineering, 2012, 60, 21-29.	1.7	28
59	Estimating coastal recession due to sea level rise: beyond the Bruun rule. Climatic Change, 2012, 110, 561-574.	1.7	189
60	Vers un nouveau plan delta pour garder les Pays-Bas Ã lâ€™abri des inondations au cours du 21 ^e siÃ¨cle. Houille Blanche, 2012, 98, 5-10.	0.3	0
61	Controls on river delta formation; insights from numerical modelling. Earth and Planetary Science Letters, 2011, 302, 217-226.	1.8	133
62	Processes controlling the development of a river mouth spit. Marine Geology, 2011, 280, 116-129.	0.9	40
63	Unusual Salinity Conditions in the Yangtze Estuary in 2006: Impacts of an Extreme Drought or of the Three Gorges Dam?. Ambio, 2011, 40, 496-505.	2.8	41
64	Remote sensing of surf zone waves using stereo imaging. Coastal Engineering, 2011, 58, 239-250.	1.7	72
65	Morphodynamic upscaling with the MORFAC approach: Dependencies and sensitivities. Coastal Engineering, 2011, 58, 806-811.	1.7	114
66	Estuary schematisation in behaviour-oriented modelling. Marine Geology, 2011, 281, 27-34.	0.9	21
67	Stone Stability in Nonuniform Flow. Journal of Hydraulic Engineering, 2011, 137, 884-893.	0.7	6
68	How the Dutch plan to stay dry over the next century. Proceedings of the Institution of Civil Engineers: Civil Engineering, 2011, 164, 114-121.	0.3	11
69	Is the Three Gorges Dam the cause behind the extremely low suspended sediment discharge into the Yangtze (Changjiang) Estuary of 2006?. Hydrological Sciences Journal, 2011, 56, 1280-1288.	1.2	36
70	ON THE EFFECTIVENESS OF MANGROVES IN ATTENUATING CYCLONE - INDUCED WAVES. Coastal Engineering Proceedings, 2011, , 50.	0.1	15
71	Hydrodynamic forcing on salt-marsh development: Distinguishing the relative importance of waves and tidal flows. Estuarine, Coastal and Shelf Science, 2010, 89, 73-88.	0.9	142
72	Assessment of extreme drought and human interference on baseflow of the Yangtze River. Hydrological Processes, 2010, 24, 749-757.	1.1	52

#	ARTICLE	IF	CITATIONS
73	Uncertainty in the application of the Parabolic Bay Shape Equation: Part 1. Coastal Engineering, 2010, 57, 132-141.	1.7	26
74	Uncertainty in the application of the parabolic bay shape equation: Part 2. Coastal Engineering, 2010, 57, 142-151.	1.7	19
75	A Numerical Study on Design of Coastal Groins. , 2010, , .		1
76	Modeling of a mixed load fluvio-deltaic system. Geophysical Research Letters, 2010, 37, .	1.5	55
77	Beaches, cliffs and deltas. , 2009, , 158-179.		6
78	Acceleration and Skewness Effects on the Instantaneous Bed-Shear Stresses in Shoaling Waves. Journal of Waterway, Port, Coastal and Ocean Engineering, 2009, 135, 228-234.	0.5	9
79	Rising seas and retreating coastlines. Climatic Change, 2009, 97, 465-468.	1.7	91
80	Dutch coasts in transition. Nature Geoscience, 2009, 2, 450-452.	5.4	106
81	Wave climate, coastal sediment budget and shoreline changes for the Danube Delta. Marine Geology, 2009, 262, 39-49.	0.9	52
82	Coastal Protection Strategies for the Red River Delta. Journal of Coastal Research, 2009, 251, 105-116.	0.1	20
83	WAVE DISSIPATION ON A VEGETATED SALT MARSH. , 2009, , .		0
84	Sea Level Rise and Coastal Erosion. , 2009, , 1023-1037.		12
85	MORPHOLOGICAL STABILITY OF TIDAL INLETS USING PROCESS-BASED MODELLING. , 2009, , .		0
86	STONE STABILITY UNDER DECELERATING OPEN-CHANNEL FLOW. , 2009, , .		1
87	A comment on "Changing estuaries, changing views". Hydrobiologia, 2008, 605, 11-15.	1.0	3
88	Modelling impact of dredging and dumping in ebb-flood channel systems. Transactions of Tianjin University, 2008, 14, 271-281.	3.3	4
89	Quantification of changes in current intensities induced by wave overtopping around low-crested structures. Coastal Engineering, 2008, 55, 113-124.	1.7	19
90	Process-based modeling of the overflow-induced growth of erosional channels. Coastal Engineering, 2008, 55, 468-483.	1.7	10

#	ARTICLE	IF	CITATIONS
91	Living with Sea-Level Rise and Climate Change: A Case Study of the Netherlands. Journal of Coastal Research, 2008, 242, 367-379.	0.1	113
92	Morphological Behavior of Seasonal Closure of Tidal Inlets. , 2007, , 1589.		3
93	Initial Morphologic and Stratigraphic Delta Evolution Related to Buoyant River Plumes. , 2007, , 736.		17
94	Sediment Budget of the Danube Delta Coastal Zone. , 2007, , 207.		5
95	NUMERICAL MODELING OF WAVE OVERWASH ON LOW-CRESTED SAND BARRIERS. , 2007, , .		1
96	Interaction of Dune Face and Swash Zone. , 2007, , .		3
97	Morphodynamics of Texel Inlet, The Netherlands. , 2007, , .		9
98	MODELLING HYDRODYNAMICS IN EELGRASS (ZOSTERA MARINA) BEDS. , 2007, , .		0
99	LONG-TERM MORPHOLOGICAL EVOLUTION OF THE TIDAL INLET "NORDERNEYER SEEGAT". , 2007, , .		2
100	Coarse Particles' Threshold of Motion under Shoaling Waves. , 2006, , 1.		0
101	Effects of Wave Groupiness on Dune Erosion. , 2006, , 1.		0
102	The Effect of Stratification on the Residual Flow in a Mixed-Energy Tide-Dominated Inlet. , 2006, , 1.		0
103	Nearshore Bar Response to Time Varying Conditions. , 2006, , 1.		1
104	Morphological Impacts of Hurricanes Frances and Jeanne (2004) on Nourished Florida Beaches. , 2006, , 1.		0
105	Incipient motion of coarse particles under regular shoaling waves. Coastal Engineering, 2006, 53, 81-92.	1.7	18
106	Field and model data analysis of sand transport patterns in Texel Tidal inlet (the Netherlands). Coastal Engineering, 2006, 53, 505-529.	1.7	66
107	Wave Overwash at Low-Crested Beach Barriers. Coastal Engineering Journal, 2006, 48, 371-393.	0.7	6
108	Ebb and Flood Channel Systems in the Netherlands Tidal Waters1. Journal of Coastal Research, 2005, 216, 1107-1120.	0.1	54

#	ARTICLE	IF	CITATIONS
109	BALANCING RESEARCH EFFORTS AND MANAGEMENT NEEDS: A CHALLENGE FOR COASTAL ENGINEERING. , 2005, , .		4
110	VIDEO MONITORING IN SUPPORT OF COASTAL MANAGEMENT. , 2005, , .		2
111	LONGSHORE VARIATION OF DEPTH OF CLOSURE ON A MICRO-TIDAL WAVE-DOMINATED COAST. , 2005, , .		7
112	How Important is Global Warming for Coastal Erosion?. Climatic Change, 2004, 64, 27-39.	1.7	116
113	Nourishing the shoreface: observations and hindcasting of the Egmond case, The Netherlands. Coastal Engineering, 2004, 51, 813-837.	1.7	107
114	Morphological response of tidal basins to human interventions. Coastal Engineering, 2004, 51, 207-221.	1.7	63
115	Estuarine morphodynamics. Coastal Engineering, 2004, 51, 765-778.	1.7	66
116	Numerical modelling of shoal pattern formation in well-mixed elongated estuaries. Estuarine, Coastal and Shelf Science, 2003, 57, 981-991.	0.9	101
117	Impact of sea-level rise on the morphological equilibrium state of tidal inlets. Marine Geology, 2003, 202, 211-227.	0.9	154
118	Chapter 13 Morphodynamic modeling of tidal basins and coastal inlets. Elsevier Oceanography Series, 2003, , 367-392.	0.1	31
119	GEOPHYSICS: Sandbars in Motion. Science, 2003, 299, 1855-1856.	6.0	16
120	Tidal Inlet Dynamics in Response to Human Intervention. Coastal Engineering Journal, 2003, 45, 629-658.	0.7	33
121	MORPHODYNAMICS AT THE UPDRIFT SIDE OF INLETS. , 2003, , .		1
122	AGGREGATED MORPHOLOGY OF TIDAL INLETS. , 2003, , .		1
123	LINEAR STABILITY OF A DOUBLE-BARRED COAST. , 2003, , .		1
124	Nourishment design and evaluation: applicability of model concepts. Coastal Engineering, 2002, 47, 113-135.	1.7	58
125	A summary of European experience with shore nourishment. Coastal Engineering, 2002, 47, 237-264.	1.7	223
126	Variability of shore and shoreline evolution. Coastal Engineering, 2002, 47, 211-235.	1.7	244

#	ARTICLE	IF	CITATIONS
127	Numerical Simulations of Coastal-Tract Morphodynamics. , 2001, , 403.		8
128	Modelling Inner Surf Zone Hydrodynamics at Egmond (NL). , 2001, , 500.		2
129	Shoreface Sand Supply to Beaches. , 2001, , 2495.		12
130	Video-Based, Quantitative Assessment of Intertidal Beach Variability. , 2001, , 3291.		3
131	Influence of Relative Sea Level Rise on Coastal Inlets and Tidal Basins. , 2001, , 242.		11
132	Hydrodynamic Validation of Delft3D with Field Measurements at Egmond. , 2001, , 2714.		15
133	Soft intervention technology as a tool for integrated coastal zone management. Journal of Coastal Conservation, 2000, 6, 33-40.	0.7	18
134	Shoreline evolution of the Holland coast on a decadal scale. Earth Surface Processes and Landforms, 1999, 24, 517-536.	1.2	57
135	Towards the definition of budget models for the evolution of deltas. Journal of Coastal Conservation, 1998, 4, 7-16.	0.7	7
136	<title>Quantitative assessment of surf-produced sea spray aerosol</title>. , 1998, ,		8
137	Coastal management: Global change â€¦ global observation?. Elsevier Oceanography Series, 1997, 62, 684-693.	0.1	0
138	Impacts of sea-level rise on the Ebro Delta: a first approach. Ocean and Coastal Management, 1996, 30, 197-216.	2.0	24
139	Holocene storm surge signatures in the coastal dunes of the western Netherlands. Marine Geology, 1995, 125, 95-110.	0.9	59
140	Modelling shoreface profile evolution. Marine Geology, 1995, 126, 235-248.	0.9	180
141	Approaches to long-term modelling of coastal morphology: A review. Coastal Engineering, 1993, 21, 225-269.	1.7	245
142	Discussion of â€œPrediction of Storm/Normal Beach Profilesâ€ by Robert A. Dalrymple (March/April, 1992,) Tj ETQq0,0 0 rgBI /Overlock	0.5	7
143	Shore Nourishment and the Active Zone: A Time Scale Dependent View. , 1993, , 2464.		2
144	Holocene evolution of the coast of Holland. Marine Geology, 1992, 103, 423-443.	0.9	112

#	ARTICLE	IF	CITATIONS
145	Sea-level rise and shore nourishment: a discussion. Coastal Engineering, 1991, 16, 147-163.	1.7	48
146	Barâ€generating crossâ€shore flow mechanisms on a beach. Journal of Geophysical Research, 1989, 94, 4785-4800.	3.3	334
147	Quasi-3D modelling of nearshore currents. Coastal Engineering, 1987, 11, 565-601.	1.7	112
148	Cross-shore mean flow in the surf zone. Coastal Engineering, 1986, 10, 325-340.	1.7	114
149	A scale comparison of waves breaking on a beach. Coastal Engineering, 1985, 9, 151-158.	1.7	50
150	Energy dissipation in waves breaking on gentle slopes. Coastal Engineering, 1984, 8, 99-127.	1.7	86
151	A study of radiation stress and set-up in the nearshore region. Coastal Engineering, 1982, 6, 1-25.	1.7	142