

# Simon J Pittman

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,971  
citations

236612

25  
h-index

205818

48  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2945  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seascape ecology of coastal biogenic habitats: advances, gaps, and challenges. <i>Marine Ecology - Progress Series</i> , 2011, 427, 191-217.	0.9	339
2	Multi-Scale Approach for Predicting Fish Species Distributions across Coral Reef Seascapes. <i>PLoS ONE</i> , 2011, 6, e20583.	1.1	202
3	Movements of Marine Fish and Decapod Crustaceans: Process, Theory and Application. <i>Advances in Marine Biology</i> , 2003, 44, 205-294.	0.7	189
4	Comparative evaluation of airborne LiDAR and ship-based multibeam SoNAR bathymetry and intensity for mapping coral reef ecosystems. <i>Remote Sensing of Environment</i> , 2009, 113, 1082-1100.	4.6	161
5	Using Lidar Bathymetry and Boosted Regression Trees to Predict the Diversity and Abundance of Fish and Corals. <i>Journal of Coastal Research</i> , 2009, 10053, 27-38.	0.1	160
6	Predictive mapping of fish species richness across shallow-water seascapes in the Caribbean. <i>Ecological Modelling</i> , 2007, 204, 9-21.	1.2	147
7	Linking fish and prawns to their environment: a hierarchical landscape approach. <i>Marine Ecology - Progress Series</i> , 2004, 283, 233-254.	0.9	139
8	Fish spawning aggregations: where well-placed management actions can yield big benefits for fisheries and conservation. <i>Fish and Fisheries</i> , 2017, 18, 128-144.	2.7	134
9	Quantifying the conservation value of seascape connectivity: a global synthesis. <i>Global Ecology and Biogeography</i> , 2016, 25, 3-15.	2.7	123
10	Practicing coastal seascape ecology. <i>Marine Ecology - Progress Series</i> , 2011, 427, 187-190.	0.9	108
11	Quantifying seascape structure: extending terrestrial spatial pattern metrics to the marine realm. <i>Marine Ecology - Progress Series</i> , 2011, 427, 219-232.	0.9	104
12	Using seascape types to explain the spatial patterns of fish in the mangroves of SW Puerto Rico. <i>Marine Ecology - Progress Series</i> , 2007, 348, 273-284.	0.9	90
13	Fish with Chips: Tracking Reef Fish Movements to Evaluate Size and Connectivity of Caribbean Marine Protected Areas. <i>PLoS ONE</i> , 2014, 9, e96028.	1.1	83
14	Diel movements of fishes linked to benthic seascape structure in a Caribbean coral reef ecosystem. <i>Marine Ecology - Progress Series</i> , 2011, 427, 275-291.	0.9	77
15	A Landscape Ecology Approach for the Study of Ecological Connectivity Across Tropical Marine Seascapes. , 2009, , 493-530.		72
16	Benthic structure and cryptic mortality in a Caribbean mesophotic coral reef bank system, the Hind Bank Marine Conservation District, U.S. Virgin Islands. <i>Coral Reefs</i> , 2010, 29, 289-308.	0.9	72
17	Defining the qualitative elements of Aichi Biodiversity Target 11 with regard to the marine and coastal environment in order to strengthen global efforts for marine biodiversity conservation outlined in the United Nations Sustainable Development Goal 14. <i>Marine Policy</i> , 2018, 93, 241-250.	1.5	71
18	Biogeographic assessments: A framework for information synthesis in marine spatial planning. <i>Marine Policy</i> , 2015, 51, 423-432.	1.5	47

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19	Marine parks for coastal cities: A concept for enhanced community well-being, prosperity and sustainable city living. <i>Marine Policy</i> , 2019, 103, 160-171.	1.5	46
20	Patterns of scale-dependency and the influence of map resolution on the seascape ecology of reef fish. <i>Marine Ecology - Progress Series</i> , 2011, 427, 259-274.	0.9	45
21	Seascape models reveal places to focus coastal fisheries management. <i>Ecological Applications</i> , 2018, 28, 910-925.	1.8	35
22	Nocturnal fish movement and trophic flow across habitat boundaries in a coral reef ecosystem (SW Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	34
23	Mapping Reef Fish and the Seascape: Using Acoustics and Spatial Modeling to Guide Coastal Management. <i>PLoS ONE</i> , 2014, 9, e85555.	1.1	34
24	PelagiCam: a novel underwater imaging system with computer vision for semi-automated monitoring of mobile marine fauna at offshore structures. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 11.	1.3	32
25	The influence of seafloor terrain on fish and fisheries: A global synthesis. <i>Fish and Fisheries</i> , 2021, 22, 707-734.	2.7	30
26	Emerging themes to support ambitious UK marine biodiversity conservation. <i>Marine Policy</i> , 2020, 117, 103864.	1.5	29
27	Tracking and mapping sun-synchronous migrations and diel space use patterns of <i>Haemulon sciurus</i> and <i>Lutjanus apodus</i> in the U.S. Virgin Islands. <i>Environmental Biology of Fishes</i> , 2011, 92, 525-538.	0.4	26
28	Advancing Landscape and Seascape Ecology from a 2D to a 3D Science. <i>BioScience</i> , 2021, 71, 596-608.	2.2	25
29	Short-term consequences of a benthic cyanobacterial bloom ( <i>Lyngbya majuscula</i> Gomont) for fish and penaeid prawns in Moreton Bay (Queensland, Australia). <i>Estuarine, Coastal and Shelf Science</i> , 2005, 63, 619-632.	0.9	24
30	Spatial patterns of seagrasses and salinity regimes interact to structure marine faunal assemblages in a subtropical bay. <i>Marine Ecology - Progress Series</i> , 2018, 594, 21-38.	0.9	24
31	Seascape ecology of fishes on coral reefs. , 2015, , 274-282.		23
32	Long-term spatial dynamics in vegetated seascapes: fragmentation and habitat loss in a human-impacted subtropical lagoon. <i>Marine Ecology</i> , 2016, 37, 200-214.	0.4	23
33	Investigating the behavioural responses of trapped fishes using underwater video surveillance. <i>Journal of Fish Biology</i> , 2012, 81, 1611-1625.	0.7	21
34	Bridging the divide: Social-ecological coherence in Marine Protected Area network design. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 754-763.	0.9	21
35	Functional diversity metrics detect spatio-temporal changes in the fish communities of a Caribbean marine protected area. <i>Ecosphere</i> , 2018, 9, e02433.	1.0	20
36	Bringing seascape ecology to the deep seabed: A review and framework for its application. <i>Limnology and Oceanography</i> , 2022, 67, 66-88.	1.6	18

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37	Impact of derelict fish traps in Caribbean waters: an experimental approach. <i>Bulletin of Marine Science</i> , 2014, 90, 551-563.	0.4	15
38	Life below water: Fish spawning aggregations as bright spots for a sustainable ocean. <i>Conservation Letters</i> , 2020, 13, e12722.	2.8	14
39	Rapid Site Selection to Prioritize Coastal Seascapes for Nature-Based Solutions With Multiple Benefits. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	13
40	Explaining island-wide geographical patterns of Caribbean fish diversity: A multi-scale seascape ecology approach. <i>Marine Ecology</i> , 2017, 38, e12434.	0.4	12
41	Application of Estuarine and Coastal Classifications in Marine Spatial Management. , 2011, , 163-205.		11
42	Dredging fundamentally reshapes the ecological significance of 3D terrain features for fish in estuarine seascapes. <i>Landscape Ecology</i> , 2022, 37, 1385-1400.	1.9	10
43	Habitat Suitability Modeling to Inform Seascape Connectivity Conservation and Management. <i>Diversity</i> , 2021, 13, 465.	0.7	9
44	Decision support framework for the prioritization of coral reefs in the U.S. Virgin Islands. <i>Ecological Informatics</i> , 2018, 47, 26-34.	2.3	8
45	Development of a reef fish biological condition gradient model with quantitative decision rules for the protection and restoration of coral reef ecosystems. <i>Marine Pollution Bulletin</i> , 2020, 159, 111387.	2.3	8
46	LiDAR Applications. , 2013, , 145-174.		7
47	Dredging transforms the seafloor and enhances functional diversity in urban seascapes. <i>Science of the Total Environment</i> , 2022, 831, 154811.	3.9	7
48	Influence of seascape spatial pattern on the trophic niche of an omnivorous fish. <i>Ecosphere</i> , 2022, 13, .	1.0	6
49	An assessment of chemical contaminants in sediments from the St. Thomas East End Reserves, St. Thomas, USVI. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4793-4806.	1.3	4
50	Movement patterns of juvenile Atlantic tarpon ( <i>Megalops atlanticus</i> ) in Brewers Bay, St. Thomas, U.S. Virgin Islands. <i>Animal Biotelemetry</i> , 2021, 9, .	0.8	4
51	Seafloor Terrain Shapes the Three-dimensional Nursery Value of Mangrove and Seagrass Habitats. <i>Ecosystems</i> , 0, , .	1.6	4
52	Identifying conservation priorities for gorgonian forests in Italian coastal waters with multiple methods including citizen science and social media content analysis. <i>Diversity and Distributions</i> , 2022, 28, 1430-1444.	1.9	4
53	Remote Sensing and Modeling of Coral Reef Resilience. <i>Coastal Research Library</i> , 2014, , 103-134.	0.2	3
54	Linking Weather Patterns, Water Quality And Invasive Mussel Distributions In The Development And Application Of A Water Clarity Index For The Great Lakes. , 2018, , .		3

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55	Linking Cetaceans to Their Environment: Spatial Data Acquisition, Digital Processing and Predictive Modeling for Marine Spatial Planning in the Northwest Atlantic. , 2010, , 387-408.		1