

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	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
2	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
3	Influence of seascape spatial pattern on the trophic niche of an omnivorous fish. <i>Ecosphere</i> , 2022, 13, .	1.0	6
4	Dredging transforms the seafloor and enhances functional diversity in urban seascapes. <i>Science of the Total Environment</i> , 2022, 831, 154811.	3.9	7
5	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
6	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
7	The influence of seafloor terrain on fish and fisheries: A global synthesis. <i>Fish and Fisheries</i> , 2021, 22, 707-734.	2.7	30
8	Advancing Landscape and Seascape Ecology from a 2D to a 3D Science. <i>BioScience</i> , 2021, 71, 596-608.	2.2	25
9	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
10	Habitat Suitability Modeling to Inform Seascape Connectivity Conservation and Management. <i>Diversity</i> , 2021, 13, 465.	0.7	9
11	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
12	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
13	Life below water: Fish spawning aggregations as bright spots for a sustainable ocean. <i>Conservation Letters</i> , 2020, 13, e12722.	2.8	14
14	Emerging themes to support ambitious UK marine biodiversity conservation. <i>Marine Policy</i> , 2020, 117, 103864.	1.5	29
15	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
16	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
17	Seascape models reveal places to focus coastal fisheries management. <i>Ecological Applications</i> , 2018, 28, 910-925.	1.8	35
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Quantifying the conservation value of seascape connectivity: a global synthesis. <i>Global Ecology and Biogeography</i> , 2016, 25, 3-15.	2.7	123
26	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
27	Seascape ecology of fishes on coral reefs. , 2015, , 274-282.		23
28	Biogeographic assessments: A framework for information synthesis in marine spatial planning. <i>Marine Policy</i> , 2015, 51, 423-432.	1.5	47
29	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
30	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
31	Impact of derelict fish traps in Caribbean waters: an experimental approach. <i>Bulletin of Marine Science</i> , 2014, 90, 551-563.	0.4	15
32	Remote Sensing and Modeling of Coral Reef Resilience. <i>Coastal Research Library</i> , 2014, , 103-134.	0.2	3
33	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
34	LiDAR Applications. , 2013, , 145-174.		7
35	Investigating the behavioural responses of trapped fishes using underwater video surveillance. <i>Journal of Fish Biology</i> , 2012, 81, 1611-1625.	0.7	21
36	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

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37	Practicing coastal seascape ecology. <i>Marine Ecology - Progress Series</i> , 2011, 427, 187-190.	0.9	108
38	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
39	Application of Estuarine and Coastal Classifications in Marine Spatial Management. , 2011, , 163-205.		11
40	Multi-Scale Approach for Predicting Fish Species Distributions across Coral Reef Seascapes. <i>PLoS ONE</i> , 2011, 6, e20583.	1.1	202
41	Seascape ecology of coastal biogenic habitats: advances, gaps, and challenges. <i>Marine Ecology - Progress Series</i> , 2011, 427, 191-217.	0.9	339
42	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
43	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
44	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
45	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
46	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
47	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
48	A Landscape Ecology Approach for the Study of Ecological Connectivity Across Tropical Marine Seascapes. , 2009, , 493-530.		72
49	Nocturnal fish movement and trophic flow across habitat boundaries in a coral reef ecosystem (SW) Tj ETQq1 1 0.784314 rgBT /Over 0,2 34		
50	Predictive mapping of fish species richness across shallow-water seascapes in the Caribbean. <i>Ecological Modelling</i> , 2007, 204, 9-21.	1.2	147
51	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
52	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
53	Linking fish and prawns to their environment: a hierarchical landscape approach. <i>Marine Ecology - Progress Series</i> , 2004, 283, 233-254.	0.9	139
54	Movements of Marine Fish and Decapod Crustaceans: Process, Theory and Application. <i>Advances in Marine Biology</i> , 2003, 44, 205-294.	0.7	189

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55	Seafloor Terrain Shapes the Three-dimensional Nursery Value of Mangrove and Seagrass Habitats. Ecosystems, 0, , .	1.6	4