

# Andres Payo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/285238/publications.pdf>

Version: 2024-02-01

41  
papers

812  
citations

567281

15  
h-index

501196

28  
g-index

53  
all docs

53  
docs citations

53  
times ranked

948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shifting perspectives on coastal impacts and adaptation. <i>Nature Climate Change</i> , 2014, 4, 752-755.	18.8	97
2	Projected changes in area of the Sundarban mangrove forest in Bangladesh due to SLR by 2100. <i>Climatic Change</i> , 2016, 139, 279-291.	3.6	90
3	Appropriate complexity for the prediction of coastal and estuarine geomorphic behaviour at decadal to centennial scales. <i>Geomorphology</i> , 2016, 256, 3-16.	2.6	81
4	Agricultural livelihoods in coastal Bangladesh under climate and environmental change – a model framework. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1018-1031.	3.5	75
5	Berm and Dune Erosion during a Storm. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2009, 135, 1-10.	1.2	56
6	Simulating mesoscale coastal evolution for decadal coastal management: A new framework integrating multiple, complementary modelling approaches. <i>Geomorphology</i> , 2016, 256, 68-80.	2.6	53
7	Multispectral satellite imagery and machine learning for the extraction of shoreline indicators. <i>Coastal Engineering</i> , 2022, 174, 104102.	4.0	49
8	Cross-shore suspended sand and bed load transport on beaches. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	38
9	Modeling daily soil salinity dynamics in response to agricultural and environmental changes in coastal Bangladesh. <i>Earth's Future</i> , 2017, 5, 495-514.	6.3	26
10	Experiential Lock-In: Characterizing Avoidable Maladaptation in Infrastructure Systems. <i>Journal of Infrastructure Systems</i> , 2016, 22, .	1.8	20
11	Overlapping sea level time series measured using different technologies: an example from the REDMAR Spanish network. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 589-610.	3.6	18
12	Causal Loop Analysis of coastal geomorphological systems. <i>Geomorphology</i> , 2016, 256, 36-48.	2.6	17
13	Coastal Modelling Environment version 1.0: a framework for integrating landform-specific component models in order to simulate decadal to centennial morphological changes on complex coasts. <i>Geoscientific Model Development</i> , 2017, 10, 2715-2740.	3.6	17
14	Development of an automatic delineation of cliff top and toe on very irregular planform coastlines (CliffMetrics v1.0). <i>Geoscientific Model Development</i> , 2018, 11, 4317-4337.	3.6	16
15	Feedback structure of cliff and shore platform morphodynamics. <i>Journal of Coastal Conservation</i> , 2015, 19, 847-859.	1.6	15
16	Responding to climate change around England's coast - The scale of the transformational challenge. <i>Ocean and Coastal Management</i> , 2022, 225, 106187.	4.4	14
17	A Quantitative Assessment of the Annual Contribution of Platform Downwearing to Beach Sediment Budget: Happisburgh, England, UK. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 113.	2.6	12
18	Scarping predictability of sandy beaches in a multidirectional wave basin. <i>Ciencias Marinas</i> , 2008, 34, 45-54.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Open Digital Shoreline Analysis System: ODSAS v1.0. Journal of Marine Science and Engineering, 2022, 10, 26.	2.6	12
20	Dynamics of the Sundarbans Mangroves in Bangladesh Under Climate Change. , 2018, , 489-503.		11
21	A Method to Extract Measurable Indicators of Coastal Cliff Erosion from Topographical Cliff and Beach Profiles: Application to North Norfolk and Suffolk, East England, UK. Journal of Marine Science and Engineering, 2020, 8, 20.	2.6	11
22	Uncertainty assessment: Application to the shoreline. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 96-104.	1.7	9
23	Shoreline Change from Optical and Sar Satellite Imagery at Macro-Tidal Estuarine, Clifed Open-Coast and Gravel Pocket-Beach Environments. Journal of Marine Science and Engineering, 2022, 10, 561.	2.6	8
24	Effect of wind and waves on a nearshore brine discharge dilution in the east coast of Spain. Desalination and Water Treatment, 2010, 18, 71-79.	1.0	6
25	Communicating Simulation Outputs of Mesoscale Coastal Evolution to Specialist and Non-Specialist Audiences. Journal of Marine Science and Engineering, 2020, 8, 235.	2.6	6
26	Optimization of beach profile spacing: an applicable tool for coastal monitoring. Scientia Marina, 2011, .	0.6	6
27	Suspended Sand Transport along Pier Depression. Journal of Waterway, Port, Coastal and Ocean Engineering, 2009, 135, 245-249.	1.2	5
28	Geometrical Analysis of the Inland Topography to Assess the Likely Response of Wave-Dominated Coastline to Sea Level: Application to Great Britain. Journal of Marine Science and Engineering, 2020, 8, 866.	2.6	5
29	Discussion of Ford, M.R.; Becker, J.M., and Merrifield, M.A. 2013. Reef Flat Wave Processes and Excavation Pits: Observations and Implications for Majuro Atoll, Marshall Islands. Journal of Coastal Research, 29(3), 545-554. Journal of Coastal Research, 2013, 290, 1236-1242.	0.3	4
30	Application of portable streamer traps for obtaining point measurements of total longshore sediment transport rates in mixed sand and gravel beaches. Coastal Engineering, 2020, 156, 103580.	4.0	4
31	Passive Seismic Surveys for Beach Thickness Evaluation at Different England (UK) Sites. Journal of Marine Science and Engineering, 2022, 10, 667.	2.6	4
32	Integrative Analysis Applying the Delta Dynamic Integrated Emulator Model in South-West Coastal Bangladesh. , 2018, , 525-574.		3
33	CROSS SHORE SUSPENDED SAND TRANSPORT ON BEACHES. , 2007, , .		3
34	Morphodynamic Study of a 2018 Mass-Stranding Event at Punta Umbria Beach (Spain): Effect of Atlantic Storm Emma on Benthic Marine Organisms. Journal of Marine Science and Engineering, 2019, 7, 344.	2.6	2
35	An Integrated Approach Providing Scientific and Policy-Relevant Insights for South-West Bangladesh. , 2018, , 49-69.		2
36	Evidence of Former Sea Levels from a Passive Seismic Survey at a Sandy Beach; Perranporth, SW England, UK. Journal of Marine Science and Engineering, 2022, 10, 569.	2.6	2

#	ARTICLE	IF	CITATIONS
37	A MULTI-LANDFORM NUMERICAL FRAMEWORK FOR MODELLING LARGE SCALE COASTAL MORPHODYNAMICS. , 2015, , .		1
38	BEACH RENOURISHMENT STRATEGIES. , 2007, , .		1
39	Lagrangian Measurements for Monitoring Suspended Sediment Dynamics in Shallow Water Regions. Proceedings of Coastal Engineering Jsce, 2008, 55, 1441-1445.	0.1	0
40	Cuantificando la incertidumbre: aplicaci3n a la l3nea de playa. Ingenier3a Del Agua, 2004, 11, 211.	0.4	0
41	SUSPENDED SEDIMENT TRANSPORT INSIDE AND OUTSIDE SURF ZONES. , 2009, , .		0