

Modeled Impact of Anthropogenic Warming on the Frequency of Hurricanes

Science

327, 454-458

DOI: [10.1126/science.1180568](https://doi.org/10.1126/science.1180568)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Estimating 21st century changes in extreme sea levels around Western Australia. IOP Conference Series: Earth and Environmental Science, 2010, 11, 012033.	0.2	2
2	Unarrested development. Nature Climate Change, 2010, 1, 36-38.	8.1	1
3	An Estimate of Increases in Storm Surge Risk to Property from Sea Level Rise in the First Half of the Twenty-First Century. Weather, Climate, and Society, 2010, 2, 271-293.	0.5	32
4	A Validation Analysis on Typhoon Initializations Using the Tropical Cyclone Potential Vorticity Bogussing Scheme. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2010, 66, 391-395.	0.0	0
5	The Eocene storm-dominated foralgal ramp of the western Pyrenees (Urbasaâ€Andia Formation): An analogue of future shallow-marine carbonate systems?. Sedimentary Geology, 2010, 228, 184-204.	1.0	48
6	Molecular basis of cholera bloodâ€group dependence and implications for a world characterized by climate change. FEBS Letters, 2010, 584, 2548-2555.	1.3	33
8	Trends in climate extremes affecting human settlements. Current Opinion in Environmental Sustainability, 2010, 2, 151-155.	3.1	10
9	Evaluation of the Productivity Decrease Risk Due to a Future Increase in Tropical Cyclone Intensity in Japan. Risk Analysis, 2010, 30, 1789-1802.	1.5	9
10	Plant responses to simulated hurricane impacts in a subtropical wet forest, Puerto Rico. Journal of Ecology, 2010, 98, 659-673.	1.9	92
11	Tropical cyclones in the mix. Nature, 2010, 463, 1032-1033.	13.7	14
12	Sediment reactions defy dogma. Nature, 2010, 463, 1033-1034.	13.7	20
14	Skilful multi-year predictions of Atlantic hurricaneâ€frequency. Nature Geoscience, 2010, 3, 846-849.	5.4	239
15	Tropical cyclones and climate change. Nature Geoscience, 2010, 3, 157-163.	5.4	2,533
16	Dynamics and distribution of natural and human-caused hypoxia. Biogeosciences, 2010, 7, 585-619.	1.3	880
17	Possible Impacts of Global Warming on Typhoon Activity in the Vicinity of Taiwan. , 2010, , .		3
18	Natural and human-induced hypoxia and consequences for coastal areas: synthesis and future development. Biogeosciences, 2010, 7, 1443-1467.	1.3	358
20	An Analysis of the Effect of Global Warming on the Intensity of Atlantic Hurricanes Using a GCM with Statistical Refinement. Journal of Climate, 2010, 23, 6382-6393.	1.2	70
21	The global atmospheric water cycle. Environmental Research Letters, 2010, 5, 025202.	2.2	120

#	ARTICLE	IF	CITATIONS
22	Effects of Hurricane Katrina and Salvage Logging on Bachman's Sparrow. <i>Condor</i> , 2010, 112, 744-753.	0.7	15
23	Towards Direct Simulation of Future Tropical Cyclone Statistics in a High-Resolution Global Atmospheric Model. <i>Advances in Meteorology</i> , 2010, 2010, 1-13.	0.6	29
24	Risk communication for catastrophic events: results from focus groups. <i>Journal of Risk Research</i> , 2010, 13, 913-935.	1.4	6
25	Killer storms: North Atlantic hurricanes and disease outbreaks in sea urchins. <i>Limnology and Oceanography</i> , 2010, 55, 2331-2338.	1.6	45
26	High sea-floor stress induced by extreme hurricane waves. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	7
27	Climate response to tropical cyclone-induced ocean mixing in an Earth system model of intermediate complexity. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
28	Identifying the sedimentary imprint of high-frequency Holocene river floods in lake sediments: development and application of a new method. <i>Quaternary Science Reviews</i> , 2010, 29, 3021-3033.	1.4	62
29	Climate Modulation of North Atlantic Hurricane Tracks. <i>Journal of Climate</i> , 2010, 23, 3057-3076.	1.2	265
30	Hydroclimatology of the U.S. Gulf Coast Under Global Climate Change Scenarios. <i>Physical Geography</i> , 2011, 32, 561-582.	0.6	26
31	Estimating Annual Numbers of Atlantic Hurricanes Missing from the HURDAT Database (1878-1965) Using Ship Track Density. <i>Journal of Climate</i> , 2011, 24, 1736-1746.	1.2	136
32	Scenarios for Coastal Vulnerability Assessment. , 2011, , 289-303.		14
33	Climate Change: Effects, Causes, Consequences. , 2011, , 303-315.		3
34	Effects of Experimental Seaweed Deposition on Lizard and Ant Predation in an Island Food Web. <i>Science</i> , 2011, 331, 461-463.	6.0	43
35	Influence of hurricane-related activity on North American extreme precipitation. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	81
36	Is the recorded increase in short-duration North Atlantic tropical storms spurious?. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	51
37	Dynamically downscaled simulations of Australian region tropical cyclones in current and future climates. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	47
38	Bubble cloud depth under a hurricane. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	9
39	Fluorescence characteristics and sources of dissolved organic matter for stream water during storm events in a forested mid-Atlantic watershed. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	155

#	ARTICLE	IF	CITATIONS
40	Regional-scale scenario modeling for coral reefs: a decision support tool to inform management of a complex system. , 2011, 21, 1380-1398.		53
41	Avian studies and research opportunities in the Luquillo Experimental Forest: A tropical rain forest in Puerto Rico. <i>Forest Ecology and Management</i> , 2011, 262, 33-48.	1.4	17
42	Effect of sea-level rise on piping plover (<i>Charadrius melodus</i>) breeding habitat. <i>Biological Conservation</i> , 2011, 144, 393-401.	1.9	37
43	Scale- and resolution-invariance of suitable geographic range for shorebird metapopulations. <i>Ecological Complexity</i> , 2011, 8, 364-376.	1.4	26
44	Testing coral-based tropical cyclone reconstructions: An example from Puerto Rico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 307, 90-97.	1.0	8
45	North Atlantic Tropical Storm Frequency Response to Anthropogenic Forcing: Projections and Sources of Uncertainty. <i>Journal of Climate</i> , 2011, 24, 3224-3238.	1.2	51
47	Coupling Biophysical and Socioeconomic Models for Coral Reef Systems in Quintana Roo, Mexican Caribbean. <i>Ecology and Society</i> , 2011, 16, .	1.0	20
48	Shaping Sea-Level Rise Adaptation Policy through Science: The North Carolina Sea Level Rise Risk Management Study. , 2011, , .		0
49	Do Tropical Cyclones Shape Shorebird Habitat Patterns? <i>Biogeoclimatology of Snowy Plovers in Florida</i> . <i>PLoS ONE</i> , 2011, 6, e15683.	1.1	27
50	Global Warming Effects on U.S. Hurricane Damage. <i>Weather, Climate, and Society</i> , 2011, 3, 261-268.	0.5	153
51	Changes in precipitation with climate change. <i>Climate Research</i> , 2011, 47, 123-138.	0.4	2,463
52	High Mortality for Rare Species Following Hurricane Disturbance in the Southern Yucatán. <i>Biotropica</i> , 2011, 43, 676-684.	0.8	36
53	A decadal-resolved paleohurricane record archived in the late Holocene sediments of a Florida sinkhole. <i>Marine Geology</i> , 2011, 287, 14-30.	0.9	123
54	Regional-scale scenario analysis for the Meso-American Reef system: Modelling coral reef futures under multiple stressors. <i>Ecological Modelling</i> , 2011, 222, 1756-1770.	1.2	23
55	Improving Societal Outcomes of Extreme Weather in a Changing Climate: An Integrated Perspective. <i>Annual Review of Environment and Resources</i> , 2011, 36, 1-25.	5.6	172
56	Tropical cyclones, climate change, and scientific uncertainty: what do we know, what does it mean, and what should be done?. <i>Climatic Change</i> , 2011, 108, 543-579.	1.7	42
57	Storm surge projections and implications for water management in South Florida. <i>Climatic Change</i> , 2011, 107, 109-128.	1.7	21
58	Sinking ships: conservation options for endemic taxa threatened by sea level rise. <i>Climatic Change</i> , 2011, 107, 147-167.	1.7	52

#	ARTICLE	IF	CITATIONS
59	Assessing municipal vulnerability to predicted sea level rise: City of Satellite Beach, Florida. <i>Climatic Change</i> , 2011, 107, 203-223.	1.7	15
60	How the aggressiveness of rainfalls in the Mediterranean lands is enhanced by climate change. <i>Climatic Change</i> , 2011, 108, 591-599.	1.7	47
61	Climate hotspots: key vulnerable regions, climate change and limits to warming. <i>Regional Environmental Change</i> , 2011, 11, 1-13.	1.4	112
62	Adaptation behavior in the face of global climate change: Survey responses from experts and decision makers serving the Florida Keys. <i>Ocean and Coastal Management</i> , 2011, 54, 37-44.	2.0	57
63	An abrupt increase of intense typhoons over the western North Pacific in early summer. <i>Environmental Research Letters</i> , 2011, 6, 034013.	2.2	27
64	Emergence timescales for detection of anthropogenic climate change in US tropical cyclone loss data. <i>Environmental Research Letters</i> , 2011, 6, 014003.	2.2	32
66	Impact of Seawalls on Loggerhead Sea Turtle (<i>Caretta caretta</i>) Nesting and Hatching Success. <i>Journal of Coastal Research</i> , 2011, 27, 166-173.	0.1	38
67	Estimating Contemporary and Future Wind-Damage Losses from Hurricanes Affecting Eglin Air Force Base, Florida. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 1514-1526.	0.6	6
68	The Response of Tropical Cyclone Statistics to an Increase in CO ₂ with Fixed Sea Surface Temperatures. <i>Journal of Climate</i> , 2011, 24, 5353-5364.	1.2	108
69	Effects of Tropical Cyclones on Ocean Heat Transport in a High-Resolution Coupled General Circulation Model. <i>Journal of Climate</i> , 2011, 24, 4368-4384.	1.2	296
70	The Impact of Future Climate Change on TC Intensity and Structure: A Downscaling Approach. <i>Journal of Climate</i> , 2011, 24, 4644-4661.	1.2	115
71	The Dynamical Core, Physical Parameterizations, and Basic Simulation Characteristics of the Atmospheric Component AM3 of the GFDL Global Coupled Model CM3. <i>Journal of Climate</i> , 2011, 24, 3484-3519.	1.2	887
72	Estimating the Impact of Projected Climate Change on Runoff across the Tropical Savannas and Semiarid Rangelands of Northern Australia. <i>Journal of Hydrometeorology</i> , 2012, 13, 483-503.	0.7	21
73	Internal Variability of the Dynamically Downscaled Tropical Cyclone Activity over the Western North Pacific by the IPRC Regional Atmospheric Model. <i>Journal of Climate</i> , 2012, 25, 2104-2122.	1.2	18
74	Tropical Cyclone Genesis Factors in Simulations of the Last Glacial Maximum. <i>Journal of Climate</i> , 2012, 25, 4348-4365.	1.2	55
75	Distributions and Trends of Death and Destruction from Hurricanes in the United States, 1900–2008. <i>Natural Hazards Review</i> , 2012, 13, 57-64.	0.8	25
76	Shore Protection against Sea Level Rise and Tropical Cyclones in Small Island States. <i>Natural Hazards Review</i> , 2012, 13, 106-116.	0.8	7
77	Breeding biology and population increase of the Endangered Bermuda Petrel <i>Pterodroma cahow</i> . <i>Bird Conservation International</i> , 2012, 22, 35-45.	0.7	30

#	ARTICLE	IF	CITATIONS
78	Coastal Impacts, Adaptation, and Vulnerabilities. , 2012, , .		28
79	Environment, migration and the European demographic deficit. Environmental Research Letters, 2012, 7, 015605.	2.2	10
80	Quantifying the hurricane risk to offshore wind turbines. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3247-3252.	3.3	68
81	Long term versus warm phase, part II: hurricane loss analysis. Journal of Risk Finance, 2012, 13, 118-132.	3.6	1
82	Physically based assessment of hurricane surge threat under climate change. Nature Climate Change, 2012, 2, 462-467.	8.1	470
83	An assessment of uncertainties and limitations in simulating tropical cyclone climatology and future. , 2012, , .		15
84	Hurricanes and rising global temperatures. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19513-19514.	3.3	12
85	Macroalgae at Gray's Reef National Marine Sanctuary, Georgia. Southeastern Naturalist, 2012, 11, 477-486.	0.2	1
87	Tropical cyclone intensification trends during satellite era (1986â€“2010). Geophysical Research Letters, 2012, 39, .	1.5	27
88	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
89	Wicked Challenges at Land's End: Managing Coastal Vulnerability Under Climate Change. Annual Review of Environment and Resources, 2012, 37, 51-78.	5.6	152
90	Exploring children's vulnerability to climate change and their role in advancing climate change adaptation in East Asia and the Pacific. Environmental Development, 2012, 3, 123-136.	1.8	31
91	Ecological Effects of Climate Change on Salt Marsh Wildlife: A Case Study from a Highly Urbanized Estuary. Journal of Coastal Research, 2012, 285, 1477-1487.	0.1	41
92	Twenty-first-century projections of North Atlantic tropical storms from CMIP5 models. Nature Climate Change, 2012, 2, 604-607.	8.1	129
93	The effects of beach nourishment on benthic invertebrates in eastern Australia: Impacts and variable recovery. Science of the Total Environment, 2012, 435-436, 411-417.	3.9	54
94	Global trends in tropical cyclone risk. Nature Climate Change, 2012, 2, 289-294.	8.1	536
95	U.S. Landfalling and North Atlantic Hurricanes: Statistical Modeling of Their Frequencies and Ratios. Monthly Weather Review, 2012, 140, 44-65.	0.5	46
96	Variability of tropical cyclone occurrence date in the South China Sea and its relationship with SST warming. Dynamics of Atmospheres and Oceans, 2012, 55-56, 45-59.	0.7	17

#	ARTICLE	IF	CITATIONS
97	Deep uncertainty in long-term hurricane risk: Scenario generation and implications for future climate experiments. <i>Global Environmental Change</i> , 2012, 22, 703-712.	3.6	24
98	Climate change impacts on tropical cyclones and extreme sea levels in the South Pacific – A regional assessment. <i>Global and Planetary Change</i> , 2012, 80-81, 149-164.	1.6	106
99	Weakening of hurricanes via marine cloud brightening (MCB). <i>Atmospheric Science Letters</i> , 2012, 13, 231-237.	0.8	16
100	Manmade Vulnerability of the Cancun Beach System: The Case of Hurricane Wilma. <i>Clean - Soil, Air, Water</i> , 2012, 40, 911-919.	0.7	25
101	Dissolved organic matter export from a forested watershed during Hurricane Irene. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	110
102	Investigating the Use of a Genesis Potential Index for Tropical Cyclones in the North Atlantic Basin. <i>Journal of Climate</i> , 2012, 25, 8611-8626.	1.2	107
103	Recent advances in regional air-sea coupled models. <i>Science China Earth Sciences</i> , 2012, 55, 1391-1405.	2.3	12
104	Differential Response to Soil Salinity in Endangered Key Tree Cactus: Implications for Survival in a Changing Climate. <i>PLoS ONE</i> , 2012, 7, e32528.	1.1	9
105	Stressed but Stable: Canopy Loss Decreased Species Synchrony and Metabolic Variability in an Intertidal Hard-Bottom Community. <i>PLoS ONE</i> , 2012, 7, e36541.	1.1	23
106	Changes in Impacts of Climate Extremes: Human Systems and Ecosystems. , 2012, , 231-290.		129
107	Climate Change and the Caribbean: Review and Response. <i>Caribbean Studies</i> , 2012, 40, 169-200.	0.0	78
108	Ambiguity and Insurance: Robust Capital Requirements and Premiums. <i>SSRN Electronic Journal</i> , 2012, , .	0.4	1
109	Changes in climate and weather extremes in the 21st century. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2012, 3, 115-129.	3.6	125
110	Tropical cyclone activity and western North Atlantic stratification over the last millennium: a comparative review with viable connections. <i>Journal of Quaternary Science</i> , 2012, 27, 337-343.	1.1	9
111	Species-rich ecosystems are vulnerable to cascading extinctions in an increasingly variable world. <i>Ecology and Evolution</i> , 2012, 2, 858-874.	0.8	36
112	Risk assessment for adult butterflies exposed to the mosquito control pesticide naled. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 885-891.	2.2	13
113	Tropical Cyclone Climatology in a 10-km Global Atmospheric GCM: Toward Weather-Resolving Climate Modeling. <i>Journal of Climate</i> , 2012, 25, 3867-3893.	1.2	157
114	A new approach for the determination of the drag coefficient from the upper ocean response to a tropical cyclone: a feasibility study. <i>Journal of Oceanography</i> , 2012, 68, 227-241.	0.7	11

#	ARTICLE	IF	CITATIONS
115	Shortcomings in climate model simulations of the ENSO-Atlantic hurricane teleconnection. <i>Climate Dynamics</i> , 2012, 38, 1973-1988.	1.7	7
116	Evolution and modulation of tropical heating from the last glacial maximum through the twenty-first century. <i>Climate Dynamics</i> , 2012, 38, 1501-1519.	1.7	30
117	Radiative forcing of natural forest disturbances. <i>Global Change Biology</i> , 2012, 18, 555-565.	4.2	122
118	Storm flooding sensitivity to sea level rise for Galveston Bay, Texas. <i>Ocean Engineering</i> , 2012, 44, 23-32.	1.9	46
119	An outbreak of sea urchin disease associated with a recent hurricane: Support for the "killer storm hypothesis" on a local scale. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 413, 159-168.	0.7	25
120	Understanding the Potential Impacts of Global Climate Change on Marsh Birds in the Gulf of Mexico Region. <i>Wetlands</i> , 2012, 32, 35-49.	0.7	25
121	Climate change impacts on international seaports: knowledge, perceptions, and planning efforts among port administrators. <i>Climatic Change</i> , 2012, 110, 5-29.	1.7	184
122	Climate extremes, location vulnerability and private costs of property protection in Southwestern Cameroon. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2012, 17, 293-310.	1.0	7
123	Community disassembly and reassembly following experimental storm surge and wrack application. <i>Journal of Vegetation Science</i> , 2013, 24, 46-57.	1.1	30
124	Climate change impact and uncertainty analysis of extreme rainfall events in the Apalachicola River basin, Florida. <i>Journal of Hydrology</i> , 2013, 480, 125-135.	2.3	86
125	Haiti Earthquake 2010: Psychosocial Impacts. <i>Encyclopedia of Earth Sciences Series</i> , 2013, , 419-424.	0.1	4
126	Ocean Warming. , 2013, , 45-65.		0
127	Valuing the Ocean Environment. , 2013, , 243-275.		1
128	A note on climate change adaptation for seaports: a challenge for global ports, a challenge for global society. <i>Climatic Change</i> , 2013, 120, 683-695.	1.7	111
129	Estimating the United States Population at Risk from Coastal Flood-Related Hazards. <i>Coastal Research Library</i> , 2013, , 151-183.	0.2	10
130	Coastal Hazards. <i>Coastal Research Library</i> , 2013, , .	0.2	17
131	Seasonal tropical cyclone precipitation in Texas: A statistical modeling approach based on a 60 year climatology. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8842-8856.	1.2	11
132	The interactive effects of excess reactive nitrogen and climate change on aquatic ecosystems and water resources of the United States. <i>Biogeochemistry</i> , 2013, 114, 71-92.	1.7	162

#	ARTICLE	IF	CITATIONS
133	Changes in abiotic influences on seed plants and ferns during 18 years of primary succession on Puerto Rican landslides. <i>Journal of Ecology</i> , 2013, 101, 650-661.	1.9	53
134	Green Jobs. , 2013, , 1287-1296.		1
135	Resolution dependence of tropical cyclone formation in CMIP3 and finer resolution models. <i>Climate Dynamics</i> , 2013, 40, 585-599.	1.7	73
136	Relationship between wind power production and North Atlantic atmospheric circulation over the northeastern Iberian Peninsula. <i>Climate Dynamics</i> , 2013, 40, 935-949.	1.7	18
137	Temporal variation in end-member chemistry and its influence on runoff mixing patterns in a forested, Piedmont catchment. <i>Water Resources Research</i> , 2013, 49, 1828-1844.	1.7	74
138	Sinuosity of tropical cyclone tracks in the South West Indian Ocean: Spatio-temporal patterns and relationships with fundamental storm attributes. <i>Applied Geography</i> , 2013, 45, 29-40.	1.7	15
139	Multiproxy probing of rainwater dissolved organic matter (DOM) composition in coastal storms as a function of trajectory. <i>Marine Chemistry</i> , 2013, 154, 67-76.	0.9	25
140	Insuring future climate catastrophes. <i>Climatic Change</i> , 2013, 118, 339-354.	1.7	24
141	Potential impacts of climate change on warmwater megafauna: the Florida manatee example (<i>Trichechus manatus latirostris</i>). <i>Climatic Change</i> , 2013, 121, 727-738.	1.7	22
142	An "extreme" future for estuaries? Effects of extreme climatic events on estuarine water quality and ecology. <i>Marine Pollution Bulletin</i> , 2013, 69, 7-18.	2.3	170
143	Dynamical Downscaling Projections of Twenty-First-Century Atlantic Hurricane Activity: CMIP3 and CMIP5 Model-Based Scenarios. <i>Journal of Climate</i> , 2013, 26, 6591-6617.	1.2	316
144	Estimating Surge-Based Flood Risk with the Coastal Louisiana Risk Assessment Model. <i>Journal of Coastal Research</i> , 2013, 67, 109-126.	0.1	32
145	A Review of Common Bottlenose Dolphins (<i>Tursiops truncatus truncatus</i>) in the Northern Gulf of Mexico: Population Biology, Potential Threats, and Management. <i>Southeastern Naturalist</i> , 2013, , .	0.2	9
146	Projections of Future Extreme Weather Losses Under Changes in Climate and Exposure. <i>Risk Analysis</i> , 2013, 33, 915-930.	1.5	131
147	Seismic stratigraphy of the Blue Hole (Lighthouse Reef, Belize), a late Holocene climate and storm archive. <i>Marine Geology</i> , 2013, 344, 155-162.	0.9	30
148	How is the frequency, location and severity of extreme events likely to change up to 2060?. <i>Environmental Science and Policy</i> , 2013, 27, S4-S14.	2.4	59
149	Ecomorphodynamic feedbacks and barrier island response to disturbance: Insights from the Virginia Barrier Islands, Mid-Atlantic Bight, USA. <i>Geomorphology</i> , 2013, 199, 115-128.	1.1	68
150	Forest response to increasing typhoon activity on the Korean peninsula: evidence from oak tree rings. <i>Global Change Biology</i> , 2013, 19, 498-504.	4.2	47

#	ARTICLE	IF	CITATIONS
151	Green Chemistry. , 2013, , 1287-1287.		0
152	Floods in a Changing Climate. <i>Geography Compass</i> , 2013, 7, 95-115.	1.5	50
153	When is local the best paradigm? Breeding history influences conservation reintroduction survival and population trajectories in times of extreme climate events. <i>Biological Conservation</i> , 2013, 159, 277-284.	1.9	77
154	The development of world oceans & coasts and concepts of sustainability. <i>Marine Policy</i> , 2013, 42, 157-165.	1.5	63
155	Climate Disruption: Are We Beyond the Worst Case Scenario?. <i>Global Policy</i> , 2013, 4, 32-42.	1.0	8
156	Impacts of Atmospheric Temperature Trends on Tropical Cyclone Activity. <i>Journal of Climate</i> , 2013, 26, 3877-3891.	1.2	83
157	Brown Pelican (<i>Pelecanus occidentalis</i>) Colony Initiation Attempts: Translocations and Decoys. <i>Waterbirds</i> , 2013, 36, 53-62.	0.2	5
158	Atlantic Hurricanes and Climate Change. Part II: Role of Thermodynamic Changes in Decreased Hurricane Frequency. <i>Journal of Climate</i> , 2013, 26, 8513-8528.	1.2	9
159	Assessment of Inundation Risk from Sea Level Rise and Storm Surge in Northeastern Coastal National Parks. <i>Journal of Coastal Research</i> , 2013, 291, 1-16.	0.1	55
160	The effects of adaptation and mitigation on coastal flood impacts during the 21st century. An application of the DIVA and IMAGE models. <i>Climatic Change</i> , 2013, 117, 783-794.	1.7	64
161	Extreme weather events influence the phytoplankton community structure in a large lowland subtropical lake (Lake Okeechobee, Florida, USA). <i>Hydrobiologia</i> , 2013, 709, 213-226.	1.0	47
162	Population-Environment Interactions: European Migration, Population Composition and Climate Change. <i>Environmental and Resource Economics</i> , 2013, 55, 525-541.	1.5	21
163	Marine Ecosystems, Biogeochemistry, and Climate. <i>International Geophysics</i> , 2013, 103, 817-842.	0.6	7
164	Future Changes in Structures of Extremely Intense Tropical Cyclones Using a 2-km Mesh Nonhydrostatic Model. <i>Journal of Climate</i> , 2013, 26, 9986-10005.	1.2	33
165	Seasonal Predictions of Tropical Cyclones Using a 25-km-Resolution General Circulation Model. <i>Journal of Climate</i> , 2013, 26, 380-398.	1.2	136
166	Method for Estimating Future Hurricane Flood Probabilities and Associated Uncertainty. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2013, 139, 126-134.	0.5	17
167	North American Tropical Cyclone Landfall and SST: A Statistical Model Study. <i>Journal of Climate</i> , 2013, 26, 8422-8439.	1.2	34
168	Observed versus GCM-Generated Local Tropical Cyclone Frequency: Comparisons Using a Spatial Lattice. <i>Journal of Climate</i> , 2013, 26, 8257-8268.	1.2	24

#	ARTICLE	IF	CITATIONS
169	Spatially Inhomogeneous Trends of Tropical Cyclone Intensity over the Western North Pacific for 1977–2010. <i>Journal of Climate</i> , 2013, 26, 5088-5101.	1.2	21
170	Atlantic Hurricanes and Climate Change. Part I: Experimental Design and Isolation of Thermodynamic Effects. <i>Journal of Climate</i> , 2013, 26, 4876-4893.	1.2	32
171	Sea surface height evidence for long-term warming effects of tropical cyclones on the ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15207-15210.	3.3	62
172	Sea-Level Rise Effects on Storm Surge and Nearshore Waves on the Texas Coast: Influence of Landscape and Storm Characteristics. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2013, 139, 98-117.	0.5	59
173	Sensitivity of climate mitigation strategies to natural disturbances. <i>Environmental Research Letters</i> , 2013, 8, 015018.	2.2	21
174	Global and Regional Aspects of Tropical Cyclone Activity in the CMIP5 Models. <i>Journal of Climate</i> , 2013, 26, 9880-9902.	1.2	269
175	Downscaling CMIP5 climate models shows increased tropical cyclone activity over the 21st century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12219-12224.	3.3	626
176	Oceans and Marine Resources in a Changing Climate. , 2013, , .		17
177	Multiyear Predictions of North Atlantic Hurricane Frequency: Promise and Limitations. <i>Journal of Climate</i> , 2013, 26, 5337-5357.	1.2	57
178	Effect of Polyacrylamide Gel on Woody Plant Establishment in Barrier Island Swales. <i>Natural Areas Journal</i> , 2013, 33, 395-403.	0.2	1
179	Hurricane, Habitat Degradation, and Land Loss Effects on Brown Pelican Nesting Colonies. <i>Journal of Coastal Research</i> , 2013, 291, 187-195.	0.1	19
180	Observational evidence supports the role of tropical cyclones in regulating climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15173-15174.	3.3	10
181	The impacts of tropical cyclones on the net carbon balance of eastern US forests (1851–2000). <i>Environmental Research Letters</i> , 2013, 8, 045017.	2.2	31
182	Paths to Sustainable Ocean Resources. , 2013, , 301-348.		1
183	Projected Increases in North Atlantic Tropical Cyclone Intensity from CMIP5 Models. <i>Journal of Climate</i> , 2013, 26, 3231-3240.	1.2	150
184	Projected Atlantic hurricane surge threat from rising temperatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5369-5373.	3.3	177
185	Megaregion Network Simulation for Evacuation Analysis. <i>Transportation Research Record</i> , 2013, 2397, 161-170.	1.0	22
186	Public Health and Global Climate Disruption. <i>Public Health Reviews</i> , 2013, 35, .	1.3	2

#	ARTICLE	IF	CITATIONS
187	Variations in tropical cyclone precipitation in Texas (1950 to 2009). <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3085-3096.	1.2	22
188	Observed changes in hurricane-driven waves explain the dynamics of modern cusped shorelines. <i>Geophysical Research Letters</i> , 2013, 40, 5867-5871.	1.5	23
189	More hurricanes to hit western Europe due to global warming. <i>Geophysical Research Letters</i> , 2013, 40, 1783-1788.	1.5	117
190	Effects of Anthropogenic Changes and Management. , 2013, , 206-249.		0
191	Insect Responses to Environmental Changes. , 2013, , 70-113.		0
192	Greenbury Report (UK). , 2013, , 1303-1308.		1
193	Predictions of barrier island berm evolution in a time-varying storm climatology. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 300-316.	1.0	32
194	Postfire influences of snag attrition on albedo and radiative forcing. <i>Geophysical Research Letters</i> , 2014, 41, 9135-9142.	1.5	8
195	Geoengineering Coastlines? From Accidental to Intentional. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	1
196	Decentralized Management Hinders Coastal Climate Adaptation: The Spatial Dynamics of Beach Nourishment. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	0
197	Decentralized Management Hinders Coastal Climate Adaptation: The Spatial-Dynamics of Beach Nourishment. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	0
198	A Plan for Characterizing Uncertainties in Extreme Environmental Loads with Climate Change Considerations: Wind Speed and Wave Height as Case Studies. , 2014, , .		1
199	Physically-based hurricane risk analysis. , 0, , 88-98.		1
200	Beyond Hurricane Sandy: What Might the Future Hold for Tropical Cyclones in the North Atlantic?. <i>Journal of Extreme Events</i> , 2014, 01, 1450007.	1.2	13
201	Interactions between barrier islands and backbarrier marshes affect island system response to sea level rise: Insights from a coupled model. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 2013-2031.	1.0	70
202	Tropical and extratropical cyclone damages under climate change. <i>Climatic Change</i> , 2014, 127, 227-241.	1.7	43
203	Testing the Performance of Tropical Cyclone Genesis Indices in Future Climates Using the HiRAM Model. <i>Journal of Climate</i> , 2014, 27, 9171-9196.	1.2	109
204	Influence of Model Biases on Projected Future Changes in Tropical Cyclone Frequency of Occurrence*. <i>Journal of Climate</i> , 2014, 27, 2159-2181.	1.2	57

#	ARTICLE	IF	CITATIONS
205	Economic Growth and Climate Change Challenges to Vietnamese Ports. , 2014, , 339-354.		3
206	Downscaling of Climate Information. Regional Climate Studies, 2014, , 201-250.	1.2	8
207	Local amplification of storm surge by Super Typhoon Haiyan in Leyte Gulf. Geophysical Research Letters, 2014, 41, 5106-5113.	1.5	181
208	Hurricane wind hazard assessment for a rapidly warming climate scenario. Journal of Wind Engineering and Industrial Aerodynamics, 2014, 133, 242-249.	1.7	35
209	Cascading Effects of Climate Change: Do Hurricane-damaged Forests Increase Risk of Exposure to Parasites?. Biotropica, 2014, 46, 25-31.	0.8	23
210	Do Seasonal Tropical Storm Forecasts Affect Crack Spread Prices?. Journal of Futures Markets, 2014, 34, 420-433.	0.9	7
211	Climate Change. JAMA - Journal of the American Medical Association, 2014, 312, 1565.	3.8	354
212	Environmental control of tropical cyclones in CMIP5: A ventilation perspective. Journal of Advances in Modeling Earth Systems, 2014, 6, 115-128.	1.3	45
213	Characteristics of tropical cyclones in high-resolution models in the present climate. Journal of Advances in Modeling Earth Systems, 2014, 6, 1154-1172.	1.3	111
214	Mitigating Harmful Cyanobacterial Blooms in a Human- and Climatically-Impacted World. Life, 2014, 4, 988-1012.	1.1	197
215	Modeling the transport of freshwater and dissolved organic carbon in the Neuse River Estuary, NC, USA following Hurricane Irene (2011). Estuarine, Coastal and Shelf Science, 2014, 139, 148-158.	0.9	43
216	Understanding the key mechanisms of tropical forest responses to canopy loss and biomass deposition from experimental hurricane effects. Forest Ecology and Management, 2014, 332, 1-10.	1.4	54
217	Tropical cyclones in enhanced resolution CMIP5 experiments. Climate Dynamics, 2014, 42, 665-681.	1.7	18
218	Recent intense hurricane response to global climate change. Climate Dynamics, 2014, 42, 617-627.	1.7	267
219	Decadal variations of intense tropical cyclones over the western North Pacific during 1948-2010. Advances in Atmospheric Sciences, 2014, 31, 57-65.	1.9	38
220	Bias corrections of global models for regional climate simulations of high-impact weather. Climate Dynamics, 2014, 43, 1847-1856.	1.7	182
221	Seasonal pattern of dissolved organic matter (DOM) in watershed sources: influence of hydrologic flow paths and autumn leaf fall. Biogeochemistry, 2014, 118, 321-337.	1.7	102
222	Typhoon Impact and Crisis Management. Advances in Natural and Technological Hazards Research, 2014, , .	1.1	8

#	ARTICLE	IF	CITATIONS
223	An inter-hemispheric comparison of the tropical storm response to global warming. <i>Climate Dynamics</i> , 2014, 42, 2147-2157.	1.7	15
224	Storm event patterns of particulate organic carbon (POC) for large storms and differences with dissolved organic carbon (DOC). <i>Biogeochemistry</i> , 2014, 118, 61-81.	1.7	73
225	Climate extremes drive changes in functional community structure. <i>Global Change Biology</i> , 2014, 20, 1821-1831.	4.2	83
226	Reducing Disaster: Early Warning Systems For Climate Change. , 2014, , .		18
227	The role of ecosystems in coastal protection: Adapting to climate change and coastal hazards. <i>Ocean and Coastal Management</i> , 2014, 90, 50-57.	2.0	444
228	Biotemplated synthesis of highly stable calcium-based sorbents for CO2 capture via a precipitation method. <i>Applied Energy</i> , 2014, 118, 32-40.	5.1	46
229	Monitoring and Prediction of Tropical Cyclones in the Indian Ocean and Climate Change. , 2014, , .		14
230	On the Seasonal Forecasting of Regional Tropical Cyclone Activity. <i>Journal of Climate</i> , 2014, 27, 7994-8016.	1.2	340
231	Tropical Cyclone Simulation and Response to CO2 Doubling in the GFDL CM2.5 High-Resolution Coupled Climate Model. <i>Journal of Climate</i> , 2014, 27, 8034-8054.	1.2	115
232	A Weibull Approach for Improving Climate Model Projections of Tropical Cyclone Wind-Speed Distributions. <i>Journal of Climate</i> , 2014, 27, 6119-6133.	1.2	31
233	Nd isotopic structure of the Pacific Ocean 70±30 Ma and numerical evidence for vigorous ocean circulation and ocean heat transport in a greenhouse world. <i>Paleoceanography</i> , 2014, 29, 454-469.	3.0	53
234	Natural Disasters and Climate Change. , 2014, , .		30
235	Responses to canopy loss and debris deposition in a tropical forest ecosystem: Synthesis from an experimental manipulation simulating effects of hurricane disturbance. <i>Forest Ecology and Management</i> , 2014, 332, 124-133.	1.4	61
236	Changes in spatial point patterns of pioneer woody plants across a large tropical landslide. <i>Acta Oecologica</i> , 2014, 61, 9-18.	0.5	34
237	Migration Amidst Climate Rigidity Traps: Resource Politics and Socialâ€œEcological Possibilism in Honduras and Peru. <i>Annals of the American Association of Geographers</i> , 2014, 104, 292-304.	3.0	41
238	Coastal sensitivity assessment for Thiruvananthapuram, west coast of India. <i>Natural Hazards</i> , 2014, 73, 1369-1392.	1.6	17
239	The cost of living in the Anthropocene. <i>Earth Perspectives -- Transdisciplinarity Enabled</i> , 2014, 1, 2.	1.4	25
240	Hydrologic Variability and Its Control of Phytoplankton Community Structure and Function in Two Shallow, Coastal, Lagoonal Ecosystems: The Neuse and New River Estuaries, North Carolina, USA. <i>Estuaries and Coasts</i> , 2014, 37, 31-45.	1.0	67

#	ARTICLE	IF	CITATIONS
241	Tropical Cyclone Impacts on Coastal Regions: the Case of the Yucatán and the Baja California Peninsulas, Mexico. <i>Estuaries and Coasts</i> , 2014, 37, 1388-1402.	1.0	46
242	Regional loss estimation due to hurricane wind and hurricane-induced surge considering climate variability. <i>Structure and Infrastructure Engineering</i> , 2014, 10, 1369-1384.	2.0	22
243	Sustainability and place: How emerging mega-trends of the 21st century will affect humans and nature at the landscape level. <i>Ecological Engineering</i> , 2014, 65, 33-48.	1.6	41
244	Geomorphological impacts of high-latitude storm waves on low-latitude reef islands " Observations of the December 2008 event on Nukutoa, Takuu, Papua New Guinea. <i>Geomorphology</i> , 2014, 222, 106-121.	1.1	58
245	Sustainability of forest management under changing climatic conditions in the southern United States: Adaptation strategies, economic rents and carbon sequestration. <i>Journal of Environmental Management</i> , 2014, 139, 80-87.	3.8	20
246	A geospatial dataset for U.S. hurricane storm surge and sea-level rise vulnerability: Development and case study applications. <i>Climate Risk Management</i> , 2014, 2, 26-41.	1.5	42
247	Assessing the vulnerability of coastal infrastructure to sea level rise using multi-criteria analysis in Scarborough, Maine (USA). <i>Ocean and Coastal Management</i> , 2014, 95, 176-188.	2.0	35
248	Climate Change Influences on Marine Infectious Diseases: Implications for Management and Society. <i>Annual Review of Marine Science</i> , 2014, 6, 249-277.	5.1	484
249	Evaluation of Climate Models. , 2014, , 741-866.		458
250	Marine cloud brightening: regional applications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20140053.	1.6	48
251	Modeled dependence of wind and waves on ocean temperature in tropical cyclones. <i>Geophysical Research Letters</i> , 2014, 41, 7383-7390.	1.5	8
252	Probabilistic 21st and 22nd century sea-level projections at a global network of tide-gauge sites. <i>Earth's Future</i> , 2014, 2, 383-406.	2.4	672
253	Modes and emergent time scales of embayed beach dynamics. <i>Geophysical Research Letters</i> , 2014, 41, 7270-7275.	1.5	28
254	Future Changes in Gulf of Mexico Hurricane Wave Climatology. , 2014, , .		2
256	Storm-triggered, increased supply of sediment-derived phosphorus to the epilimnion in a small freshwater lake. <i>Inland Waters</i> , 2015, 5, 15-26.	1.1	14
257	The Carbon Cycle and Hurricanes in the United States between 1900 and 2011. <i>Scientific Reports</i> , 2014, 4, 5197.	1.6	17
258	Quantifying the sensitivity of maximum, limiting, and potential tropical cyclone intensity to SST: Observations versus the FSU/COAPS global climate model. <i>Journal of Advances in Modeling Earth Systems</i> , 2015, 7, 586-599.	1.3	11
259	Simulation and Prediction of Category 4 and 5 Hurricanes in the High-Resolution GFDL HiFLOR Coupled Climate Model*. <i>Journal of Climate</i> , 2015, 28, 9058-9079.	1.2	181

#	ARTICLE	IF	CITATIONS
260	Morphometric analysis of tropical storm and hurricane tracks in the North Atlantic basin using a sinuosity-based approach. <i>International Journal of Climatology</i> , 2015, 35, 923-934.	1.5	9
261	Analysis of Washington, DC, Wind and Temperature Extremes with Examination of Climate Change for Engineering Applications. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering</i> , 2015, 1, 04014005.	1.1	12
262	Changes in Tropical Cyclone Activity over Northwest Western Australia in the Past 50 Years and a View of the Future 50 Years. <i>Earth Interactions</i> , 2015, 19, 1-24.	0.7	8
263	EVALUATION OF STORM SURGES AROUND THE KOREAN PENINSULA IN PRESENT AND FUTURE CLIMATES. <i>Coastal Engineering Proceedings</i> , 2015, 1, 23.	0.1	2
264	Climate Change Impact on Probability Analysis of Hurricanes. <i>Journal of Earth Science & Climatic Change</i> , 2015, 06, .	0.2	0
265	Public Health Adaptation to Climate Change in Canadian Jurisdictions. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 623-651.	1.2	51
266	Novel Solution for Low-Lying Land Areas Safe from Natural Hazards—Toward Reconstruction of Lost Coastal Areas in Northeast Japan. <i>Journal of Marine Science and Engineering</i> , 2015, 3, 520-538.	1.2	2
267	Future increase of supertyphoon intensity associated with climate change. <i>Geophysical Research Letters</i> , 2015, 42, 646-652.	1.5	101
268	Global representation of tropical cyclone-induced short-term ocean thermal changes using Argo data. <i>Ocean Science</i> , 2015, 11, 719-741.	1.3	35
269	Geoengineering Coastlines? From Accidental to Intentional. , 2015, , 99-122.		6
270	Change in ocean subsurface environment to suppress tropical cyclone intensification under global warming. <i>Nature Communications</i> , 2015, 6, 7188.	5.8	91
271	Climate forcing of unprecedented intense hurricane activity in the last 2000 years. <i>Earth's Future</i> , 2015, 3, 49-65.	2.4	93
272	Impact on the coral reefs at Yongle Atoll, Xisha Islands, South China Sea from a strong typhoon direct sweep: Wutip, September 2013. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 457-466.	1.0	24
273	Problematising loss and damage. <i>International Journal of Global Warming</i> , 2015, 8, 274.	0.2	31
274	Hurricanes and Climate: The U.S. CLIVAR Working Group on Hurricanes. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 997-1017.	1.7	158
275	Physiological Profiles as Indicators of Response to Hurricane Disturbance for Three Coastal Wetland Species. <i>Journal of Coastal Research</i> , 2015, 314, 986-993.	0.1	7
276	North Atlantic Hurricane Activity: Past, Present and Future. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2015, , 285-301.	0.2	4
277	Fine resolution simulations of the effect of climate change on tropical cyclones in the South Pacific. <i>Climate Dynamics</i> , 2015, 45, 2619-2631.	1.7	17

#	ARTICLE	IF	CITATIONS
278	Probabilistic Multiple Linear Regression Modeling for Tropical Cyclone Intensity. <i>Monthly Weather Review</i> , 2015, 143, 933-954.	0.5	45
279	Uneven inputs of woody debris to Appalachian streams from superstorm Sandy. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 1-6.	0.7	101
280	Quantifying the Effects of Long-Term Climate Change on Tropical Cyclone Rainfall Using a Cloud-Resolving Model: Examples of Two Landfall Typhoons in Taiwan. <i>Journal of Climate</i> , 2015, 28, 66-85.	1.2	48
281	Role of climate change in increasing occurrences oceanic hazards as a potential threat to coastal ecology. <i>Natural Hazards</i> , 2015, 75, 1223-1245.	1.6	8
282	Seasonal differences and response to a tropical storm reflected in diatom assemblage changes in a southwest Florida watershed. <i>Ecological Indicators</i> , 2015, 57, 139-148.	2.6	7
283	Toarcian extreme warmth led to tropical cyclone intensification. <i>Earth and Planetary Science Letters</i> , 2015, 425, 120-130.	1.8	75
284	Natural and Forced North Atlantic Hurricane Potential Intensity Change in CMIP5 Models*. <i>Journal of Climate</i> , 2015, 28, 3926-3942.	1.2	36
285	Tropical cyclone rainfall area controlled by relative sea surface temperature. <i>Nature Communications</i> , 2015, 6, 6591.	5.8	139
286	Application of Bayesian Networks to hindcast barrier island morphodynamics. <i>Coastal Engineering</i> , 2015, 102, 30-43.	1.7	32
287	Influence of future tropical cyclone track changes on their basin-wide intensity over the western North Pacific: Downscaled CMIP5 projections. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 613-623.	1.9	28
288	Tropical Cyclone Storm Surge Risk. <i>Current Climate Change Reports</i> , 2015, 1, 74-84.	2.8	31
289	A new concept for the safety of low-lying land areas from natural disasters. <i>Journal of Ocean Engineering and Marine Energy</i> , 2015, 1, 19-29.	0.9	8
290	Stakeholder Perceptions of Seaport Resilience Strategies: A Case Study of Gulfport (Mississippi) and Providence (Rhode Island). <i>Coastal Management</i> , 2015, 43, 1-34.	1.0	48
291	Stay or Go? Examining Decision Making and Behavior in Hurricane Evacuations. <i>Environment</i> , 2015, 57, 28-41.	0.8	22
292	Extremely Intense Hurricanes: Revisiting Webster et al. (2005) after 10 Years. <i>Journal of Climate</i> , 2015, 28, 7621-7629.	1.2	91
293	Nutrient enrichment intensifies hurricane impact in scrub mangrove ecosystems in the Indian River Lagoon, Florida, USA. <i>Ecology</i> , 2015, 96, 2960-2972.	1.5	55
294	The emerging threats of climate change on tropical coastal ecosystem services, public health, local economies and livelihood sustainability of small islands: Cumulative impacts and synergies. <i>Marine Pollution Bulletin</i> , 2015, 101, 5-28.	2.3	107
295	Recent decrease in typhoon destructive potential and global warming implications. <i>Nature Communications</i> , 2015, 6, 7182.	5.8	113

#	ARTICLE	IF	CITATIONS
296	Global Projections of Intense Tropical Cyclone Activity for the Late Twenty-First Century from Dynamical Downscaling of CMIP5/RCP4.5 Scenarios. <i>Journal of Climate</i> , 2015, 28, 7203-7224.	1.2	371
297	Cascading Effects of Canopy Opening and Debris Deposition from a Large-Scale Hurricane Experiment in a Tropical Rain Forest. <i>BioScience</i> , 2015, 65, 871-881.	2.2	73
298	Habitat and species identity, not diversity, predict the extent of refuse consumption by urban arthropods. <i>Global Change Biology</i> , 2015, 21, 1103-1115.	4.2	47
299	Quaternary reef response to sea-level and environmental change in the western Atlantic. <i>Sedimentology</i> , 2015, 62, 429-465.	1.6	29
300	Modeling high-impact weather and climate: lessons from a tropical cyclone perspective. <i>Climatic Change</i> , 2015, 129, 381-395.	1.7	109
301	Towards seaport resilience for climate change adaptation: Stakeholder perceptions of hurricane impacts in Gulfport (MS) and Providence (RI). <i>Progress in Planning</i> , 2015, 99, 1-49.	2.3	60
302	On the relationship between hurricane cost and the integrated wind profile. <i>Environmental Research Letters</i> , 2016, 11, 114005.	2.2	26
303	A Review of ENSO Influence on the North Atlantic. A Non-Stationary Signal. <i>Atmosphere</i> , 2016, 7, 87.	1.0	67
305	High-Resolution Climate Simulations Using GFDL HiRAM with a Stretched Global Grid. <i>Journal of Climate</i> , 2016, 29, 4293-4314.	1.2	111
306	Evaluation of downscaled <sc>CMIP5</sc> model skill in simulating daily maximum temperature over the southeastern United States. <i>International Journal of Climatology</i> , 2016, 36, 4172-4180.	1.5	14
307	Impacts of an Extreme Weather-Related Episodic Event on the Hudson River and Estuary. <i>Environmental Engineering Science</i> , 2016, 33, 270-282.	0.8	9
308	Impacts of climate change on mangrove ecosystems: a region by region overview. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	1.5	355
309	A framework to analyze vulnerability of critical infrastructure to climate change: the case of a coastal community in Florida. <i>Natural Hazards</i> , 2016, 84, 589-609.	1.6	17
310	Tropical cyclones and climate change. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 65-89.	3.6	471
312	Synoptic and quantitative attributions of the extreme precipitation leading to the August 2016 Louisiana flood. <i>Geophysical Research Letters</i> , 2016, 43, 11,805.	1.5	27
313	The Role of Floating Plants in Dispersal of Biota Across Habitats and Ecosystems. , 2016, , 76-94.		12
314	Rainfall-enhanced blooming in typhoon wakes. <i>Scientific Reports</i> , 2016, 6, 31310.	1.6	27
315	Mitigating cyanobacterial harmful algal blooms in aquatic ecosystems impacted by climate change and anthropogenic nutrients. <i>Harmful Algae</i> , 2016, 54, 213-222.	2.2	453

#	ARTICLE	IF	CITATIONS
316	Evaluation of climatological tropical cyclone activity over the western North Pacific in the CORDEX-East Asia multi-RCM simulations. <i>Climate Dynamics</i> , 2016, 47, 765-778.	1.7	44
317	Distribution and trend on consecutive days of severe weathers in China during 1959–2014. <i>Journal of Chinese Geography</i> , 2016, 26, 658-672.	1.5	5
318	Linking spatiotemporal disturbance history with tree regeneration and diversity in an old-growth forest in northern Japan. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2016, 21, 1-13.	1.1	27
319	Testing the “tropical storm”-hypothesis of Yucatan Peninsula climate variability during the Maya Terminal Classic Period. <i>Quaternary Research</i> , 2016, 86, 111-119.	1.0	24
320	Impact of Hurricane Sandy on salt marshes of New Jersey. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 183, 235-248.	0.9	19
321	Greenhouse Gas Emissions from U.S. Grain Farms. <i>Journal of Crop Improvement</i> , 2016, 30, 447-477.	0.9	9
322	Economic valuation of coral reef ecosystem service of coastal protection: A pragmatic approach. <i>Ecosystem Services</i> , 2016, 21, 72-80.	2.3	55
323	A method to estimate climate-critical construction materials applied to seaport protection. <i>Global Environmental Change</i> , 2016, 40, 125-136.	3.6	19
324	Persistent northward North Atlantic tropical cyclone track migration over the past five centuries. <i>Scientific Reports</i> , 2016, 6, 37522.	1.6	53
325	Impact of Upper-Tropospheric Temperature Anomalies and Vertical Wind Shear on Tropical Cyclone Evolution Using an Idealized Version of the Operational GFDL Hurricane Model. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3803-3820.	0.6	29
326	Physical Characteristics of Coastal Hazards. , 2016, , 549-566.		1
327	Tropical cyclones in climate models. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 211-237.	3.6	85
328	Storm Surge Hindcast and Return Period of a Haiyan-Like Super Typhoon. <i>Coastal Engineering Journal</i> , 2016, 58, 1640001-1-1640001-24.	0.7	7
329	Human influence on tropical cyclone intensity. <i>Science</i> , 2016, 353, 242-246.	6.0	286
330	Statistical downscaling of North Atlantic tropical cyclone frequency and the amplified role of the Caribbean low-level jet in a warmer climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3741-3758.	1.2	13
331	Evidence of rising and poleward shift of storm surge in western North Pacific in recent decades. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5181-5192.	1.0	46
332	Modeling Hurricane Exposure in a Caribbean Lower Montane Tropical Wet Forest: The Effects of Frequent, Intermediate Disturbances and Topography on Forest Structural Dynamics and Composition. <i>Ecosystems</i> , 2016, 19, 1178-1195.	1.6	14
333	Dynamical downscaling of tropical cyclones from CCSM4 simulations of the Last Glacial Maximum. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1229-1247.	1.3	16

#	ARTICLE	IF	CITATIONS
334	A genetically distinct hybrid zone occurs for two globally invasive mosquito fish species with striking phenotypic resemblance. <i>Ecology and Evolution</i> , 2016, 6, 8375-8388.	0.8	14
335	Optimal hurricane overwash thickness for maximizing marsh resilience to sea level rise. <i>Ecology and Evolution</i> , 2016, 6, 2948-2956.	0.8	61
336	Risk-based assessment of wood residential construction subjected to hurricane events considering indirect and environmental loss. <i>Sustainable and Resilient Infrastructure</i> , 2016, 1, 46-62.	1.7	9
337	Disturbance and the carbon balance of US forests: A quantitative review of impacts from harvests, fires, insects, and droughts. <i>Global and Planetary Change</i> , 2016, 143, 66-80.	1.6	124
338	Advancing the framework for considering the effects of climate change on worker safety and health. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 847-865.	0.4	97
339	Potential for seasonal prediction of Atlantic sea surface temperatures using the RAPID array at 26°N. <i>Climate Dynamics</i> , 2016, 46, 3351-3370.	1.7	27
340	Anthropogenic factors and habitat complexity influence biodiversity but wave exposure drives species turnover of a subtropical rocky intertidal metacommunity. <i>Marine Ecology</i> , 2016, 37, 64-76.	0.4	16
341	Projected SST trends across the Caribbean Sea based on PRECIS downscaling of ECHAM4, under the SRES A2 and B2 scenarios. <i>Theoretical and Applied Climatology</i> , 2016, 123, 199-215.	1.3	7
343	Convective Self-Aggregation and Tropical Cyclogenesis under the Hypohydrostatic Rescaling. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 525-544.	0.6	23
344	Critical wind speed at which trees break. <i>Physical Review E</i> , 2016, 93, 023001.	0.8	34
345	The Importance of Benthic Habitats for Coastal Fisheries. <i>BioScience</i> , 2016, 66, 274-284.	2.2	70
346	A probabilistic framework for hurricane damage assessment considering non-stationarity and correlation in hurricane actions. <i>Structural Safety</i> , 2016, 59, 108-117.	2.8	47
347	Improved modelling of the impacts of sea level rise on coastal wetland plant communities. <i>Hydrobiologia</i> , 2016, 774, 203-216.	1.0	24
348	Uneven socio-ecologies of Hispaniola: Asymmetric capabilities for climate adaptation in Haiti and the Dominican Republic. <i>Geoforum</i> , 2016, 73, 32-46.	1.4	35
349	Climate change impacts in Latin America and the Caribbean and their implications for development. <i>Regional Environmental Change</i> , 2017, 17, 1601-1621.	1.4	97
350	Decentralized Management Hinders Coastal Climate Adaptation: The Spatial-dynamics of Beach Nourishment. <i>Environmental and Resource Economics</i> , 2017, 67, 761-787.	1.5	30
351	Assessing the suitability of Holocene environments along the central Belize coast, Central America, for the reconstruction of hurricane records. <i>International Journal of Earth Sciences</i> , 2017, 106, 283-309.	0.9	11
352	Assessing Climate Change Impact on System Reliability of Power Distribution Systems Subjected to Hurricanes. <i>Journal of Infrastructure Systems</i> , 2017, 23, .	1.0	13

#	ARTICLE	IF	CITATIONS
353	Building a Values-Informed Mental Model for New Orleans Climate Risk Management. <i>Risk Analysis</i> , 2017, 37, 1993-2004.	1.5	34
354	Stationarity of major flood frequencies and heights on the Ba River, Fiji, over a 122-year record. <i>International Journal of Climatology</i> , 2017, 37, 171-178.	1.5	19
355	The Use of Global Climate Models for Tropical Cyclone Risk Assessment. , 2017, , 167-186.		4
356	High-Resolution Multi-decadal Simulation of Tropical Cyclones. , 2017, , 187-211.		9
357	Evaluation of WRF model simulations of tropical cyclones in the western North Pacific over the CORDEX East Asia domain. <i>Climate Dynamics</i> , 2017, 48, 2419-2435.	1.7	13
358	Shifts in biomass and productivity for a subtropical dry forest in response to simulated elevated hurricane disturbances. <i>Environmental Research Letters</i> , 2017, 12, 025007.	2.2	18
359	Using boundary objects to stimulate transformational thinking: storm resilience for the Port of Providence, Rhode Island (USA). <i>Sustainability Science</i> , 2017, 12, 477-501.	2.5	21
360	Large-scale control of the lower stratosphere on variability of tropical cyclone intensity. <i>Geophysical Research Letters</i> , 2017, 44, 4313-4323.	1.5	15
361	Tropical cyclone fullness: A new concept for interpreting storm intensity. <i>Geophysical Research Letters</i> , 2017, 44, 4324-4331.	1.5	49
362	Hurricane damage along natural and hardened estuarine shorelines: Using homeowner experiences to promote nature-based coastal protection. <i>Marine Policy</i> , 2017, 81, 350-358.	1.5	60
363	Impacts of mangrove encroachment and mosquito impoundment management on coastal protection services. <i>Hydrobiologia</i> , 2017, 803, 105-120.	1.0	28
364	Factors that influence vital rates of Seaside and Saltmarsh sparrows in coastal New Jersey, USA. <i>Journal of Field Ornithology</i> , 2017, 88, 115-131.	0.3	11
365	Forest disturbances under climate change. <i>Nature Climate Change</i> , 2017, 7, 395-402.	8.1	1,561
366	Assessing hurricane damage costs in the presence of vulnerability model uncertainty. <i>Natural Hazards</i> , 2017, 85, 1621-1635.	1.6	12
367	Capacity of semi-parametric regression models to predict extreme-event water quality in the Northeastern US. <i>Journal of Hydrology</i> , 2017, 547, 575-584.	2.3	1
368	Maintenance optimization for power distribution systems subjected to hurricane hazard, timber decay and climate change. <i>Reliability Engineering and System Safety</i> , 2017, 168, 136-149.	5.1	45
369	Mangroves as a protection from storm surges in a changing climate. <i>Ambio</i> , 2017, 46, 478-491.	2.8	66
370	The impact of extra-tropical transitioning on storm surge and waves in catastrophe risk modelling: application to the Japanese coastline. <i>Natural Hazards</i> , 2017, 85, 649-667.	1.6	3

#	ARTICLE	IF	CITATIONS
371	Giant boulders and Last Interglacial storm intensity in the North Atlantic. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12144-12149.	3.3	45
372	Thirty years of land use/cover change in the Caribbean: Assessing the relationship between urbanization and mangrove loss in Roatán, Honduras. Applied Geography, 2017, 88, 84-93.	1.7	33
373	Nutrient Fluxes and Ecological Functions of Coral Reef Sponges in a Changing Ocean. , 2017, , 373-410.		82
374	Prioritizing coastal ecosystem stressors in the Northeast United States under increasing climate change. Environmental Science and Policy, 2017, 78, 49-57.	2.4	8
375	Caribbean Coral Reefs: Past, Present, and Insights into the Future. , 2017, , 31-72.		5
376	Multidecadal Scale Detection Time for Potentially Increasing Atlantic Storm Surges in a Warming Climate. Geophysical Research Letters, 2017, 44, 10,617.	1.5	24
377	Distributions of Tropical Precipitation Cluster Power and Their Changes under Global Warming. Part I: Observational Baseline and Comparison to a High-Resolution Atmospheric Model. Journal of Climate, 2017, 30, 8033-8044.	1.2	13
378	Impact of Ocean Warming on Tropical Cyclone Size and Its Destructiveness. Scientific Reports, 2017, 7, 8154.	1.6	74
379	How will sea-level rise affect threats to nesting success for Seaside Sparrows?. Condor, 2017, 119, 459-468.	0.7	10
380	Estimation of Climate Change Impact on Storm Surges: Application to Korean Peninsula. Coastal Engineering Journal, 2017, 59, 1740004-1-1740004-32.	0.7	3
381	Extreme flooding mobilized dissolved organic matter from coastal forested wetlands. Biogeochemistry, 2017, 136, 293-309.	1.7	43
382	Dealing with hurricane surge flooding in a changing environment: part I. Risk assessment considering storm climatology change, sea level rise, and coastal development. Stochastic Environmental Research and Risk Assessment, 2017, 31, 2379-2400.	1.9	62
383	Mapping the coastal risk for the next century, including sea level rise and changes in the coastline: application to Charlestown RI, USA. Natural Hazards, 2017, 88, 389-414.	1.6	25
384	Using Large-Eddy Simulations to Define Spectral and Coherence Characteristics of the Hurricane Boundary Layer for Wind-Energy Applications. Boundary-Layer Meteorology, 2017, 165, 55-86.	1.2	24
385	Human Influences On Eastern Tropical Pacific Coral Communities and Coral Reefs. Coral Reefs of the World, 2017, , 549-563.	0.3	12
386	Joint Probabilistic Wind-Rainfall Model for Tropical Cyclone Hazard Characterization. Journal of Structural Engineering, 2017, 143, .	1.7	19
387	Sensitivity of tropical cyclones to resolution, convection scheme and ocean flux parameterization over Eastern Tropical Pacific and Tropical North Atlantic Oceans in the RegCM4 model. Climate Dynamics, 2017, 49, 547-561.	1.7	19
388	Climate Change, Natural Disasters, and Migration—a Survey of the Empirical Evidence. CESifo Economic Studies, 2017, 63, 353-385.	0.3	180

#	ARTICLE	IF	CITATIONS
390	Understanding the detectability of potential changes to the 100-year peak storm surge. <i>Climatic Change</i> , 2017, 145, 221-235.	1.7	31
391	Climate change: are building codes keeping up? A case study on hurricanes in the Caribbean. <i>Proceedings of the Institution of Civil Engineers: Forensic Engineering</i> , 2017, 170, 67-71.	0.5	1
392	Extreme flood impact on estuarine and coastal biogeochemistry: the 2013 Elbe flood. <i>Biogeosciences</i> , 2017, 14, 541-557.	1.3	35
393	Assessing long-term stability of the geological environment. , 2017, , 195-227.		1
394	Cosmopolitan Species As Models for Ecophysiological Responses to Global Change: The Common Reed <i>Phragmites australis</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1833.	1.7	123
396	Cost and Materials Required to Retrofit US Seaports in Response to Sea Level Rise: A Thought Exercise for Climate Response. <i>Journal of Marine Science and Engineering</i> , 2017, 5, 44.	1.2	16
397	Comparative Coastal Risk Index (CCRI): A multidisciplinary risk index for Latin America and the Caribbean. <i>PLoS ONE</i> , 2017, 12, e0187011.	1.1	38
398	Simulating the effects of typhoon-induced defoliation on forest dynamics using a process-based model in a subtropical forest. , 2017, , .		0
399	Influence of Climatic Phenomena on Sedimentation and Increase of Lake Enriquillo in Dominican Republic, 1900-2014. <i>Journal of Geography and Geology</i> , 2017, 9, 19.	0.4	6
401	Impact of Superstorm Sandy on Medicare Patientsâ€™ Utilization of Hospitals and Emergency Departments. <i>Western Journal of Emergency Medicine</i> , 2017, 18, 1035-1041.	0.6	3
402	Interactions between payments for hydrologic services, landowner decisions, and ecohydrological consequences: synergies and disconnection in the cloud forest zone of central Veracruz, Mexico. <i>Ecology and Society</i> , 2017, 22, .	1.0	43
403	Implications of climate change for shipping: Ports and supply chains. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2018, 9, e508.	3.6	62
404	Climate Change Adaptation in Coastal Environments: Modeling Challenges for Resource and Environmental Economists. <i>Review of Environmental Economics and Policy</i> , 2018, 12, 48-68.	3.1	30
405	A Simple Ensemble Simulation Technique for Assessment of Future Variations in Specific Highâ€Impact Weather Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3443-3461.	1.2	7
406	Urban Areas in Coastal Zones. , 0, , 319-362.		5
407	Quantifying changes and influences on mottled duck density in Texas. <i>Journal of Wildlife Management</i> , 2018, 82, 374-382.	0.7	1
408	Hurricane Impact on Seepage Water in Larga Cave, Puerto Rico. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 879-888.	1.3	12
409	A polymicrobial fungal outbreak in a regional burn center after Hurricane Sandy. <i>American Journal of Infection Control</i> , 2018, 46, 1047-1050.	1.1	8

#	ARTICLE	IF	CITATIONS
410	Are species photosynthetic characteristics good predictors of seedling post-hurricane demographic patterns and species spatiotemporal distribution in a hurricane impacted wet montane forest?. <i>Acta Oecologica</i> , 2018, 89, 1-10.	0.5	0
411	The role of proximity to waterfront in residents' relocation decision-making post-Hurricane Sandy. <i>Ocean and Coastal Management</i> , 2018, 154, 8-19.	2.0	20
412	Short-Term Resilience of New Jersey Tidal Marshes to Hurricane Sandy. <i>Wetlands</i> , 2018, 38, 565-575.	0.7	5
413	Observation and modeling of the evolution of an ephemeral storm-induced inlet: Pea Island Breach, North Carolina, USA. <i>Continental Shelf Research</i> , 2018, 156, 55-69.	0.9	16
414	Tropical Cyclone Storm Surge Risk. , 2018, , 1405-1422.		3
415	The response of land-falling tropical cyclone characteristics to projected climate change in northeast Australia. <i>Climate Dynamics</i> , 2018, 51, 3467-3485.	1.7	31
416	Climate Modelling. , 2018, , .		7
417	Future Caribbean Climates in a World of Rising Temperatures: The 1.5 vs 2.0 Dilemma. <i>Journal of Climate</i> , 2018, 31, 2907-2926.	1.2	70
418	Assessing the impact of extreme storms on barrier beaches along the Atlantic coastline: Application to the southern Rhode Island coast. <i>Coastal Engineering</i> , 2018, 133, 26-42.	1.7	26
419	Simulation of tropical cyclone activity over the western North Pacific based on CMIP5 models. <i>Theoretical and Applied Climatology</i> , 2018, 134, 37-50.	1.3	0
420	Responses of the Tropical Atmospheric Circulation to Climate Change and Connection to the Hydrological Cycle. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 549-580.	4.6	45
421	Lasting legacies of historical clearcutting, wind, and salvage logging on old-growth <i>Tsuga canadensis</i> - <i>Pinus strobus</i> forests. <i>Forest Ecology and Management</i> , 2018, 419-420, 31-41.	1.4	15
422	Two decades of tropical cyclone impacts on North Carolina's estuarine carbon, nutrient and phytoplankton dynamics: implications for biogeochemical cycling and water quality in a stormier world. <i>Biogeochemistry</i> , 2018, 141, 307-332.	1.7	98
423	An imperfect storm: Fat-tailed tropical cyclone damages, insurance, and climate policy. <i>Journal of Environmental Economics and Management</i> , 2018, 92, 677-706.	2.1	10
424	Sedimentary evidence for enhanced hydrological cycling in response to rapid carbon release during the early Toarcian oceanic anoxic event. <i>Earth and Planetary Science Letters</i> , 2018, 481, 162-170.	1.8	67
425	The Effects of Tropical Cyclone-Generated Deposition on the Sustainability of the Pearl River Marsh, Louisiana: The Importance of the Geologic Framework. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	9
426	Anthropogenic influences on major tropical cyclone events. <i>Nature</i> , 2018, 563, 339-346.	13.7	294
427	The increasing variability of tropical cyclone lifetime maximum intensity. <i>Scientific Reports</i> , 2018, 8, 16641.	1.6	15

#	ARTICLE	IF	CITATIONS
428	Climate change and the future of agriculture in the Caribbean. , 2018, , 215-225.		0
429	Dominant Role of the Ocean Mixed Layer Depth in the Increased Proportion of Intense Typhoons During 1980â€“2015. <i>Earth's Future</i> , 2018, 6, 1518-1527.	2.4	26
430	Superstorms: Comments on Bahamian Fenestrae and Boulder Evidence from the Last Interglacial. <i>Journal of Coastal Research</i> , 2018, 34, 1471.	0.1	14
431	Comparing the cost effectiveness of nature-based and coastal adaptation: A case study from the Gulf Coast of the United States. <i>PLoS ONE</i> , 2018, 13, e0192132.	1.1	138
432	Reduced Sensitivity of Tropical Cyclone Intensity and Size to Sea Surface Temperature in a Radiative-Convective Equilibrium Environment. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 981-993.	1.9	16
433	Practical tools for quantitative analysis of coastal vulnerability and sea level rise impactsâ€”application in a Caribbean island and assessment of the 1.5Â°C threshold. <i>Regional Environmental Change</i> , 2018, 18, 2227-2236.	1.4	6
434	Responses of Native and Invasive Floating Aquatic Plant Communities to Salinity and Desiccation Stress in the Southeastern US Coastal Floodplain Forests. <i>Estuaries and Coasts</i> , 2018, 41, 2331-2339.	1.0	8
435	Climate-driven declines in arthropod abundance restructure a rainforest food web. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10397-E10406.	3.3	491
436	Quantitative attribution of climate effects on Hurricane Harveyâ€™s extreme rainfall in Texas. <i>Environmental Research Letters</i> , 2018, 13, 054014.	2.2	110
437	Immediate impact of a hurricane on the structure of a tropical butterfly community. <i>Biotropica</i> , 2018, 50, 487-490.	0.8	0
438	Climate change impacts on critical international transportation assets of Caribbean Small Island Developing States (SIDS): the case of Jamaica and Saint Lucia. <i>Regional Environmental Change</i> , 2018, 18, 2211-2225.	1.4	60
439	Ensemble projection of the sea level rise impact on storm surge and inundation at the coast of Bangladesh. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 351-364.	1.5	25
440	Global Warming Can Lead to Depletion of Oxygen by Disrupting Phytoplankton Photosynthesis: A Mathematical Modelling Approach. <i>Geosciences (Switzerland)</i> , 2018, 8, 201.	1.0	28
441	Turbidity affects stomatopod contest behaviours and response to UV cues. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 506, 100-106.	0.7	2
442	Regional earth system modeling: review and future directions. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 189-197.	0.5	91
443	Evaluation of a synthetic rainfall model, P-CLIPER, for use in coastal flood modeling. <i>Natural Hazards</i> , 2018, 92, 699-726.	1.6	15
444	Temperature and cyclone frequency in Kimmeridgian Greenhouse period (late Jurassic). <i>Global and Planetary Change</i> , 2018, 170, 126-145.	1.6	12
445	CO2 capture and storage: A way forward for sustainable environment. <i>Journal of Environmental Management</i> , 2018, 226, 131-144.	3.8	158

#	ARTICLE	IF	CITATIONS
446	Tracking Interannual to Multidecadal Scale Climate Variability in the Atlantic Warm Pool Using Central Caribbean Coral Data. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 395-411.	1.3	10
447	Defining Climate Change: What to Expect in a Warmer World. <i>Advances in Military Geosciences</i> , 2019, , 47-57.	0.5	3
448	Global Change: More Than Climate. <i>Coastal Research Library</i> , 2019, , 25-46.	0.2	1
449	Normalised insurance losses from Australian natural disasters: 1966 to 2017. <i>Environmental Hazards</i> , 2019, 18, 414-433.	1.4	32
450	Tropical cyclone sensitivities to CO2 doubling: roles of atmospheric resolution, synoptic variability and background climate changes. <i>Climate Dynamics</i> , 2019, 53, 5999-6033.	1.7	114
451	Enhanced Tropical Cyclone Intensity in the Western North Pacific During Warm Periods Over the Last Two Millennia. <i>Geophysical Research Letters</i> , 2019, 46, 9145-9153.	1.5	28
452	Past hurricane damage and flood zone outweigh shoreline hardening for predicting residential-scale impacts of Hurricane Matthew. <i>Environmental Science and Policy</i> , 2019, 101, 46-53.	2.4	7
453	Practical rare event sampling for extreme mesoscale weather. <i>Chaos</i> , 2019, 29, 053109.	1.0	25
454	Reconstructing the effects of hurricanes over 155 years on the structure and diversity of trees in two tropical montane rainforests in Jamaica. <i>Agricultural and Forest Meteorology</i> , 2019, 276-277, 107621.	1.9	6
455	Flood damage reduction benefits and costs in Louisiana's 2017 Coastal Master Plan. <i>Environmental Research Communications</i> , 2019, 1, 111001.	0.9	17
456	Understanding future changes in tropical cyclogenesis using Self-Organizing Maps. <i>Weather and Climate Extremes</i> , 2019, 26, 100235.	1.6	7
457	Extratropical Transition of Hurricane Irene (2011) in a Changing Climate. <i>Journal of Climate</i> , 2019, 32, 4847-4871.	1.2	23
458	Short Term Effects of Hurricane Irma and Cyanobacterial Blooms on Ammonium Cycling Along a Freshwater to Estuarine Continuum in South Florida. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	10
459	Climate change exacerbates hurricane flood hazards along US Atlantic and Gulf Coasts in spatially varying patterns. <i>Nature Communications</i> , 2019, 10, 3785.	5.8	231
460	Effects of horizontal resolution and air-sea flux parameterization on the intensity and structure of simulated Typhoon Haiyan (2013). <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 1509-1539.	1.5	10
461	Morphodynamics of sandy beaches under the influence of storm sequences: Current research status and future needs. <i>Water Science and Engineering</i> , 2019, 12, 221-234.	1.4	35
462	Automatically Locate Tropical Cyclone Centers Using Top Cloud Motion Data Derived From Geostationary Satellite Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 10175-10190.	2.7	16
463	Shifting baselines in coastal forests: Rising seas transform plant communities from the ground up. <i>Forest Ecology and Management</i> , 2019, 453, 117581.	1.4	5

#	ARTICLE	IF	CITATIONS
464	Top Cloud Motion Field of Typhoon Megi-2016 Revealed by GF-4 Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 4427-4444.	2.7	4
465	Sea-level rise and storm surges structure coastal forests into persistence and regeneration niches. <i>PLoS ONE</i> , 2019, 14, e0215977.	1.1	30
466	Longitudinal Gradients in Tree Stem Greenhouse Gas Concentrations Across Six Pacific Northwest Coastal Forests. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1401-1412.	1.3	16
467	Global assessment of primate vulnerability to extreme climatic events. <i>Nature Climate Change</i> , 2019, 9, 554-561.	8.1	67
468	Assessment of climatological tropical cyclone activity over the north Indian Ocean in the CORDEX-South Asia regional climate models. <i>Climate Dynamics</i> , 2019, 53, 5101-5118.	1.7	12
469	A comprehensive review of compound inundation models in low-gradient coastal watersheds. <i>Environmental Modelling and Software</i> , 2019, 119, 166-181.	1.9	99
470	Tropical Dry Forest Diversity, Climatic Response, and Resilience in a Changing Climate. <i>Forests</i> , 2019, 10, 443.	0.9	51
471	Future Change in Tropical Cyclone Activity over the Western North Pacific in CORDEX-East Asia Multi-RCMs Forced by HadGEM2-AO. <i>Journal of Climate</i> , 2019, 32, 5053-5067.	1.2	14
472	Dissolved Organic Matter Composition in a Marsh-Dominated Estuary: Response to Seasonal Forcing and to the Passage of a Hurricane. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1545-1559.	1.3	23
473	Tropical Cyclones and Climate Change Assessment: Part I: Detection and Attribution. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1987-2007.	1.7	326
474	Hurricane Sandy and engineered response created habitat for a threatened shorebird. <i>Ecosphere</i> , 2019, 10, e02771.	1.0	18
475	Modeling risk of mangroves to tropical cyclones: A case study of Hurricane Irma. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 224, 108-116.	0.9	33
476	Assessing coastal island vulnerability in the Sundarban Biosphere Reserve, India, using geospatial technology. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	44
478	Beyond Selenium: Coal Combustion Residuals Lead to Multielement Enrichment in Receiving Lake Food Webs. <i>Environmental Science & Technology</i> , 2019, 53, 4119-4127.	4.6	18
479	Future changes in extreme storm surges based on mega-ensemble projection using 60-km resolution atmospheric global circulation model. <i>Coastal Engineering Journal</i> , 2019, 61, 295-307.	0.7	59
480	Bouncing Forward After Irma and Maria: Acknowledging Colonialism, Problematizing Resilience and Thinking Climate Justice. <i>Journal of Extreme Events</i> , 2019, 06, 1940003.	1.2	55
481	A boreal songbird's 20,000-km migration across North America and the Atlantic Ocean. <i>Ecology</i> , 2019, 100, e02651.	1.5	18
482	Nitrogen Amelioration-Driven Carbon Dioxide Capture by Nanoporous Polytriazine. <i>Langmuir</i> , 2019, 35, 4893-4901.	1.6	21

#	ARTICLE	IF	CITATIONS
483	How effective are tidal marshes as nature-based shoreline protection throughout seasons?. <i>Limnology and Oceanography</i> , 2019, 64, 1750-1762.	1.6	41
484	Investigation of Intense Precipitation from Tropical Cyclones during the 21st Century by Dynamical Downscaling of CCSM4 RCP 4.5. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 687.	1.2	1
485	Ocean Wind Wave Climate Responses to Wintertime North Atlantic Atmospheric Transient Eddies and Low-Frequency Flow. <i>Journal of Climate</i> , 2019, 32, 5619-5638.	1.2	5
486	Extreme weather events modulate processing and export of dissolved organic carbon in the Neuse River Estuary, NC. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 219, 189-200.	0.9	23
487	Tropical storms and mortality under climate change. <i>World Development</i> , 2019, 117, 172-182.	2.6	24
488	Lingering Carbon Cycle Effects of Hurricane Matthew in North Carolina's Coastal Waters. <i>Geophysical Research Letters</i> , 2019, 46, 2654-2661.	1.5	41
489	Global Change Impacts on the Future of Coastal Systems: Perverse Interactions Among Climate Change, Ecosystem Degradation, Energy Scarcity, and Population. , 2019, , 621-639.		6
490	Hurricanes: Wind, rain, and storm surge. , 2019, , 367-378.		2
491	Changes of tropical cyclone activity in a warming world are sensitive to sea surface temperature environment. <i>Environmental Research Letters</i> , 2019, 14, 124052.	2.2	3
492	Molecular Level Analysis Reveals Changes in Chemical Composition of Dissolved Organic Matter From South Texas Rivers After High Flow Events. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	21
493	Normalized US hurricane damage estimates using area of total destruction, 1900~2018. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23942-23946.	3.3	56
494	Damages caused by hurricane Irma in the human-degraded mangroves of Saint Martin (Caribbean). <i>Scientific Reports</i> , 2019, 9, 18971.	1.6	22
495	A New Typhoon-Monitoring Method Using Precipitation Water Vapor. <i>Remote Sensing</i> , 2019, 11, 2845.	1.8	24
497	UK Overseas Territories in the Northeast Caribbean: Anguilla, British Virgin Islands, Montserrat. , 2019, , 549-565.		0
498	Investigating the performance of coupled WRF-ROMS simulations of Hurricane Irene (2011) in a regional climate modeling framework. <i>Atmospheric Research</i> , 2019, 215, 57-74.	1.8	24
499	Determinants of tree sway frequency in temperate deciduous forests of the Northeast United States. <i>Agricultural and Forest Meteorology</i> , 2019, 266-267, 87-96.	1.9	24
500	The impact of climate model sea surface temperature biases on tropical cyclone simulations. <i>Climate Dynamics</i> , 2019, 53, 173-192.	1.7	35
501	High-Resolution Seeded Simulations of Western North Pacific Ocean Tropical Cyclones in Two Future Extreme Climates. <i>Journal of Climate</i> , 2019, 32, 309-334.	1.2	0

#	ARTICLE	IF	CITATIONS
502	Improved Methods for Estimating Flood Depth Exceedances Within Storm Surge Protection Systems. Risk Analysis, 2019, 39, 890-905.	1.5	2
503	Insights from a Stated Preference Experiment of Florida Residents: Role of Information and Incentives in Hurricane Risk Mitigation. Natural Hazards Review, 2019, 20, 04018029.	0.8	8
504	Tropical cyclogenesis in warm climates simulated by a cloud-system resolving model. Climate Dynamics, 2019, 52, 107-127.	1.7	27
505	Quantitative observations on tropical cyclone tracks in the Arabian Sea. Theoretical and Applied Climatology, 2019, 135, 1413-1421.	1.3	11
506	Ambiguity and Insurance: Capital Requirements and Premiums. Journal of Risk and Insurance, 2019, 86, 213-235.	1.0	9
507	Perspective: Advancing the research agenda for improving understanding of cyanobacteria in a future of global change. Harmful Algae, 2020, 91, 101601.	2.2	149
508	Hurricanes, Storm Surge, and Pine Forest Decline on a Low Limestone Island. Estuaries and Coasts, 2020, 43, 1045-1057.	1.0	8
509	Tropical Cyclones and Climate Change Assessment: Part II: Projected Response to Anthropogenic Warming. Bulletin of the American Meteorological Society, 2020, 101, E303-E322.	1.7	573
510	An Integrated Floating Community Based upon a Hybrid Water System: Toward a Super-Sustainable Water City. Lecture Notes in Civil Engineering, 2020, , 309-328.	0.3	2
511	The Effect of Hurricane Irma Storm Surge on the Freshwater Lens in Big Pine Key, Florida using Electrical Resistivity Tomography. Estuaries and Coasts, 2020, 43, 1032-1044.	1.0	9
512	Entropy evolution characteristics during an intense tropical cyclone. Meteorology and Atmospheric Physics, 2020, 132, 461-482.	0.9	1
513	Advances and challenges in modeling solvated reaction mechanisms for renewable fuels and chemicals. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2020, 10, e1446.	6.2	42
514	Maintaining historic disturbance regimes increases species' resilience to catastrophic hurricanes. Global Change Biology, 2020, 26, 798-806.	4.2	4
515	Extreme Atlantic Hurricane Probability of Occurrence Through the Metastatistical Extreme Value Distribution. Geophysical Research Letters, 2020, 47, 2019GL086138.	1.5	16
516	Hurricane resulted in releasing more nitrogenous than carbonaceous disinfection byproduct precursors in coastal watersheds. Science of the Total Environment, 2020, 705, 135785.	3.9	15
517	A Bayesian Network methodology for coastal hazard assessments on a regional scale: The BN-CRAF. Coastal Engineering, 2020, 157, 103627.	1.7	13
518	Concluding the 2017 Hurricane Season: Evaluation of Impact Level Forecasts with Varied Meteorological Hazards. Natural Hazards Review, 2020, 21, 04019011.	0.8	1
519	North Atlantic Hurricane Winds in Warmer than Normal Seas. Atmosphere, 2020, 11, 293.	1.0	7

#	ARTICLE	IF	CITATIONS
520	Great Blue Hole (Lighthouse Reef, Belize): A continuous, annually-resolved record of Common Era sea surface temperature, Atlantic Multidecadal Oscillation and cyclone-controlled run-off. Quaternary Science Reviews, 2020, 247, 106570.	1.4	9
521	Projecting Exposure to Extreme Climate Impact Events Across Six Event Categories and Three Spatial Scales. Earth's Future, 2020, 8, e2020EF001616.	2.4	69
522	Extracting Natech Reports from Large Databases: Development of a Semi-Intelligent Natech Identification Framework. International Journal of Disaster Risk Science, 2020, 11, 735-750.	1.3	13
523	Tropical Cyclone Activities in Warm Climate with Quadrupled CO ₂ Concentration Simulated by a New General Circulation Model. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032314.	1.2	0
524	Historically unprecedented Northern Gulf of Mexico hurricane activity from 650 to 1250 CE. Scientific Reports, 2020, 10, 19092.	1.6	13
525	Resilient distribution network planning under the severe windstorms using a risk-based approach. Reliability Engineering and System Safety, 2020, 204, 107114.	5.1	16
526	Puerto Rico exodus: long-term economic headwinds prove stronger than Hurricane Maria. Population and Environment, 2020, 42, 43-56.	1.3	12
527	Caribbean cyclone activity: an annually-resolved Common Era record. Scientific Reports, 2020, 10, 11780.	1.6	20
528	Retrospective and prospective evaluations of drought and flood. Science of the Total Environment, 2020, 748, 141155.	3.9	28
529	Hurricane Sandy Effects on Coastal Marsh Elevation Change. Estuaries and Coasts, 2020, 43, 1640-1657.	1.0	12
530	Hurricane trend detection. Natural Hazards, 2020, 104, 1345-1357.	1.6	11
531	Hurricane-induced demographic changes in a non-human primate population. Royal Society Open Science, 2020, 7, 200173.	1.1	17
532	Base-Hurricane: A new extension for the Landis-II forest landscape model. Environmental Modelling and Software, 2020, 133, 104833.	1.9	6
533	Estimated Time to Restoration of Hurricane Sandy in a Future Climate. Sustainability, 2020, 12, 6502.	1.6	2
534	Tropical Cyclone Landfall Frequency and Large-Scale Environmental Impacts along Karstic Coastal Regions (Yucatan Peninsula, Mexico). Applied Sciences (Switzerland), 2020, 10, 5815.	1.3	15
535	The Influence of Storm Events on Metabolism and Water Quality of Riverine and Estuarine Segments of the James, Mattaponi, and Pamunkey Rivers. Estuaries and Coasts, 2020, 43, 1585-1602.	1.0	10
536	A homogeneous relaxation model for multi-phase CO ₂ jets following the release of supercritical CO ₂ pipelines. Journal of Natural Gas Science and Engineering, 2020, 84, 103609.	2.1	13
537	Altered hippocampal microstructure and function in children who experienced Hurricane Irma. Developmental Psychobiology, 2021, 63, 864-877.	0.9	5

#	ARTICLE	IF	CITATIONS
538	Research Trends and Methodological Approaches of the Impacts of Windstorms on Forests in Tropical, Subtropical, and Temperate Zones: Where Are We Now and How Should Research Move Forward?. <i>Plants</i> , 2020, 9, 1709.	1.6	9
539	Scaling climate change to human behavior predicting good and bad years for Maya farmers. <i>American Journal of Human Biology</i> , 2021, 33, e23524.	0.8	11
540	Nitrogen Availability Decreases the Severity of Snow Storm Damage in a Temperate Forest. <i>Forest Science</i> , 2020, 66, 58-65.	0.5	2
541	Hurricanes Accelerate Dissolved Organic Carbon Cycling in Coastal Ecosystems. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	23
542	Concentration and isotopic composition of mercury in a blackwater river affected by extreme flooding events. <i>Limnology and Oceanography</i> , 2020, 65, 2158-2169.	1.6	16
543	Use of Geospatial, Hydrologic, and Geochemical Modeling to Determine the Influence of Wetland-Derived Organic Matter in Coastal Waters in Response to Extreme Weather Events. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	14
544	Control of salinity stratification on recent increase in tropical cyclone intensification rates over the postmonsoon Bay of Bengal. <i>Environmental Research Letters</i> , 2020, 15, 094028.	2.2	4
545	Assessing coastal hazard from extreme storms with a phase resolving wave model: Case study of Narragansett, RI, USA. <i>Coastal Engineering</i> , 2020, 160, 103735.	1.7	8
546	Process-Based Statistical Models Predict Dynamic Estuarine Salinity. , 0, , .		0
547	Effects of a tropical cyclone on salt marsh insect communities and post-cyclone reassembly processes. <i>Ecography</i> , 2020, 43, 834-847.	2.1	9
548	Optimization of Condition-Based Maintenance of Wood Utility Pole Network Subjected to Hurricane Hazard and Climate Change. <i>Frontiers in Built Environment</i> , 2020, 6, .	1.2	9
549	Tropical Cyclone Ecology: A Scale-Link Perspective. <i>Trends in Ecology and Evolution</i> , 2020, 35, 594-604.	4.2	89
550	A Systematic Literature Review of Factors Affecting the Timing of Menarche: The Potential for Climate Change to Impact Women's Health. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1703.	1.2	34
551	Fire and Rain: The Legacy of Hurricane Lane in Hawai'i. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E954-E967.	1.7	11
553	Modeling and Parameter Estimation of Hurricane Wind Fields with Asymmetry. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 687-705.	0.6	10
555	Post-hurricane shifts in the morphology of island lizards. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 156-165.	0.7	9
556	Climate-Related Hazards and Internal Migration Empirical Evidence for Rural Vietnam. <i>Economics of Disasters and Climate Change</i> , 2020, 4, 385-409.	1.3	17
557	Higher-order analysis of probabilistic long-term loss under nonstationary hazards. <i>Reliability Engineering and System Safety</i> , 2020, 203, 107092.	5.1	19

#	ARTICLE	IF	CITATIONS
558	Climate change-driven coastal erosion modelling in temperate sandy beaches: Methods and uncertainty treatment. <i>Earth-Science Reviews</i> , 2020, 202, 103110.	4.0	94
559	Invasive rat establishment and changes in small mammal populations on Caribbean Islands following two hurricanes. <i>Global Ecology and Conservation</i> , 2020, 22, e00986.	1.0	11
560	Coastal defence techniques and climate change: a review. <i>Rendiconti Lincei</i> , 2020, 31, 123-138.	1.0	22
561	Climate Extremes and Compound Hazards in a Warming World. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 519-548.	4.6	330
562	Response of Extreme Rainfall for Landfalling Tropical Cyclones Undergoing Extratropical Transition to Projected Climate Change: Hurricane Irene (2011). <i>Earth's Future</i> , 2020, 8, e2019EF001360.	2.4	16
563	Spatially Quantifying Forest Loss at Landscape-scale Following a Major Storm Event. <i>Remote Sensing</i> , 2020, 12, 1138.	1.8	9
564	Social cognition of climate change in coastal community: A case study in Xiamen City, China. <i>Ocean and Coastal Management</i> , 2021, 207, 104429.	2.0	15
565	Hydrometeorological disasters in urban areas of Costa Rica, Central America. <i>Environmental Hazards</i> , 2021, 20, 264-278.	1.4	31
566	Tropical Biogeomorphic Seagrass Landscapes for Coastal Protection: Persistence and Wave Attenuation During Major Storms Events. <i>Ecosystems</i> , 2021, 24, 301-318.	1.6	24
567	“Natural disasters don’t kill people, governments kill people:” hurricane Maria, Puerto Rico “recreancy, and “risk society”. <i>Natural Hazards</i> , 2021, 105, 1603-1621.	1.6	17
568	Assessing the conservation risk of <i>Sphaerodactylus notatus</i> , the U.S. herpetofaunal species most vulnerable to sea level rise. <i>Biodiversity and Conservation</i> , 2021, 30, 107-121.	1.2	0
569	Projections of tropical cyclone rainfall over land with an Eulerian approach: Case study of three islands in the West Indies. <i>International Journal of Climatology</i> , 2021, 41, E1164.	1.5	2
570	Tree, stand, and landscape factors contributing to hurricane damage in a coastal plain forest: Post-hurricane assessment in a longleaf pine landscape. <i>Forest Ecology and Management</i> , 2021, 481, 118724.	1.4	34
571	Linking responses of native and invasive plants to hurricane disturbances: implications for coastal plant community structure. <i>Plant Ecology</i> , 2021, 222, 133-148.	0.7	10
572	Catastrophes, connectivity and Allee effects in the design of marine reserve networks. <i>Oikos</i> , 2021, 130, 366-376.	1.2	7
573	Influence of antecedent geology on the Holocene formation and evolution of Horn Island, Mississippi, USA. <i>Marine Geology</i> , 2021, 431, 106375.	0.9	8
574	Impacts of climate change on the tourism sector of a Small Island Developing State: A case study for the Bahamas. <i>Environmental Development</i> , 2021, 37, 100556.	1.8	37
575	In-phase and out-of-phase behavior of the East Asian summer and winter monsoons recorded in the South Yellow Sea sediment over the past 9.5 ka. <i>Quaternary Research</i> , 2021, 99, 96-113.	1.0	3

#	ARTICLE	IF	CITATIONS
576	Exploring Inland Tropical Cyclone Rainfall and Tornadoes under Future Climate Conditions through a Case Study of Hurricane Ivan. <i>Journal of Applied Meteorology and Climatology</i> , 2021, 60, 103-118.	0.6	3
577	Impacts of Hurricane Maria on Land and Convection Modification Over Puerto Rico. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032493.	1.2	5
578	Climate change and existential threats. , 2021, , 1-31.		11
579	Best Laid Plans: How the Middle Class Make Residential Decisions Post-Disaster. <i>Social Problems</i> , 2022, 69, 1137-1153.	2.0	2
580	Reliability-based retrofit assessment of coastal bridges subjected to wave forces using 3D CFD simulation and metamodeling. <i>Civil Engineering and Environmental Systems</i> , 2021, 38, 59-83.	0.4	15
581	Typhoon rainfall impact on drip water $\delta^{18}O$ in Xianyun cave, Southeast China. <i>Hydrological Processes</i> , 2021, 35, e14062.	1.1	6
583	Climate adaptation within the tourism sector of a small island developing state: A case study from the coastal accommodations subsector in the Bahamas. <i>Business Strategy and Development</i> , 2021, 4, 313-325.	2.2	3
584	Future projection of maximum potential storm surge height at three major bays in Japan using the maximum potential intensity of a tropical cyclone. <i>Climatic Change</i> , 2021, 164, 1.	1.7	6
585	Spatiotemporal Variations and Risk Analysis of Chinese Typhoon Disasters. <i>Sustainability</i> , 2021, 13, 2278.	1.6	8
586	Simulating synthetic tropical cyclone tracks for statistically reliable wind and pressure estimations. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 861-878.	1.5	12
587	Source-to-Tap Assessment of Microbiological Water Quality in Small Rural Drinking Water Systems in Puerto Rico Six Months After Hurricane Maria. <i>Environmental Science & Technology</i> , 2021, 55, 3775-3785.	4.6	16
588	Normalised New Zealand natural Disaster insurance losses: 1968-2019. <i>Environmental Hazards</i> , 2022, 21, 58-76.	1.4	5
589	Chromophoric dissolved organic matter composition and load from a coastal river system under variable flow regimes. <i>Science of the Total Environment</i> , 2021, 760, 143414.	3.9	8
590	Generating Projections for the Caribbean at 1.5, 2.0 and 2.5 $^{\circ}C$ from a High-Resolution Ensemble. <i>Atmosphere</i> , 2021, 12, 328.	1.0	10
591	The “Problem” of New Orleans and Diminishing Sustainability of Mississippi River Management “Future Options. <i>Water (Switzerland)</i> , 2021, 13, 813.	1.2	5
592	Scrambling and Reorientation of Classical Atmospheric Boundary Layer Turbulence in Hurricane Winds. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091695.	1.5	9
594	Phenotypic response to a major hurricane in <i>Anolis</i> lizards in urban and forest habitats. <i>Biological Journal of the Linnean Society</i> , 2021, 133, 880-895.	0.7	8
595	Benthic Community Responses to the Filling of a Hurricane-Induced Barrier Island Inlet. <i>Journal of Coastal Research</i> , 2021, 37, .	0.1	0

#	ARTICLE	IF	CITATIONS
596	Economic impacts of storm surge events: examining state and national ripple effects. <i>Climatic Change</i> , 2021, 166, 1.	1.7	6
597	Survival of the thickest? Impacts of extreme wave forcing on marsh seedlings are mediated by species morphology. <i>Limnology and Oceanography</i> , 2021, 66, 2936-2951.	1.6	9
598	Weather or Not: Tracking Hurricanes and Changes to Low-Income Housing Tax Credit Program Plans. <i>Housing Policy Debate</i> , 0, , 1-24.	1.6	1
599	Whimbrel populations differ in trans-atlantic pathways and cyclone encounters. <i>Scientific Reports</i> , 2021, 11, 12919.	1.6	9
600	Performance Assessments of Hurricane Wave Hindcasts. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 690.	1.2	8
601	Comparison between the skew surge and residual water level along the coastline of China. <i>Journal of Hydrology</i> , 2021, 598, 126299.	2.3	8
603	Climate relict vulnerable to extinction from multiple climate-driven threats. <i>Diversity and Distributions</i> , 2021, 27, 2124-2135.	1.9	1
604	Changes in Atlantic major hurricane frequency since the late-19th century. <i>Nature Communications</i> , 2021, 12, 4054.	5.8	42
605	From forests to factories: How modern slavery deepens the crisis of climate change. <i>Energy Research and Social Science</i> , 2021, 77, 102096.	3.0	16
606	Storm Driven Migration of the Napatree Barrier, Rhode Island, USA. <i>Geosciences (Switzerland)</i> , 2021, 11, 330.	1.0	2
607	Greenhouse warming intensifies north tropical Atlantic climate variability. <i>Science Advances</i> , 2021, 7, .	4.7	26
608	Beyond Tropical Storms: Understanding Disturbance and Forest Dynamics. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	5
609	Quantitative methods to predict the effect of climate change on microbial food safety: A needs analysis. <i>Trends in Food Science and Technology</i> , 2021, , .	7.8	3
610	Diminishing Opportunities for Sustainability of Coastal Cities in the Anthropocene: A Review. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	11
611	Evaluating organic geochemical proxies for application to coastal lake sediments along the Gulf Coast of Florida for paleotempestology. <i>Quaternary Science Reviews</i> , 2021, 266, 107077.	1.4	4
612	Modeling surface waves and tide surge interactions leading to enhanced total water levels in a macrotidal bay. <i>Coastal Engineering Journal</i> , 2022, 64, 24-41.	0.7	4
613	Sensitivity of tropical cyclone damage costs to integrated wind profile. <i>Journal of Ocean Engineering and Science</i> , 2021, 6, 257-264.	1.7	2
614	The Impact of Distant Hurricane on Local Housing Markets. <i>Journal of Real Estate Finance and Economics</i> , 2023, 66, 327-372.	0.8	6

#	ARTICLE	IF	CITATIONS
615	Probabilistic performance of coastal bridges under hurricane waves using experimental and 3D numerical investigations. <i>Engineering Structures</i> , 2021, 242, 112493.	2.6	20
616	The effect of coastal landform development on decadal-to millennial-scale longshore sediment fluxes: Evidence from the Holocene evolution of the central mid-Atlantic coast, USA. <i>Quaternary Science Reviews</i> , 2021, 267, 107096.	1.4	9
617	Satellite-Derived Barrier Response and Recovery Following Natural and Anthropogenic Perturbations, Northern Chandeleur Islands, Louisiana. <i>Remote Sensing</i> , 2021, 13, 3779.	1.8	4
618	Phylogenetic, biogeographical, and morphological diversity of the <i>Paronychia chartacea</i> (Caryophyllaceae) clade from the Coastal Plain Floristic Province of North America. <i>Brittonia</i> , 0, , 1.	0.8	1
619	Assessment of hurricane generated loads on offshore wind farms; a closer look at most extreme historical hurricanes in New England. <i>Renewable Energy</i> , 2021, 175, 593-609.	4.3	6
620	Urban forests valuation and environmental disposition: The case of Puerto Rico. <i>Forest Policy and Economics</i> , 2021, 131, 102572.	1.5	7
621	A longitudinal analysis of green infrastructure conditions in Coastal Texan cities. <i>Urban Forestry and Urban Greening</i> , 2021, 65, 127315.	2.3	10
622	Building Inclusive Disaster Management Systems: Opportunities and Constraints in Addressing the Needs of the Vulnerable. <i>Sustainable Development Goals Series</i> , 2021, , 105-118.	0.2	0
623	Climate shock effects and mediation in fisheries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	35
624	Arthropods are not declining but are responsive to disturbance in the Luquillo Experimental Forest, Puerto Rico. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	39
627	Hydrometeorological Hazards. <i>Encyclopedia of Earth Sciences Series</i> , 2013, , 497-508.	0.1	3
628	Sources of Carbon Dioxide and Environmental Issues. <i>Sustainable Agriculture Reviews</i> , 2019, , 13-36.	0.6	4
629	Transforming Cities and Science for Climate Change Resilience in the Anthropocene. <i>Palgrave Studies in Environmental Transformation, Transition and Accountability</i> , 2020, , 99-111.	2.0	5
630	Environmental Fluid Mechanics: Applications to Weather Forecast and Climate Change. <i>Environmental Science and Engineering</i> , 2014, , 3-36.	0.1	1
631	Trends in Hazards and the Role of Climate Change. , 2014, , 77-97.		3
633	Assessing Climate Change Impact on the Joint Wind-Rain Hurricane Hazard for the Northeastern U.S. Coastline. , 2016, , 113-134.		11
634	Impact of Climate Change and Loss of Habitat on Sirenians. <i>Animal Welfare</i> , 2017, , 333-357.	1.0	12
635	Inland Tropical Cyclones and the "Brown Ocean" Concept. , 2017, , 117-134.		12

#	ARTICLE	IF	CITATIONS
636	Coping with Higher Sea Levels and Increased Coastal Flooding in New York City. <i>Climate Change Management</i> , 2017, , 209-223.	0.6	2
637	Downscaling of Climate Information. , 2018, , 199-269.		3
638	Abrupt Increase in Washover Deposition Along a Transgressive Barrier Island During the Late Nineteenth Century Acceleration in Sea-Level Rise. , 2018, , 121-145.		15
639	Climatic Features and Their Relationship with Tropical Cyclones Over the Intra-Americas Seas. , 2010, , 149-173.		20
640	Climate Change Meets Urban Environment. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2012, , 115-133.	0.1	4
641	Anegada: An Emergent Pleistocene Reef Island. <i>Coral Reefs of the World</i> , 2013, , 47-60.	0.3	4
642	Climate Extremes: Challenges in Estimating and Understanding Recent Changes in the Frequency and Intensity of Extreme Climate and Weather Events. , 2013, , 339-389.		76
643	Recent Research at GFDL on Surface Temperature Trends and Simulations of Tropical Cyclone Activity in the Indian Ocean Region. , 2014, , 50-62.		2
644	The Impact of Climate Change on Natural Disasters. , 2014, , 21-49.		83
645	Extreme Storms. , 2020, , 155-173.		7
646	Probability-based estimate of tropical cyclone damage: An explicit approach and application to Hong Kong, China. <i>Engineering Structures</i> , 2018, 167, 471-480.	2.6	7
647	Most powerful hurricanes on the rise. <i>Nature</i> , 0, , .	13.7	3
648	Tropical cyclones and climate change. , 0, .		1
649	The Impact of Climate Change on the National Flood Insurance Program. , 2012, , 59-77.		1
650	Transport and transformation of dissolved organic matter in the Neuse River estuarine system, NC, USA, following Hurricane Irene (2011). <i>Marine and Freshwater Research</i> , 2016, 67, 1313.	0.7	7
651	Aboveground carbon loss associated with the spread of ghost forests as sea levels rise. <i>Environmental Research Letters</i> , 2020, 15, 104028.	2.2	39
653	Convection-Permitting Regional Climate Simulations in the Arabian Gulf Region Using WRF Driven by Bias-Corrected GCM Data. <i>Journal of Climate</i> , 2020, 33, 7787-7815.	1.2	10
654	Biosynthesis and regulation of plant volatiles and their functional roles in ecosystem interactions and global environmental changes. , 2016, , 185-237.		3

#	ARTICLE	IF	CITATIONS
655	Hurricane Activity and the Large-Scale Pattern of Spread of an Invasive Plant Species. PLoS ONE, 2014, 9, e98478.	1.1	39
656	Purple Pitcher Plant (<i>Sarracenia rosea</i>) Dieback and Partial Community Disassembly following Experimental Storm Surge in a Coastal Pitcher Plant Bog. PLoS ONE, 2015, 10, e0125475.	1.1	6
657	Self-Reported and FEMA Flood Exposure Assessment after Hurricane Sandy: Association with Mental Health Outcomes. PLoS ONE, 2017, 12, e0170965.	1.1	44
658	Rapid carbon accumulation following managed realignment on the Bay of Fundy. PLoS ONE, 2018, 13, e0193930.	1.1	23
659	Performance Characteristics of Megaregion Traffic Networks During Mass Evacuations. International Journal of Transportation, 2014, 2, 53-72.	0.4	8
661	Annual survival, site fidelity, and longevity in the eastern coastal population of the Painted Bunting (<i>Passerina ciris</i>). Wilson Journal of Ornithology, 2019, 131, 96.	0.1	3
662	Diatom Evidence of a Paleohurricane-Induced Coastal Flooding Event in Weeks Bay, Alabama, USA. Journal of Coastal Research, 2019, 35, 499.	0.1	12
663	Do Domestic Trade Frictions Have Global Consequences? The Welfare Impact of Hurricanes Activity Around US Ports. SSRN Electronic Journal, 0, , .	0.4	3
664	Tropical Cyclone Intensity Change in the Western North Pacific: Downscaling from IPCC AR4 Experiments. Journal of the Meteorological Society of Japan, 2012, 90, 223-233.	0.7	14
665	Assessment of Ocean Surface Winds and Tropical Cyclones around Japan by RCMs. Journal of the Meteorological Society of Japan, 2012, 90B, 91-102.	0.7	5
666	Seismotectonics Considered Artificial Neural Network Earthquake Prediction in Northeast Seismic Region of China. Open Civil Engineering Journal, 2015, 9, 522-528.	0.4	3
667	Spatial and temporal variation in grazing damage by the gastropod <i>Lacuna vincta</i> in Nova Scotian kelp beds. Aquatic Biology, 2011, 13, 163-173.	0.5	32
668	Effects of climate change on Mediterranean marine ecosystems: the case of the Catalan Sea. Climate Research, 2011, 50, 1-29.	0.4	137
669	Eastern Tropical Pacific hurricane variability and landfalls on Mexican coasts. Climate Research, 2014, 58, 221-234.	0.4	56
670	Long-term seasonality of rainfall in the southwest Florida Gulf coastal zone. Climate Research, 2016, 69, 93-105.	0.4	9
671	Aggregative feeding behavior in sea urchins leads to destructive grazing in a Nova Scotian kelp bed. Marine Ecology - Progress Series, 2012, 444, 69-83.	0.9	27
672	Climate change, heightened hurricane activity, and extinction risk for an endangered tropical seabird, the black-capped petrel <i>Pterodroma hasitata</i> . Marine Ecology - Progress Series, 2012, 454, 251-261.	0.9	28
673	Positive feedback between large-scale disturbance and density-dependent grazing decreases resilience of a kelp bed ecosystem. Marine Ecology - Progress Series, 2015, 522, 1-13.	0.9	17

#	ARTICLE	IF	CITATIONS
674	Cumulative effects of cyclones and bleaching on coral cover and species richness at Lizard Island. <i>Marine Ecology - Progress Series</i> , 2018, 604, 263-268.	0.9	42
675	Effects of tropical storms on the demography of reef corals. <i>Marine Ecology - Progress Series</i> , 2018, 606, 29-38.	0.9	12
676	Major hurricanes affect body condition of American crocodile <i>Crocodylus acutus</i> inhabiting Mexican Caribbean islands. <i>Marine Ecology - Progress Series</i> , 2020, 651, 145-162.	0.9	6
677	Microsite and rooting depth are more important than water-holding gel for establishment of restoration plantings of <i>Ilex vomitoria</i> on barrier islands in the Gulf of Mexico. <i>Native Plants Journal</i> , 2015, 16, 77-86.	0.0	4
678	Estimating Wind Damage in Forested Areas Due to Tornadoes. <i>Forests</i> , 2021, 12, 17.	0.9	10
679	In situ hydrodynamic and morphodynamic measurements during extreme storm events. <i>Shore and Beach</i> , 2019, , 23-30.	0.2	3
680	Modeling the Impacts of Sea Level Rise on Storm Surge Inundation in Flood-Prone Urban Areas of Hampton Roads, Virginia. <i>Marine Technology Society Journal</i> , 2018, 52, 92-105.	0.3	13
681	The Increased Risk of Flooding in Hampton Roads: On the Roles of Sea Level Rise, Storm Surges, Hurricanes, and the Gulf Stream. <i>Marine Technology Society Journal</i> , 2018, 52, 34-44.	0.3	18
682	Track Patterns of Landfalling and Coastal Tropical Cyclones in the Atlantic Basin, Their Relationship with the North Atlantic Oscillation (NAO), and the Potential Effect of Global Warming. <i>American Journal of Climate Change</i> , 2013, 02, 12-22.	0.5	20
683	Disasters and Climate Change. , 2011, , .		7
685	A spatially explicit database of wind disturbances in European forests over the period 2000–2018. <i>Earth System Science Data</i> , 2020, 12, 257-276.	3.7	52
686	ON THE INFLUENCE OF GLOBAL WARMING ON ATLANTIC HURRICANE FREQUENCY. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-3, 527-532.	0.2	8
687	Coral Reef Resilience through Biodiversity. <i>ISRN Oceanography</i> , 2013, 2013, 1-18.	0.5	21
688	The Effects of Climate Change on Natural Ecosystems of the Southeast USA. , 2013, , 237-270.		2
689	Climate of the Southeast USA: Past, Present, and Future. , 2013, , 8-42.		11
690	Sooty tern (<i>Onychoprion fuscatus</i>) survival, oil spills, shrimp fisheries, and hurricanes. <i>PeerJ</i> , 2017, 5, e3287.	0.9	10
692	Demographic Dynamics of a Population of Northern Mockingbirds (<i>Mimus polyglottus</i>) in New Orleans, U.S.A., before and after Hurricane Katrina. <i>American Midland Naturalist</i> , 2021, 186, .	0.2	0
693	Changing opinions on a changing climate: the effects of natural disasters on public perceptions of climate change. <i>Climatic Change</i> , 2021, 168, 25.	1.7	23

#	ARTICLE	IF	CITATIONS
694	Análisis del impacto en Costa Rica de los ciclones tropicales ocurridos en el Mar Caribe desde 1968 al 2007. Dialogos, 2010, 11, 26.	0.1	1
695	Adaptation in Coastal Systems. NATO Science for Peace and Security Series C: Environmental Security, 2011, , 375-400.	0.1	0
696	DUNE BUILDERS VS. OVERWASH MAINTAINERS: ECOMORPHODYNAMIC FEEDBACKS ON THE VIRGINIA COAST RESERVE BARRIER ISLANDS. , 2011, , .		0
697	Regional Increases in Landfall Frequency and Intensity of Atlantic Hurricanes in a Stochastic Model Forecast. , 0, , .		0
698	ADVANCES IN THE STUDY OF PALEOTEMPESTOLOGY. Marine Geology & Quaternary Geology, 2011, 31, 171-178.	0.1	1
699	Statistical Modeling of Tropical Cyclone Intensity. , 2012, , 63-73.		0
700	Physical Climate Forces. , 2012, , 10-51.		0
701	Simulated Tropical Cyclone Climatology in the Tropical Channel Experiments. , 2012, , 27-44.		0
702	Management of the Coastal Zone in Byron Bay: The Neglect of Medium-term Considerations. Agenda, 2013, 20, .	0.1	0
703	The Environments of the Poor in Southeast Asia, East Asia and the Pacific. , 2013, , .		0
704	Natural disaster losses and climate change. , 2014, , 1455-1461.		1
705	Rainfall Prediction for Landfalling Tropical Cyclones: Perspectives of Mitigation. Advances in Natural and Technological Hazards Research, 2014, , 175-201.	1.1	2
706	The Path Forward: Landslides in a Future Climate. , 2015, , 257-269.		1
710	Seasonal variations of terrestrial Dissolved Organic Carbon loading in response to rainfall events. , 2016, , .		0
711	Was passiert mit dem Wetter? â€“ Grundlagen des Klimawandels. , 2018, , 3-38.		0
713	Evaluating Continental Shelf Seabed-Elevation Changes from Archived Sediment-Core Records: Issues with Vertical Positioning and Implications for Integration with Subsurface Geophysics. Journal of Coastal Research, 2019, 36, 41.	0.1	10
716	Projections of Wind Gusts for New York City Under a Changing Climate. ASME Journal of Engineering for Sustainable Buildings and Cities, 2020, 1, .	0.6	1
717	On the use of synthetic tropical cyclones and hypothetical events for storm surge assessment under climate change. Natural Hazards, 2021, 105, 431-459.	1.6	6

#	ARTICLE	IF	CITATIONS
718	Emerging palaeoecological frameworks for elucidating plant dynamics in response to fire and other disturbance. <i>Global Ecology and Biogeography</i> , 2022, 31, 138-154.	2.7	13
721	Bordering Power. , 2020, , 104-128.		0
722	Probability Models. Springer Series in Reliability Engineering, 2021, , 9-104.	0.3	0
723	Sexual Power. , 2020, , 129-143.		0
724	Water Power. , 2020, , 48-64.		0
727	Digital Power. , 2020, , 83-103.		0
728	Aerial Power. , 2020, , 65-82.		0
729	Kinopolitical Power. , 2020, , 29-47.		0
730	The Impact of Distant Hurricanes on Perception of Flood Risk in Local Housing Markets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
731	The Rising Tide Lifts Some Interest Rates: Climate Change, Natural Disasters and Loan Pricing. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
732	Challenges for Appropriate Characterization of Compound Coastal Hazards. , 2021, , .		0
733	Asthma, Hay Fever, Pollen, and Climate Change. <i>Respiratory Medicine</i> , 2021, , 203-235.	0.1	1
735	Poleward Shift in Tropical Cyclone Tracks in the Northwest Pacific During Warm Periods: Past and Future. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004367.	1.3	6
736	Short-Term Effects of Two Hurricanes on Bird Populations in Southwestern Louisiana. <i>Southeastern Naturalist</i> , 2021, 20, .	0.2	1
737	Long-term trends in gastropod abundance and biodiversity: Disentangling effects of press versus pulse disturbances. <i>Global Ecology and Biogeography</i> , 2022, 31, 247-265.	2.7	6
739	Storm surge risk under various strengths and translation speeds of landfalling tropical cyclones. <i>Environmental Research Letters</i> , 2021, 16, 124055.	2.2	2
740	Tropical Storms and Temporary Migration in Vietnam. <i>Population and Development Review</i> , 0, , .	1.2	1
741	Transport of Water Vapor from Tropical Cyclones to the Upper Troposphere. <i>Atmosphere</i> , 2021, 12, 1506.	1.0	4

#	ARTICLE	IF	CITATIONS
742	Impacts of extreme environmental disturbances on piping plover survival are partially moderated by migratory connectivity. <i>Biological Conservation</i> , 2021, 264, 109371.	1.9	7
743	A Statistical Intraseasonal Prediction Model of Extended Boreal Summer Western North Pacific Tropical Cyclone Genesis. <i>Journal of Climate</i> , 2022, 35, 2459-2478.	1.2	13
744	Interannual and Interdecadal Drivers of Meridional Migration of Western North Pacific Tropical Cyclone Lifetime Maximum Intensity Location. <i>Journal of Climate</i> , 2022, 35, 2709-2722.	1.2	17
745	Prediction of the ocean water sound speeds via attribute-guided seismic waveform inversion. <i>Geophysics</i> , 2022, 87, U67-U79.	1.4	3
746	Forest Structure and Composition Are Critical to Hurricane Mortality. <i>Forests</i> , 2022, 13, 202.	0.9	7
747	Understanding of the Effect of Climate Change on Tropical Cyclone Intensity: A Review. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 205-221.	1.9	32
748	Responses to abiotic conditions. , 2022, , 29-91.		0
751	Prediction of the typhoon wind field in Hong Kong: integrating the effects of climate change using the Shared Socioeconomic Pathways. <i>Climate Dynamics</i> , 0, , 1.	1.7	4
752	Flood Extent Mapping During Hurricane Florence With Repeat-Pass L-Band UAVSAR Images. <i>Water Resources Research</i> , 2022, 58, .	1.7	4
753	Future Tropical Cyclone Projections and Uncertainty Estimates. , 2022, , 258-292.		0
754	Experimental and numerical investigation on wave impacts on box-girder bridges. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 1379-1397.	2.0	6
755	Observed Changes in the Frequency, Intensity, and Spatial Patterns of Nine Natural Hazards in the United States from 2000 to 2019. <i>Sustainability</i> , 2022, 14, 4158.	1.6	12
756	Hurricane-Induced Oceanic Carbon Changes in the Upper Ocean. <i>Oceans</i> , 2022, 3, 114-124.	0.6	0
757	The direct and indirect effects of a global pandemic on US fishers and seafood workers. <i>PeerJ</i> , 2022, 10, e13007.	0.9	5
758	Brazil Wave Climate from a High-Resolution Wave Hindcast. <i>Climate</i> , 2022, 10, 53.	1.2	4
759	Northwestern Pacific tropical cyclone activity enhanced by increased Asian dust emissions during the Little Ice Age. <i>Nature Communications</i> , 2022, 13, 1712.	5.8	6
760	Hurricane-associated population decrease in a critically endangered long-lived reptile. <i>Biotropica</i> , 2022, 54, 708-720.	0.8	2
761	An Approach to Approximate Wave Height from Acoustic Tide Gauges. <i>Journal of Atmospheric and Oceanic Technology</i> , 2022, , .	0.5	0

#	ARTICLE	IF	CITATIONS
762	Where are People Dying in Disasters, and Where is it Being Studied? A Mapping Review of Scientific Articles on Tropical Cyclone Mortality in English and Chinese. <i>Prehospital and Disaster Medicine</i> , 2022, 37, 409-416.	0.7	2
763	Typhoon and agricultural production portfolio Empirical evidence for a developing economy. <i>International Journal of Disaster Risk Reduction</i> , 2022, 75, 102938.	1.8	2
764	Biogeochemical responses of a highly polluted tropical coastal lagoon after the passage of a strong hurricane (Hurricane Irma). <i>Journal of Water and Climate Change</i> , 2022, 13, 1089-1105.	1.2	1
765	Modelling Climate Change Impacts on Tropical Dry Forest Fauna. <i>Sustainability</i> , 2022, 14, 4760.	1.6	2
766	Dynamical downscaling projections of late twenty-first-century U.S. landfalling hurricane activity. <i>Climatic Change</i> , 2022, 171, 1.	1.7	11
767	Disturbance legacies regulate coastal forest soil stability to changing salinity and inundation: A soil transplant experiment. <i>Soil Biology and Biochemistry</i> , 2022, 169, 108675.	4.2	6
768	Cyclone preparedness strategies for regional power transmission systems in data-scarce coastal regions of India. <i>International Journal of Disaster Risk Reduction</i> , 2022, 75, 102957.	1.8	1
782	Parsing Long-Term Tree Recruitment, Growth, and Mortality to Identify Hurricane Effects on Structural and Compositional Change in a Tropical Forest. <i>Forests</i> , 2022, 13, 796.	0.9	2
783	One-Pot Synthesis of Rubber Seed Shell-Derived N-Doped Ultramicroporous Carbons for Efficient CO ₂ Adsorption. <i>Nanomaterials</i> , 2022, 12, 1889.	1.9	3
784	Climate change influence on brook trout populations in the Central Appalachians. <i>Ecology of Freshwater Fish</i> , 2022, 31, 710-725.	0.7	3
786	Impacts of Hurricane Michael on Watershed Hydrology: A Case Study in the Southeastern United States. <i>Forests</i> , 2022, 13, 904.	0.9	0
787	Strong Dynamics in Tidal Marsh DOC Export in Response to Natural Cycles and Episodic Events From Continuous Monitoring. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	6
788	Emerging signals of declining forest resilience under climate change. <i>Nature</i> , 2022, 608, 534-539.	18.7	132
789	Tropical cyclone-blackout-heatwave compound hazard resilience in a changing climate. <i>Nature Communications</i> , 2022, 13, .	5.8	25
790	Numerical Simulation of the Locality of Erosional Damages by Storm Waves in Searching for Measures to Conserve Bonggil Beach, Korea. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
791	Coupling a Parametric Wave Solver into a Hydrodynamic Circulation Model to Improve Efficiency of Nested Estuarine Storm Surge Predictions. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1117.	1.2	1
792	Characterizing the Impacts of Turbulence Closures on Real Hurricane Forecasts: A Comprehensive Joint Assessment of Grid Resolution, Horizontal Turbulence Models, and Horizontal Mixing Length. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	4
793	Long-term spatiotemporal variation in density of a tropical folivore: responses to a complex disturbance regime. <i>Oecologia</i> , 2022, 199, 979-994.	0.9	2

#	ARTICLE	IF	CITATIONS
794	Coupled dynamics of aqueous biogeochemistry in contrasting floodplain environments: Implications for Critical Zone carbon sequestration along redox gradients. <i>Applied Geochemistry</i> , 2022, 145, 105413.	1.4	7
795	Evacuation route planning for alternative fuel vehicles. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 143, 103837.	3.9	10
796	Natural disasters, climate change, and sovereign risk. <i>Journal of International Economics</i> , 2022, 139, 103672.	1.4	14
797	Cascading effects of climate change on recreational marine flats fishes and fisheries. <i>Environmental Biology of Fishes</i> , 2023, 106, 381-416.	0.4	9
798	Has the Anthropocene affected the frequency and intensity of tropical cyclones? Evidence from Mascarene Islands historical records (southwestern Indian Ocean). <i>Global and Planetary Change</i> , 2022, 217, 103933.	1.6	2
799	Spatial patterns in the cover and composition of macroalgal assemblages on fringing and nearshore coral reefs. <i>Marine and Freshwater Research</i> , 2022, , .	0.7	0
800	Increasing typhoon impact and economic losses due to anthropogenic warming in Southeast China. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
801	Managing for red-necked woodpeckers is more complicated under climate change. <i>Journal of Wildlife Management</i> , 2022, 86, .	0.7	2
802	Future Hurricanes Will Increase Palm Abundance and Decrease Aboveground Biomass in a Tropical Forest. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
803	Seagrass roots strongly reduce cliff erosion rates in sandy sediments. <i>Marine Ecology - Progress Series</i> , 2022, 700, 1-12.	0.9	7
804	Vapor Isotope Probing of Typhoons Invading the Taiwan Region in 2016. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
805	Increasing Hurricane Intensification Rate Near the US Atlantic Coast. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	13
806	Can extreme climatic events induce shifts in adaptive potential? A conceptual framework and empirical test with <i>Anolis</i> lizards. <i>Journal of Evolutionary Biology</i> , 2023, 36, 195-208.	0.8	1
807	Machine learning-based assessment of storm surge in the New York metropolitan area. <i>Scientific Reports</i> , 2022, 12, .	1.6	12
809	Meridional response of Western North Pacific paleocyclone activity to tropical atmospheric circulation variability over the past millennium. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 610, 111331.	1.0	3
810	Effects of hurricane canopy gaps on longleaf pine and upland oak sapling growth. <i>Forest Ecology and Management</i> , 2023, 529, 120684.	1.4	4
811	The Emergency Medical Team Operating System: design, implementation, and evaluation of a field hospital information management system. <i>JAMIA Open</i> , 2022, 5, .	1.0	0
812	Characterizing group and individual engagement in intergroup encounters between small groups of ring-tailed lemurs (<i>Lemur catta</i>) on St. Catherines Island, USA. <i>Primates</i> , 0, , .	0.7	0

#	ARTICLE	IF	CITATIONS
813	Can low-resolution CMIP6 ScenarioMIP models provide insight into future European post-tropical-cyclone risk?. <i>Weather and Climate Dynamics</i> , 2022, 3, 1359-1379.	1.2	2
814	Effects of Hurricane Michael on Gulf Sturgeon in the Apalachicola River system, Florida. <i>Transactions of the American Fisheries Society</i> , 2022, 151, 725-742.	0.6	0
815	Factors affecting climate variability of basin-wide western North Pacific tropical cyclone intensity. <i>International Journal of Climatology</i> , 0, , .	1.5	0
817	Improved elasticity estimation model for typhoon storm surge losses in China. <i>Natural Hazards</i> , 0, , .	1.6	0
818	Effects of temporal framing and hazard experience on receptivity to hurricane risk messages: A survey of U.S. Gulf Coast residents. <i>Frontiers in Communication</i> , 0, 7, .	0.6	0
819	Assessment of the Spatial Variation in the Occurrence and Intensity of Major Hurricanes in the Western Hemisphere. <i>Climate</i> , 2023, 11, 15.	1.2	4
820	Populations of a tropical epiphytic orchid are destabilized in its peripheral range by hurricane and an exotic herbivore. <i>Ecosphere</i> , 2023, 14, .	1.0	2
821	Neritic larval fish assemblages across the Texas shelf in the northwestern Gulf of Mexico following Hurricane Harvey. <i>Fisheries Oceanography</i> , 0, , .	0.9	0
822	Near-Continuous Monitoring of a Coastal Salt Marsh Margin: Implications for Predicting Marsh Edge Erosion. <i>Earth Surface Processes and Landforms</i> , 0, , .	1.2	0
823	Distribution and habitat requirements of the Bahama Warbler <i>Setophaga flavescens</i> on Grand Bahama in 2018. <i>Bird Conservation International</i> , 2023, 33, .	0.7	0
824	Long-term responses to large-scale disturbances: spatiotemporal variation in gastropod populations and communities. <i>Oikos</i> , 2023, 2023, .	1.2	1
825	Variability in the Occurrence of Tropical and Extratropical Cyclones in the Atlantic Ocean and Its Climatic and Hydrological Determinants. <i>Atmosphere</i> , 2023, 14, 312.	1.0	0
826	The Relationship Between African Easterly Waves and Tropical Cyclones in Historical and Future Climates in the HighResMIP-PRIMAVERA Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	1
827	Modeling Potential Damages of Hurricanes at the Facility Scale: A Case Study of Eglin Air Force Base. <i>Journal of Infrastructure Systems</i> , 2023, 29, .	1.0	1
828	Unexpected high contribution of in-cloud wet scavenging to nitrogen deposition induced by pumping effect of typhoon landfall in China. <i>Environmental Research Communications</i> , 2023, 5, 021005.	0.9	2
829	Coral Gardens Reef, Belize: An <i>Acropora</i> spp. refugium under threat in a warming world. <i>PLoS ONE</i> , 2023, 18, e0280852.	1.1	1
830	Climatic variation along the distributional range in Cuban <i>Anolis</i> lizards: Species and ecomorphs under future scenarios of climate change. <i>Global Ecology and Conservation</i> , 2023, 42, e02401.	1.0	1
831	The impact of natural disasters on bank performance and the moderating role of financial integration. <i>Applied Economics</i> , 0, , 1-23.	1.2	2

#	ARTICLE	IF	CITATIONS
832	Implementing coastal adaptation: assessing and explaining success by local governments in Nova Scotia, Canada. <i>Journal of Environmental Planning and Management</i> , 0, , 1-25.	2.4	0
833	Post-Hurricane Damage Severity Classification at the Individual Tree Level Using Terrestrial Laser Scanning and Deep Learning. <i>Remote Sensing</i> , 2023, 15, 1165.	1.8	1
834	Attaining freshwater and estuarine-water soil saturation in an ecosystem-scale coastal flooding experiment. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	9
835	Variations of stable isotope in Typhoon Lupit (2021) rainfall and its response to upstream convective processes. <i>Hydrological Processes</i> , 2023, 37, .	1.1	1
836	Using Nonstationary Depth-Frequency Curves to Characterize Local Precipitation Trends. <i>Applied Engineering in Agriculture</i> , 2023, 39, 23-31.	0.3	0
837	Multiscale predictors of small tree survival across a heterogeneous tropical landscape. <i>PLoS ONE</i> , 2023, 18, e0280322.	1.1	1
838	A review of computational fluid dynamics application to investigate tropical cyclone wind speeds. <i>Natural Hazards</i> , 2023, 117, 897-915.	1.6	1
839	Trophic state resilience to hurricane disturbance of Lake Yojoa, Honduras. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
840	Increased U.S. coastal hurricane risk under climate change. <i>Science Advances</i> , 2023, 9, .	4.7	14
845	Disaster Medicine in a Changing Climate. , 2024, , 51-57.		0
859	Storm Surge Modeling: Influencing Factors. , 2024, , 611-632.		0
875	Primary Producers: Coastal Phytoplankton Ecology and Trophic Dynamics in the Face of Human and Climatic Pressures. , 2024, , 348-373.		1
876	Climate Change: Effects, Causes, Consequences Physical, Hydromorphological, Ecophysiological, and Biogeographical Changes in Coastal Wetlands and Waters. , 2024, , 626-641.		0
883	Applying a Public Health Context to Climate Change. , 2024, , 3-29.		0