

Long-term increase in *Karenia brevis* abundance along

Harmful Algae

6, 232-252

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Drift rhodophyte blooms emerge in Lee County, Florida, USA: Evidence of escalating coastal eutrophication. <i>Harmful Algae</i> , 2007, 6, 421-437.	2.2	86
2	Everglades restoration and water quality challenges in south Florida. <i>Ecotoxicology</i> , 2008, 17, 569-578.	1.1	35
3	Oceanography: Red tide rising. <i>Nature</i> , 2008, 452, 24-26.	13.7	22
4	Neurotoxic Shellfish Poisoning. <i>Marine Drugs</i> , 2008, 6, 430-455.	2.2	87
5	Tracing the early development of harmful algal blooms on the West Florida Shelf with the aid of Lagrangian coherent structures. <i>Journal of Geophysical Research</i> , 2008, 113, c12014.	3.3	77
6	Anatomy of a red tide bloom off the southwest coast of Florida. <i>Harmful Algae</i> , 2008, 7, 817-826.	2.2	36
7	Centers for Oceans and Human Health: a unified approach to the challenge of harmful algal blooms. <i>Environmental Health</i> , 2008, 7, S2.	1.7	50
8	Harmful algal blooms and eutrophication: Examining linkages from selected coastal regions of the United States. <i>Harmful Algae</i> , 2008, 8, 39-53.	2.2	530
9	Complexity in the eutrophication-harmful algal bloom relationship, with comment on the importance of grazing. <i>Harmful Algae</i> , 2008, 8, 140-151.	2.2	156
10	Determination of brevetoxin in recent marine sediments. <i>Chemosphere</i> , 2008, 73, 1373-1377.	4.2	28
11	On the remote monitoring of <i>Karenia brevis</i> blooms of the west Florida shelf. <i>Continental Shelf Research</i> , 2008, 28, 159-176.	0.9	35
12	Grazing by <i>Karenia brevis</i> on <i>Synechococcus</i> enhances its growth rate and may help to sustain blooms. <i>Aquatic Microbial Ecology</i> , 2009, 55, 17-30.	0.9	105
13	An Assessment of the Importance of Chaotic Stirring and Turbulent Mixing on the West Florida Shelf. <i>Journal of Physical Oceanography</i> , 2009, 39, 1743-1755.	0.7	30
14	Benthic Herbivores are not Deterred by Brevetoxins Produced by the Red Tide Dinoflagellate <i>Karenia Brevis</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 851-859.	0.9	13
15	A brief summary of the physiology and ecology of <i>Karenia brevis</i> Davis (G. Hansen and Moestrup comb.) maintenance, and termination. <i>Harmful Algae</i> , 2009, 8, 573-584.	2.2	90
16	Firm-level economic effects of HABS: A tool for business loss assessment. <i>Harmful Algae</i> , 2009, 8, 212-218.	2.2	59
17	Fatty acid profiles as a potential lipidomic biomarker of exposure to brevetoxin for endangered Florida manatees ( <i>Trichechus manatus latirostris</i> ). <i>Science of the Total Environment</i> , 2010, 408, 6124-6133.	3.9	13
18	Isolation on the West Florida Shelf with implications for red tides and pollutant dispersal in the Gulf of Mexico. <i>Nonlinear Processes in Geophysics</i> , 2010, 17, 685-696.	0.6	43

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19	Moderate Resolution Imaging Spectroradiometer (MODIS) observations of cyanobacteria blooms in Taihu Lake, China. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	280
20	On the recurrent <i>Ulva prolifera</i> blooms in the Yellow Sea and East China Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	228
21	Red tides and participation in marine-based activities: Estimating the response of Southwest Florida residents. <i>Harmful Algae</i> , 2010, 9, 333-341.	2.2	28
22	Satellite remote sensing of harmful algal blooms: A new multi-algorithm method for detecting the Florida Red Tide ( <i>Karenia brevis</i> ). <i>Harmful Algae</i> , 2010, 9, 440-448.	2.2	59
23	An opinion on the distribution and behavior of chemicals in response to climate change, with particular reference to the Asia-Pacific region. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 3-31.	0.6	7
24	A new bio-optical algorithm for the remote sensing of algal blooms in complex ocean waters. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	78
25	Aerosolized red tide toxins (brevetoxins) and asthma: Continued health effects after 1h beach exposure. <i>Harmful Algae</i> , 2011, 10, 138-143.	2.2	52
26	Review of Florida red tide and human health effects. <i>Harmful Algae</i> , 2011, 10, 224-233.	2.2	189
27	Forecasting and Modeling of Harmful Algal Blooms in the Coastal Zone. , 2011, , 217-330.		3
28	Interdisciplinary approaches for addressing marine contamination issues. <i>Environmental Conservation</i> , 2011, 38, 187-198.	0.7	1
29	Imprudent fishing harvests and consequent trophic cascades on the West Florida shelf over the last half century: A harbinger of increased human deaths from paralytic shellfish poisoning along the southeastern United States, in response to oligotrophication?. <i>Continental Shelf Research</i> , 2011, 31, 891-911.	0.9	21
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31	Transcriptomic response of the red tide dinoflagellate, <i>Karenia brevis</i> , to nitrogen and phosphorus depletion and addition. <i>BMC Genomics</i> , 2011, 12, 346.	1.2	111
32	Microbial Ecology and Global Health. <i>International Journal of Microbiology</i> , 2011, 2011, 1-2.	0.9	1
33	Prominent Human Health Impacts from Several Marine Microbes: History, Ecology, and Public Health Implications. <i>International Journal of Microbiology</i> , 2011, 2011, 1-15.	0.9	23
34	An investigation of submarine groundwater-borne nutrient fluxes to the west Florida shelf and recurrent harmful algal blooms. <i>Limnology and Oceanography</i> , 2012, 57, 471-485.	1.6	53
35	<i>Karenia</i> : The biology and ecology of a toxic genus. <i>Harmful Algae</i> , 2012, 14, 156-178.	2.2	179
36	Human induced turbidity changes in Poyang Lake between 2000 and 2010: Observations from MODIS. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	116

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37	Transcriptome remodeling associated with chronological aging in the dinoflagellate, <i>Karenia brevis</i> . <i>Marine Genomics</i> , 2012, 5, 15-25.	0.4	31
38	Resolving DOM fluorescence fractions during a <i>Karenia brevis</i> bloom patch on the Southwest Florida Shelf. <i>Continental Shelf Research</i> , 2012, 32, 121-129.	0.9	17
39	A 1-D simulation analysis of the development and maintenance of the 2001 red tide of the ichthyotoxic dinoflagellate <i>Karenia brevis</i> on the West Florida shelf. <i>Continental Shelf Research</i> , 2012, 41, 92-110.	0.9	14
40	Inherent and apparent optical properties of the complex estuarine waters of Tampa Bay: What controls light?. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 117, 54-69.	0.9	41
41	Submarine groundwater discharge in a river-dominated Florida estuary. <i>Marine Chemistry</i> , 2013, 156, 3-17.	0.9	51
42	Algae blooms in the Yellow Sea between 2010 and 2012 from MODIS observations. , 2013, , .		0
43	Evaluating nutrient impacts in urban watersheds: Challenges and research opportunities. <i>Environmental Pollution</i> , 2013, 173, 138-149.	3.7	154
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45	Bioaccumulation and depuration of brevetoxins in the eastern oyster ( <i>Crassostrea virginica</i> ) and the northern quahog (=Hard clam, <i>Mercenaria mercenaria</i> ). <i>Toxicon</i> , 2013, 66, 75-81.	0.8	12
46	Temporal variability in water quality parameters—a case study of drinking water reservoir in Florida, USA. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4305-4320.	1.3	11
47	Three-dimensional structure of a <i>Karenia brevis</i> bloom: Observations from gliders, satellites, and field measurements. <i>Harmful Algae</i> , 2013, 29, 22-30.	2.2	25
48	Population-genetic structure of the toxic dinoflagellate <i>Karenia brevis</i> from the Gulf of Mexico. <i>Journal of Plankton Research</i> , 2013, 35, 427-432.	0.8	5
49	Fish Sound Production in the Presence of Harmful Algal Blooms in the Eastern Gulf of Mexico. <i>PLoS ONE</i> , 2014, 9, e114893.	1.1	7
50	Benthic Macroalgal Blooms as Indicators of Nutrient Loading from Aquifer-Injected Sewage Effluent in Environmentally Sensitive Near-Shore Waters Associated with the South Florida Keys. <i>Journal of Geography and Geology</i> , 2014, 6, .	0.4	5
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53	The human health effects of Florida Red Tide (FRT) blooms: An expanded analysis. <i>Environment International</i> , 2014, 68, 144-153.	4.8	51
54	Monitoring red tide with satellite imagery and numerical models: A case study in the Arabian Gulf. <i>Marine Pollution Bulletin</i> , 2014, 79, 305-313.	2.3	78

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55	Nitrogen uptake and regeneration (ammonium regeneration, nitrification and photoproduction) in waters of the West Florida Shelf prone to blooms of <i>Karenia brevis</i> . <i>Harmful Algae</i> , 2014, 38, 50-62.	2.2	39
56	Blooms of <i>Karenia brevis</i> (Davis) G. Hansen & Å. Moestrup on the West Florida Shelf: Nutrient sources and potential management strategies based on a multi-year regional study. <i>Harmful Algae</i> , 2014, 38, 127-140.	2.2	51
57	Are offshore phytoplankton susceptible to <i>Karenia brevis</i> allelopathy?. <i>Journal of Plankton Research</i> , 2014, 36, 1344-1356.	0.8	22
58	Nitrogen, phosphorus and silica on the West Florida Shelf: Patterns and relationships with <i>Karenia</i> spp. occurrence. <i>Harmful Algae</i> , 2014, 38, 8-19.	2.2	29
59	The Gulf of Mexico ECOHAB: <i>Karenia</i> Program 2006â€“2012. <i>Harmful Algae</i> , 2014, 38, 3-7.	2.2	22
60	Human responses to Florida red tides: Policy awareness and adherence to local fertilizer ordinances. <i>Science of the Total Environment</i> , 2014, 493, 898-909.	3.9	19
61	Effects of the red tide dinoflagellate, <i>Karenia brevis</i> , on early development of the eastern oyster <i>Crassostrea virginica</i> and northern quahog <i>Mercenaria mercenaria</i> . <i>Aquatic Toxicology</i> , 2014, 155, 199-206.	1.9	32
62	Detection of macroalgae blooms by complex SAR imagery. <i>Marine Pollution Bulletin</i> , 2014, 78, 190-195.	2.3	36
63	Reponses of the dinoflagellate <i>Karenia brevis</i> to climate change: pCO <sub>2</sub> and sea surface temperatures. <i>Harmful Algae</i> , 2014, 37, 110-116.	2.2	54
64	A discrete mathematical extension of conceptual ecological models â€“ Application for the SE Florida shelf. <i>Ecological Indicators</i> , 2014, 44, 40-56.	2.6	3
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66	Drivers and effects of <i>Karenia mikimotoi</i> blooms in the western English Channel. <i>Progress in Oceanography</i> , 2015, 137, 456-469.	1.5	41
67	Point Source Nutrient Fluxes from an Urban Coast: the Boynton (Florida) Inlet. <i>Environment and Natural Resources Research</i> , 2015, 5, .	0.1	1
68	Uptake and elimination of brevetoxin in the invasive green mussel, <i>Perna viridis</i> , during natural <i>Karenia brevis</i> blooms in southwest Florida. <i>Toxicon</i> , 2015, 97, 46-52.	0.8	10
69	Susceptibility of gametes and embryos of the eastern oyster, <i>Crassostrea virginica</i> , to <i>Karenia brevis</i> and its toxins. <i>Toxicon</i> , 2015, 99, 6-15.	0.8	33
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74	Effects of field and laboratory exposure to the toxic dinoflagellate <i>Karenia brevis</i> on the reproduction of the eastern oyster, <i>Crassostrea virginica</i> , and subsequent development of offspring. <i>Harmful Algae</i> , 2016, 57, 13-26.	2.2	16
75	<i>Karenia brevis</i> blooms on the West Florida Shelf: A comparative study of the robust 2012 bloom and the nearly null 2013 event. <i>Continental Shelf Research</i> , 2016, 120, 106-121.	0.9	36
76	Temporal and spatial characteristics of harmful algal blooms in Qingdao Waters, China. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 400-414.	0.7	10
77	Effects of Florida Red Tides on histone variant expression and DNA methylation in the Eastern oyster <i>Crassostrea virginica</i> . <i>Aquatic Toxicology</i> , 2017, 186, 196-204.	1.9	47
78	Tissue uptake, distribution and excretion of brevetoxin-3 after oral and intratracheal exposure in the freshwater turtle <i>Trachemys scripta</i> and the diamondback terrapin <i>Malaclemys terrapin</i> . <i>Aquatic Toxicology</i> , 2017, 187, 29-37.	1.9	9
79	Ladder-Shaped Ion Channel Ligands: Current State of Knowledge. <i>Marine Drugs</i> , 2017, 15, 232.	2.2	22
80	The effects of red tide ( <i>Karenia brevis</i> ) on reflex impairment and mortality of sublegal Florida stone crabs, <i>Menippe mercenaria</i> . <i>Marine Environmental Research</i> , 2018, 137, 145-148.	1.1	14
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83	Coastal Harmful Algae Bloom Monitoring via a Sustainable, Sail-Powered Mobile Platform. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	14
84	Immune function in <i>Trachemys scripta</i> following exposure to a predominant brevetoxin congener, PbTx-3, as a model for potential health impacts for sea turtles naturally exposed to brevetoxins. <i>Ecotoxicology</i> , 2019, 28, 1085-1104.	1.1	20
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86	Using 1st Derivative Reflectance Signatures within a Remote Sensing Framework to Identify Macroalgae in Marine Environments. <i>Remote Sensing</i> , 2019, 11, 704.	1.8	8
87	Long-term observation of cyanobacteria blooms using multi-source satellite images: a case study on a cloudy and rainy lake. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11012-11028.	2.7	29
88	Building bridges between global information systems on marine organisms and ecosystem models. <i>Ecological Modelling</i> , 2019, 398, 1-19.	1.2	2
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91	Atlantic Goliath Grouper of Florida: To Fish or Not to Fish. <i>Fisheries</i> , 2020, 45, 20-32.	0.6	26

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93	Lessening the Hazards of Florida Red Tides: A Common Sense Approach. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	9
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95	An assessment of trends in the frequency and duration of <i>Karenia brevis</i> red tide blooms on the South Texas coast (western Gulf of Mexico). <i>PLoS ONE</i> , 2020, 15, e0239309.	1.1	18
96	Seasonal dynamics of terrestrially sourced nitrogen influenced <i>Karenia brevis</i> blooms off Florida's southern Gulf Coast. <i>Harmful Algae</i> , 2020, 98, 101900.	2.2	24
97	Using a naive Bayes classifier to explore the factors driving the harmful dinoflagellate <i>Karenia selliformis</i> blooms in a southeastern Mediterranean lagoon. <i>Ocean Dynamics</i> , 2020, 70, 897-911.	0.9	7
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102	Historical occurrences of marine microalgal blooms in Indian peninsula: Probable causes and implications. <i>Oceanologia</i> , 2021, 63, 51-70.	1.1	12
103	Successful mitigation of stormwater-driven nutrient, fecal bacteria and suspended solids loading in a recreational beach community. <i>Journal of Environmental Management</i> , 2021, 281, 111853.	3.8	5
104	Pathways and timescales associated with nitrogen transport from septic systems in coastal aquifers intersected by canals. <i>Hydrogeology Journal</i> , 2021, 29, 1953-1964.	0.9	3
105	Florida's Harmful Algal Bloom (HAB) Problem: Escalating Risks to Human, Environmental and Economic Health With Climate Change. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	43
106	Using Landsat 8 OLI data to differentiate <i>Sargassum</i> and <i>Ulva prolifera</i> blooms in the South Yellow Sea. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 98, 102302.	1.4	12
107	Understanding shifts in estuarine fish communities following disturbances using an ensemble modeling framework. <i>Ecological Indicators</i> , 2021, 126, 107623.	2.6	15
108	Effects of Multiple <i>Karenia brevis</i> Red Tide Blooms on a Common Bottlenose Dolphin ( <i>Tursiops</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
109	Review of Harmful Algal Blooms in the Coastal Mediterranean Sea, with a Focus on Greek Waters. <i>Diversity</i> , 2021, 13, 396.	0.7	19
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112	A reusable QCR aptasensor for the detection of Brevetoxin-2 in shellfish. <i>Talanta</i> , 2021, 233, 122503.	2.9	4
113	Variable migration patterns of whitespotted eagle rays <i>Aetobatus narinari</i> along Florida's coastlines. <i>Marine Biology</i> , 2021, 168, 1.	0.7	13
114	Role of emergent and submerged vegetation and algal communities on nutrient retention and management in a subtropical urban stormwater treatment wetland. <i>Wetlands Ecology and Management</i> , 2021, 29, 245-264.	0.7	8
115	Coastal Ecosystems coastal ecosystem , Sustainable Management coastal ecosystem sustainable management. , 2012, , 2258-2270.		2
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117	Nutrient concentrations in tidal creeks as indicators of the water quality role of mangrove wetlands in Southwest Florida. <i>Ecological Indicators</i> , 2017, 80, 316-326.	2.6	18
119	Distribution of picophytoplankton and nanophytoplankton along an anthropogenic eutrophication gradient in French Mediterranean coastal lagoons. <i>Aquatic Microbial Ecology</i> , 2011, 63, 29-45.	0.9	93
120	Brevetoxin exposure in sea turtles in south Texas (USA) during <i>Karenia brevis</i> red tide. <i>Diseases of Aquatic Organisms</i> , 2018, 127, 145-150.	0.5	14
121	Biology, ecology, and status of the smalltooth sawfish <i>Pristis pectinata</i> in the USA. <i>Endangered Species Research</i> , 2019, 39, 9-23.	1.2	30
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125	Neurotoxic Shellfish Poisoning. <i>Marine Drugs</i> , 2008, 6, 431-455.	2.2	212
127	How Red Tides Impact Manatees. <i>Edis</i> , 2019, 2019, .	0.0	0
129	Occurrence of <i>Karenia brevis</i> near Southwest Florida coast 1971 to 2017: a geospatial analysis. <i>Journal of Coastal Conservation</i> , 2021, 25, 1.	0.7	7
130	Quantifying <i>Karenia brevis</i> bloom severity and respiratory irritation impact along the shoreline of Southwest Florida. <i>PLoS ONE</i> , 2022, 17, e0260755.	1.1	17
131	Rapidly Deployable Algae Cleaning System for Applications in Freshwater Reservoirs and Water Bodies. <i>Phycology</i> , 2022, 2, 60-75.	1.7	0



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133	Clam aquaculture profitability under changing environmental risks. <i>Aquaculture, Economics and Management</i> , 2022, 26, 283-300.	2.3	8
134	Preservation of brevetoxins in Southwest Florida coastal sediments. <i>Harmful Algae</i> , 2022, 114, 102222.	2.2	2
135	Nitrogen-enriched discharges from a highly managed watershed intensify red tide ( <i>Karenia brevis</i> ) blooms in southwest Florida. <i>Science of the Total Environment</i> , 2022, 827, 154149.	3.9	33
136	Earth system models for regional environmental management of red tide: Prospects and limitations of current generation models and next generation development. <i>Environmental Earth Sciences</i> , 2022, 81, .	1.3	3
137	Septic systemâ€™groundwaterâ€™surface water couplings in waterfront communities contribute to harmful algal blooms in Southwest Florida. <i>Science of the Total Environment</i> , 2022, 837, 155319.	3.9	17
138	The influence of Lake Okeechobee discharges on <i>Karenia brevis</i> blooms and the effects on wildlife along the central west coast of Florida. <i>Harmful Algae</i> , 2022, 115, 102237.	2.2	7
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143	Simulated response of St. Joseph Bay, Florida, seagrass meadows and their belowground carbon to anthropogenic and climate impacts. <i>Marine Environmental Research</i> , 2022, 179, 105694.	1.1	3
144	Exposure-response relationship between <i>K. brevis</i> blooms and reporting of upper respiratory and neurotoxin-associated symptoms. <i>Harmful Algae</i> , 2022, 117, 102286.	2.2	5
145	Temporality of fishery tasksapes on the north-central Gulf of Mexico coast (USA) during the Middle/Late Woodland period (AD 325â€™1040). <i>Journal of Anthropological Archaeology</i> , 2022, 67, 101436.	0.7	3
146	<i>Karenia brevis</i> bloom patterns on the west Florida shelf between 2003 and 2019: Integration of field and satellite observations. <i>Harmful Algae</i> , 2022, 117, 102289.	2.2	6
147	Assessing the potential for red tide ( <i>Karenia brevis</i> ) algal bloom impacts on Atlantic tarpon ( <i>Megalops</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	4
148	Agriculture and downstream ecosystems in Florida: an analysis of media discourse. <i>Environmental Science and Pollution Research</i> , 2023, 30, 3804-3816.	2.7	1
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