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## Hypoxia in the Gulf of Mexico

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305	A global marine-fixed nitrogen isotopic budget: Implications for Holocene nitrogen cycling. <b>2002</b> , 16, 67-1-67-14		339
304	Relating net nitrogen input in the Mississippi River basin to nitrate flux in the lower Mississippi River: a comparison of approaches. <i>Journal of Environmental Quality</i> , <b>2002</b> , 31, 1610-22	3-4	83
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302	Effects of land-use change on nutrient discharges from the Patuxent River watershed. <b>2003</b> , 26, 244-266		69
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299	Impact of changing land use practices on nitrate export by the Mississippi River. <b>2004</b> , 18, n/a-n/a		103
298	DEVELOPMENT AND EVALUATION OF A SIMPLIFIED MECHANISTIC-STOCHASTIC METHOD FOR FIELD-SCALE SOLUTE TRANSPORT PREDICTION. <b>2005</b> , 170, 225-234		6
297	Time-series observations during the low sub-surface oxygen events in Narragansett Bay during summer 2001. <b>2005</b> , 97, 90-103		51
296	Farm Nutrient Management Practices in Two Geographically Diverse Watersheds in the Cottonwood River Watershed of Minnesota, USA. <b>2005</b> , 165, 211-231		1
295	Status and trends of dissolved oxygen in Corpus Christi Bay, Texas, U.S.A. <b>2005</b> , 107, 297-311		25
294	In situ ground water denitrification in stratified, permeable soils underlying riparian wetlands. <i>Journal of Environmental Quality</i> , <b>2005</b> , 34, 524-33	3-4	58
293	Multifunctional Agriculture in the United States. <b>2005</b> , 55, 27		171
292	TRACING RIVER INFLUENCES ON PHYTOPLANKTON DYNAMICS IN TWO LOUISIANA ESTUARIES. <b>2005</b> , 86, 2751-2762		39
291	Declining threshold for hypoxia in the Gulf of Mexico. <b>2005</b> , 39, 716-23		30
290	Denitrification and the nitrogen budget of a reservoir in an agricultural landscape. <b>2006</b> , 16, 2177-90		107

289	Bio-optical properties and ocean color algorithms for coastal waters influenced by the Mississippi River during a cold front. <b>2006</b> , 45, 7410-28		77
288	Isotopic evidence of nitrate sources and denitrification in the Mississippi River, Illinois. <i>Journal of Environmental Quality</i> , <b>2006</b> , 35, 495-504	3-4	92
287	Potential for a Rye Cover Crop to Reduce Nitrate Loss in Southwestern Minnesota. <b>2006</b> , 98, 1416-1426		61
286	Nitrogen dynamics in sediment during water level manipulation on the Upper Mississippi River. <b>2006</b> , 22, 651-666		30
285	Recent eutrophication and consequent hypoxia in the bottom waters of the Lower St. Lawrence Estuary: Micropaleontological and geochemical evidence. <b>2006</b> , 231, 37-50		71
284	Physicochemical environments and tolerances of cyprinodontoid fishes found in estuaries and salt marshes of eastern North America. <b>2006</b> , 16, 51-106		86
283	Nitrate loss from a restored floodplain in the Lower Cosumnes River, California. <b>2006</b> , 571, 261-272		26
282	Spring-water Nitrate Increased with Removal of Livestock Grazing in a California Oak Savanna. <b>2006</b> , 9, 254-267		17
281	The effects of hypoxia and pH on phenoloxidase activity in the Atlantic blue crab, <i>Callinectes sapidus</i> . <b>2006</b> , 144, 218-23		65
280	Removal of H <sub>2</sub> S via an iron catalytic cycle and iron sulfide precipitation in the water column of dead end tributaries. <b>2006</b> , 70, 461-472		44
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278	Hydrology and Nitrogen Components of a Simple Rye Growth Model. <b>2007</b> , 133, 90-99		2
277	Empirical analysis and prediction of nitrate loading and crop yield for corn/soybean rotations. <b>2007</b> , 140, 223-234		26
276	Hypoxia in the East China Sea: one of the largest coastal low-oxygen areas in the world. <b>2007</b> , 64, 399-408		267
275	Response of Sediment Denitrification Rates to Environmental Variables in Streams Heavily Impacted by Agriculture. <b>2007</b> , 22, 371-382		17
274	Modeling riverine nitrate export from an East-Central Illinois watershed using SWAT. <i>Journal of Environmental Quality</i> , <b>2007</b> , 36, 996-1005	3-4	56
273	Behavioural responses of the Dungeness crab, <i>Cancer magister</i> , during feeding and digestion in hypoxic conditions. <b>2007</b> , 150, 941-951		26
272	Effects of stream map resolution on measures of riparian buffer distribution and nutrient retention potential. <b>2007</b> , 22, 973-992		51

271	Net anthropogenic phosphorus inputs: spatial and temporal variability in the Chesapeake Bay region. <b>2008</b> , 88, 285-304		99
270	Mechanisms of Phosphorus Control in Urban Streams Receiving Sewage Effluent. <b>2008</b> , 191, 217-229		20
269	Contribution of sediment fluxes and transformations to the summer nitrogen budget of an Upper Mississippi River backwater system. <b>2008</b> , 598, 95-107		16
268	Quantifying nitrogen cycling beneath a meander of a low gradient, N-impacted, agricultural stream using tracers and numerical modelling. <b>2008</b> , 22, 1206-1215		23
267	Coastal eutrophication in Brazil: A review of the role of nutrient excess on coral reef demise. <b>2008</b> , 25, 257-270		54
266	Simulated long-term nitrogen losses for a midwestern agricultural watershed in the United States. <b>2008</b> , 95, 616-624		18
265	A retrospective analysis of nutrients and phytoplankton productivity in the Mississippi River plume. <b>2008</b> , 28, 1466-1475		90
264	Ecological engineering of floodplains. <b>2008</b> , 8, 139-147		34
263	Effect of Treating Field Spatial Variability in Winter Wheat at Different Resolutions. <b>2008</b> , 31, 1975-1998		10
262	When does nitrate become a risk for humans?. <i>Journal of Environmental Quality</i> , <b>2008</b> , 37, 291-5	3.4	186
261	Colored dissolved organic matter in coastal waters influenced by the Atchafalaya River, USA: effects of an algal bloom. <b>2008</b> , 2, 023502		28
260	An investigation of periodic hypoxia at Ardbear Salt Lake. <b>2008</b> , 88, 1297-1307		6
259	Productivity and Nutrient Dynamics in Bioenergy Double-Cropping Systems. <b>2008</b> , 100, 1740-1748		79
258	The Nitrogen Cycle, Historical Perspective, and Current and Potential Future Concerns. <b>2008</b> , 1-18		4
257	Impact of elevated copper on the rate and gaseous products of denitrification in freshwater sediments. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 1183-92	3.4	6
256	In-stream bioreactor for agricultural nitrate treatment. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 230-7	3.4	92
255	Implications of Cumulative Impacts to Estuarine and Marine Habitat Quality for Fish and Invertebrate Resources. <b>2009</b> , 17, 505-523		71
254	Climatic variation alters supply-side ecology: impact of climate patterns on phytoplankton and mussel recruitment. <b>2009</b> , 79, 379-395		69

253	Spatial distribution of live benthic foraminifera in the Rhône prodelta: Faunal response to a continental-marine organic matter gradient. <b>2009</b> , 70, 177-200	121
252	A comparison of the mesozooplankton response to hypoxia in Chesapeake Bay and the northern Gulf of Mexico using the biomass size spectrum. <b>2009</b> , 381, S65-S73	29
251	A simple approach to distinguish land-use and climate-change effects on watershed hydrology. <b>2009</b> , 376, 24-33	253
250	Seasonal and interannual variability of cross-shelf transports of chlorophyll in the Gulf of Mexico. <b>2009</b> , 77, 1-20	49
249	Climate simulations of major estuarine watersheds in the Mid-Atlantic region of the US. <b>2009</b> , 95, 139-168	53
248	Recent water quality trends and a comparison to sediment-core records for two riverine lakes of the Upper Mississippi River basin: Lake St. Croix and Lake Pepin. <b>2009</b> , 41, 603-622	10
247	Laboratory Determination of Molybdenum Accumulation Rates as a Measure of Hypoxic Conditions. <b>2009</b> , 32, 642-653	6
246	Hydromorphological mechanisms leading to hypoxia off the Changjiang estuary. <b>2009</b> , 67, 53-8	84
245	Effects of Agricultural Drainage on Aquatic Ecosystems: A Review. <b>2009</b> , 39, 909-1001	381
244	Spatial and temporal dynamics of coupled groundwater and nitrogen fluxes through a streambed in an agricultural watershed. <b>2009</b> , 45,	63
243	Influences of spatial scale and soil permeability on relationships between land cover and baseflow stream nutrient concentrations. <b>2010</b> , 45, 336-50	15
242	Cold-front-induced flushing of the Louisiana Bays. <b>2010</b> , 82, 252-264	74
241	Nitrate removal rates in woodchip media of varying age. <b>2010</b> , 36, 1581-1587	160
240	A geospatial approach for assessing denitrification sinks within lower-order catchments. <b>2010</b> , 36, 1596-1606	37
239	Nitrogen balance in and export from agricultural fields associated with controlled drainage systems and denitrifying bioreactors. <b>2010</b> , 36, 1558-1566	136
238	Microbial community dynamics in a seasonally anoxic fjord: Saanich Inlet, British Columbia. <b>2010</b> , 12, 172-91	157
237	Natural and human-induced hypoxia and consequences for coastal areas: synthesis and future development. <b>2010</b> , 7, 1443-1467	276
236	Disasters. Scenario-building for the Deepwater Horizon oil spill. <b>2010</b> , 329, 1018-9	31

235	The vertical distribution and diel variability of mesozooplankton biomass, abundance and size in response to hypoxia in the northern Gulf of Mexico USA. <b>2010</b> , 32, 1185-1202	25
234	Changing nutrient levels in Lake Maurepas following human population shifts in response to Hurricane Katrina. <b>2010</b> , 26, 327-337	3
233	Runoff and Sediment Transport from Compost Mulch Berms on a Simulated Military Training Landscape. <b>2010</b> , 19, 307-321	3
232	Nitrous oxide emissions from the gulf of Mexico hypoxic zone. <b>2010</b> , 44, 1617-23	20
231	An isotope dilution method to measure nitrification rates in the northern Gulf of Mexico and other eutrophic waters. <b>2010</b> , 30, 1795-1801	30
230	Denitrification in coastal Louisiana: A spatial assessment and research needs. <b>2010</b> , 63, 157-172	45
229	Effects of changes in N-fertilizer management on water quality trends at the watershed scale. <b>2010</b> , 97, 1855-1860	16
228	Effects of cadmium on hypoxia-induced expression of hemoglobin and erythropoietin in larval sheepshead minnow, <i>Cyprinodon variegatus</i> . <b>2010</b> , 99, 168-75	26
227	Linkages among aquatic ecosystems. <b>2010</b> , 29, 245-263	60
226	Stream water nutrient enrichment in a mixed-use watershed. <b>2011</b> , 13, 721-31	7
225	Effects of riparian buffers on nitrate concentrations in watershed discharges: new models and management implications. <b>2011</b> , 21, 1679-95	51
224	Dispersal of Mississippi and Atchafalaya sediment on the Texas-Louisiana shelf: Model estimates for the year 1993. <b>2011</b> , 31, 1558-1575	55
223	Assessing social-ecological coupling: Agriculture and hypoxia in the Gulf of Mexico. <b>2011</b> , 21, 530-539	23
222	Nitrate controls methyl mercury production in a streambed bioreactor. <i>Journal of Environmental Quality</i> , <b>2011</b> , 40, 1586-92	3-4 37
221	Nitrate-nitrogen losses through subsurface drainage under various agricultural land covers. <i>Journal of Environmental Quality</i> , <b>2011</b> , 40, 1578-85	3-4 42
220	Acidification of Lower St. Lawrence Estuary Bottom Waters. <b>2011</b> , 49, 206-218	49
219	Comparison of denitrification characteristics among three habitat types of a large river floodplain: Atchafalaya River Basin, Louisiana. <b>2011</b> , 658, 17-25	13
218	Temperature Control on Soluble Reactive Phosphorus in the Lower Mississippi River?. <b>2011</b> , 34, 78-89	10

217	Development of a new indicator of pollutant loads and its application to the Chesapeake Bay watershed. <b>2011</b> , 27, 202-212	4
216	Temporal variation in river nutrient and dissolved lignin phenol concentrations and the impact of storm events on nutrient loading to Hood Canal, Washington, USA. <b>2012</b> , 111, 629-645	29
215	Relationship between environmental conditions and zooplankton community structure during summer hypoxia in the northern Gulf of Mexico. <b>2012</b> , 34, 602-613	36
214	Modeling the effects of controlled drainage, N rate and weather on nitrate loss to subsurface drainage. <b>2012</b> , 103, 150-161	41
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212	Potential role of inorganic polyphosphate in the cycling of phosphorus within the hypoxic water column of Effingham Inlet, British Columbia. <b>2012</b> , 26, n/a-n/a	26
211	Relative role of wind forcing and riverine nutrient input on the extent of hypoxia in the northern Gulf of Mexico. <b>2012</b> , 39, n/a-n/a	56
210	Stable isotope characterization of hypoxia-susceptible waters on the Louisiana shelf: Tracing freshwater discharge and benthic respiration. <b>2012</b> , 47, 7-15	15
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208	Microbial ecology of expanding oxygen minimum zones. <b>2012</b> , 10, 381-94	325
207	Synchrony of net nitrogen mineralization and maize nitrogen uptake following applications of composted and fresh swine manure in the Midwest U.S.. <b>2012</b> , 93, 65-74	27
206	A novel framework for analysis of cross-media environmental effects from agricultural conservation practices. <b>2012</b> , 146, 44-51	10
205	Long-term nitrate loss along an agricultural intensity gradient in the Upper Midwest USA. <b>2012</b> , 149, 10-19	110
204	100 Years of benthic foraminiferal history on the inner Texas shelf inferred from fauna and stable isotopes: Preliminary results from two cores. <b>2012</b> , 38, 89-97	8
203	Annual cycle of hypoxia off the Changjiang (Yangtze River) Estuary. <b>2012</b> , 77, 1-5	87
202	Photochemical degradation of phenanthrene as a function of natural water variables modeling freshwater to marine environments. <b>2012</b> , 64, 532-8	31
201	Impact of overlying water velocity on ammonium uptake by benthic biofilms. <b>2013</b> , 27, 570-578	21
200	Isotopic signature of nitrate in river waters of the lower Mississippi and its distributary, the Atchafalaya. <b>2013</b> , 27, 2840-2850	19

199	Modeling the impact of nitrogen fertilizer application and tile drain configuration on nitrate leaching using SWAT. <b>2013</b> , 130, 36-43	40
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197	Landscape-Level Estimation of Nitrogen Removal in Coastal Louisiana Wetlands: Potential Sinks under Different Restoration Scenarios. <b>2013</b> , 67, 75-87	25
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195	Role of sedimentary environment in the development of hypoxia and anoxia in the NW Adriatic shelf (Italy). <b>2013</b> , 128, 9-21	14
194	Agriculture, Nutrient Management, and Water Quality. <b>2013</b> , 95-110	4
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191	Exploring global changes in nitrogen and phosphorus cycles in agriculture induced by livestock production over the 1900-2050 period. <b>2013</b> , 110, 20882-7	545
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181	Geochemical, Temperature, and Hydrologic Transport Limitations on Nitrate Retention in Tidal Freshwater Wetlands, Patuxent River, Maryland. <b>2014</b> , 34, 641-651		4
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122	Space-Time Geostatistical Assessment of Hypoxia in the Northern Gulf of Mexico. <b>2018</b> , 52, 12484-12493	15
121	The Impact of Federal and State Conservation Programs on Farmer Nitrogen Management. <b>2018</b> , 62, 694-708	10
120	Low cost media can filter particulate phosphorus from turbid stream water under short retention times. <b>2018</b> , 123, 95-102	7
119	Nitrate and phosphorus transport through subsurface drains under free and controlled drainage. <b>2018</b> , 142, 196-207	30
118	Hypoxia in Korean Coastal Waters: A Case Study of the Natural Jinhae Bay and Artificial Shihwa Bay. <b>2018</b> , 5,	15
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115	Respiration and Metabolic Age as Controls of Bottom Water Hypoxia on the Louisiana Continental Shelf; 1818s the Ghost of Respiration Past. <b>2018</b> , 41, 1297-1313	
114	Agriculture, Nutrient Management and Water Quality. <b>2018</b> ,	1
113	Effect of Hypoxia on Diet of Atlantic Bumpers in the Northern Gulf of Mexico. <b>2018</b> , 147, 740-748	3
112	Comparing Methods for Overseeding Winter Rye into Standing Soybean. <b>2019</b> , 2, 1-7	1
111	Modeling Fish Movement in 3-D in the Gulf of Mexico Hypoxic Zone. <b>2019</b> , 42, 1662-1685	4
110	A Comparison of Some Interpolation Techniques for Determining Spatial Distribution of Nitrogen Compounds in Groundwater. <b>2019</b> , 13, 679-687	16

109	The Role of Field-Scale Management on Soil and Surface Runoff C/N/P Stoichiometry. <i>Journal of Environmental Quality</i> , <b>2019</b> , 48, 1543-1548	3-4
108	Hypoxia and associated feedbacks at sediment-water interface as an early warning signal of resilience shift in an anthropogenically impacted river. <b>2019</b> , 178, 108712	7
107	Depth-Dependent Environmental Drivers of Microbial Plankton Community Structure in the Northern Gulf of Mexico. <b>2018</b> , 9, 3175	11
106	Benthic fluxes from hypoxia-influenced Gulf of Mexico sediments: Impact on bottom water acidification. <b>2019</b> , 209, 94-106	14
105	Patterns in phytoplankton and benthic production on the shallow continental shelf in the northeastern Gulf of Mexico. <b>2019</b> , 179, 105-114	2
104	An empirically validated method for characterizing pelagic habitats in the Gulf of Mexico using ocean model data. <b>2019</b> , 17, 362	3
103	Extent of the annual Gulf of Mexico hypoxic zone influences microbial community structure. <b>2019</b> , 14, e0209055	10
102	Variability of particulate bioavailable phosphorus, particulate organic carbon and nitrogen in agricultural and urban rivers. <b>2019</b> , 7, 103086	5
101	Qualitative and Quantitative Aspects of the Modern Nitrogen Cycle. <b>2019</b> , 31-63	
100	Storm effects on nitrogen flux and longitudinal variability in a river-reservoir system. <b>2019</b> , 35, 577	2
99	Oil toxicity and implications for environmental tolerance in fish. <b>2019</b> , 220, 52-61	9
98	Hypoxic volume is more responsive than hypoxic area to nutrient load reductions in the northern Gulf of Mexico—And it matters to fish and fisheries. <b>2019</b> , 14, 024012	11
97	Reducing adverse side effects by seasonally lowering nitrate removal in subsurface flow constructed wetlands. <b>2019</b> , 240, 190-197	13
96	Identification of marine management priority areas using a GIS-based multi-criteria approach. <b>2019</b> , 172, 82-92	8
95	Watershed Reactive Transport. <b>2019</b> , 85, 381-418	18
94	Time-Evolving, Spatially Explicit Forecasts of the Northern Gulf of Mexico Hypoxic Zone. <b>2019</b> , 53, 14449-14458	
93	Changjiang Estuary. <b>2019</b> , 51-75	1
92	Anthropogenically enhanced sediment oxygen demand creates mosaic of oxygen deficient zones in the Ganga River: Implications for river health. <b>2019</b> , 171, 709-720	13

91	Cyanate and urea are substrates for nitrification by Thaumarchaeota in the marine environment. <b>2019</b> , 4, 234-243	55
90	Decision tree techniques to assess the role of daily DO variation in classifying shallow eutrophicated lakes in Hanoi, Vietnam. <b>2020</b> , 55, 67-78	3
89	Nutrient control in water bodies: A systems approach. <i>Journal of Environmental Quality</i> , <b>2020</b> , 49, 517-534	12
88	Mercury concentrations in blubber and skin from stranded bottlenose dolphins ( <i>Tursiops truncatus</i> ) along the Florida and Louisiana coasts (Gulf of Mexico, USA) in relation to biological variables. <b>2020</b> , 180, 108886	6
87	Factors Controlling Hypoxia Occurrence in Estuaries, Chester River, Chesapeake Bay. <b>2020</b> , 12, 1961	3
86	Evaluation of AnnAGNPS Model for Runoff Simulation on Watersheds from Glaciated Landscape of USA Midwest and Northeast. <b>2020</b> , 12, 3525	2
85	Precipitation as the Primary Driver of Variability in River Nitrogen Loads in the Midwest United States. <b>2020</b> , 56, 113-133	7
84	Changing Biogeochemistry and Invertebrate Community Composition at Newly Deployed Artificial Reefs in the Northeast Gulf of Mexico. <b>2020</b> , 43, 680-692	3
83	The expanded footprint of the Deepwater Horizon oil spill in the Gulf of Mexico deep-sea benthos. <b>2020</b> , 15, e0235167	8
82	Single cell analyses reveal contrasting life strategies of the two main nitrifiers in the ocean. <b>2020</b> , 11, 767	29
81	Population genomics of three deep-sea cephalopod species reveals connectivity between the Gulf of Mexico and northwestern Atlantic Ocean. <b>2020</b> , 158, 103222	4
80	Fine-Scale Analysis of the Energy-Land-Water Nexus: Nitrate Leaching Implications of Biomass Cofiring in the Midwestern United States. <b>2020</b> , 54, 2122-2132	4
79	Changes in Ecosystem Nitrogen and Carbon Allocation with Black Mangrove ( <i>Avicennia germinans</i> ) Encroachment into <i>Spartina alterniflora</i> Salt Marsh. <b>2021</b> , 24, 1007-1023	2
78	The impact of recently excavated dredge pits on coastal hypoxia in the northern Gulf of Mexico shelf. <b>2021</b> , 163, 105199	1
77	Review of options for creating and maintaining oxygen refuges for fish during destratification-driven hypoxia in rivers. <b>2021</b> , NULL	2
76	Small-Scale Variability of Bottom Oxygen in the Northern Gulf of Mexico. <b>2021</b> , 126,	1
75	Ecosystem Responses to Pollution in the Ganga River: Key Issues to Address River Management. <b>2021</b> , 221-253	
74	Effects of spatial variability on the exposure of fish to hypoxia: a modeling analysis for the Gulf of Mexico. <b>2021</b> , 18, 487-507	0

73	Contiguous Low Oxygen Waters between the Continental Shelf Hypoxia Zone and Nearshore Coastal Waters of Louisiana, USA: Interpreting 30 Years of Profiling Data and Three-Dimensional Ecosystem Modeling. <b>2021</b> , 55, 4709-4719	2
72	Pelagic denitrification and methane oxidation in oxygen-depleted waters of the Louisiana shelf. <b>2021</b> , 154, 231-254	2
71	The effects of temperature on oil-induced respiratory impairment in red drum ( <i>Sciaenops ocellatus</i> ). <b>2021</b> , 233, 105773	3
70	Age frequency, growth, mortality, and PAH levels of rougtongue bass ( <i>Pronotogrammus martinicensis</i> ) following the Deepwater Horizon oil spill. <b>2021</b> , 166, 112214	
69	Partitioning and transformation of organic and inorganic phosphorus among dissolved, colloidal and particulate phases in a hypereutrophic freshwater estuary. <b>2021</b> , 196, 117025	5
68	Emerging Wetlands From River Diversions Can Sustain High Denitrification Rates in a Coastal Delta. <b>2021</b> , 126, e2020JG006217	3
67	Assessing the Impacts of Recent Crop Expansion on Water Quality in the Missouri River Basin Using the Soil and Water Assessment Tool. <b>2021</b> , 13, e2020MS002284	2
66	Human-driven changes in sediment-water interactions may increase the degradation of ecosystem functioning in the Ganga River. <b>2021</b> , 598, 126261	3
65	Macrobenthos community response to the seasonal hypoxia associated with coastal upwelling off Kochi, along the Southwest coast of India. <b>2021</b> , 224, 104450	0
64	Incorporating Water Quality Analysis into Navigation Assessments as Demonstrated in the Mississippi River Basin. <b>2021</b> , 147, 04021022	1
63	Constraints on isomers of dissolved organic matter in aquatic environments: Insights from ion mobility mass spectrometry. <b>2021</b> , 308, 353-372	8
62	Effect of trophic position on mercury concentrations in bottlenose dolphins ( <i>Tursiops truncatus</i> ) from the northern Gulf of Mexico. <b>2021</b> , 112124	1
61	Eutrophication and Hypoxia in Tropical Negombo Lagoon, Sri Lanka. <b>2021</b> , 8,	0
60	Comparing Default Movement Algorithms for Individual Fish Avoidance of Hypoxia in the Gulf of Mexico. <b>2017</b> , 239-278	2
59	Metabolic roles of uncultivated bacterioplankton lineages in the northern Gulf of Mexico Dead Zone	2
58	Forest Conversion to Agriculture. <b>2007</b> , 171-214	1
57	Evaluating the Hypoxia Response of Ruffe and Flounder Gills by a Combined Proteome and Transcriptome Approach. <b>2015</b> , 10, e0135911	12
56	Collateral geochemical impacts of agricultural nitrogen enrichment from 1963 to 1985: a southern Wisconsin ground water depth profile. <i>Journal of Environmental Quality</i> , <b>2008</b> , 37, 1456-67	3-4 6

55	Dissimilatory nitrate reduction pathways in an oligotrophic freshwater ecosystem: spatial and temporal trends. <b>2011</b> , 65, 55-64	19
54	Impacts of long-term fertilization on salt marsh tidal creek benthic nutrient and N <sub>2</sub> gas fluxes. <b>2012</b> , 471, 11-22	23
53	Effects of seasonal hypoxia on macrobenthic production and function in the Rappahannock River, Virginia, USA. <b>2013</b> , 490, 53-68	11
52	Long-term progression and drivers of coastal zoobenthos in a changing system. <b>2015</b> , 528, 141-159	19
51	Proportions of demersal fish exposed to sublethal hypoxia revealed by otolith chemistry. <b>2018</b> , 589, 193-208	16
50	Movement patterns of red snapper <i>Lutjanus campechanus</i> based on acoustic telemetry around oil and gas platforms in the northern Gulf of Mexico. <b>2020</b> , 649, 155-173	5
49	Land Use Changes Do Not Rapidly Change the Trophic State of a Deep Lake. Amvrakia Lake, Greece. <b>2013</b> , 04, 426-434	6
48	The role of sediment-induced light attenuation on primary production during Hurricane Gustav (2008). <b>2020</b> , 17, 5043-5055	3
47	Natural and human-induced hypoxia and consequences for coastal areas: synthesis and future development.	6
46	Quantification of Anoxia and Hypoxia in Water Bodies. 64	
45	Nitrogen-Uptake Effects on Nitrogen Loss in Tile Drainage as Estimated by RZWQM. <b>2008</b> , 259-275	
44	Challenges and Benefits of Developing Multifunctional Agroecosystems. <b>2009</b> , 213-233	1
43	Northern Midwest (U.S.) Farmers' Views of the Conversion Process. <b>2009</b> ,	
42	Potential Effects of Climate Changes on the Marine Ecosystem Stability. <b>2013</b> , 1-42	
41	Riparian Zones: Groundwater Nitrate (NO <sub>3</sub> <sup>-</sup> ) Cycling. 831-835	
40	Extent of the annual Gulf of Mexico hypoxic zone influences microbial community structure.	
39	High-Frequency Data for Temperature and Oxygen Reveal the Potential for Stressful Conditions for Fish in a Southern New England Impoundment. <b>2020</b> , 27, 520	
38	Microbial Ecology of Oxygen Minimum Zones Amidst Ocean Deoxygenation. <b>2021</b> , 12, 748961	3



37	Exploring river nitrogen and phosphorus loading and export to global coastal waters in the Shared Socio-economic pathways. <b>2022</b> , 72, 102426	3
36	Comprehensive impacts of diversified cropping on soil health and sustainability. 1-33	1
35	Using Timescales of Deficit and Residence to Evaluate Near-Bottom Dissolved Oxygen Variation in Coastal Seas. <b>2022</b> , 127,	0
34	Field scale discharge and water quality response, to drainage water management. <b>2022</b> , 264, 107421	0
33	Molybdenum accumulation in sediments: a quantitative indicator of hypoxic water conditions in Narragansett Bay, RI.. <b>2022</b> , 267, 1-10	0
32	Coastal eutrophication in Brazil: The role of nutrient excess on coral reef demise, with special reference to Bahian reefs.	
31	Higher Levels of Soluble Reactive Phosphorus Promote Labile Organic Nitrogen Cycling in Subsurface Coastal Waters. <b>2022</b> , 127,	2
30	Nitrogen Estimation for Wheat Using UAV-Based and Satellite Multispectral Imagery, Topographic Metrics, Leaf Area Index, Plant Height, Soil Moisture, and Machine Learning Methods. <b>2022</b> , 3, 1-25	0
29	Data_Sheet_1.pdf. <b>2018</b> ,	
28	Data_Sheet_1.PDF. <b>2019</b> ,	
27	Data_Sheet_2.PDF. <b>2019</b> ,	
26	Data_Sheet_3.pdf. <b>2019</b> ,	
25	Image_1.TIFF. <b>2019</b> ,	
24	Image_2.TIF. <b>2019</b> ,	
23	Image_3.TIF. <b>2019</b> ,	
22	Image_4.tif. <b>2019</b> ,	
21	Image_5.JPEG. <b>2019</b> ,	
20	Image_6.JPEG. <b>2019</b> ,	

- 19 Image\_7.JPEG. **2019**,
- 18 Image\_8.TIFF. **2019**,
- 17 Table\_1.xlsx. **2019**,
- 16 Surface Water Quality Assessment: A Case Study of Merbok River, Kuala Muda, Kedah. **2022**, 611-622
- 15 Pollutant Trading with Transport Time Lags. **2022**, 82, 355 ○
- 14 Reuniting the Three Sisters: collaborative science with Native growers to improve soil and community health.
- 13 Modeling the impact of winter cover crop on tile drainage and nitrate loss using DSSAT model. **2022**, 272, 107862 ○
- 12 DISTRIBUTION OF BENTHIC FORAMINIFERA IN THE CORAL REEFS ECOSYSTEM OF PULAU BIDONG, TERENGGANU, SOUTHERN SOUTH CHINA SEA. **2022**, 4, 51-62 ○
- 11 Ocean Acidification in the Gulf of Mexico: Drivers, Impacts, and Unknowns. **2022**, 102882 ○
- 10 Metabolic alkalinity release from large port facilities (Hamburg, Germany) and impact on coastal carbon storage. **2022**, 19, 5151-5165 ○
- 9 Assessment of surface water quality during different tides and an anthropogenic impact on coastal water at Gulf of Kachchh, West Coast of India. ○
- 8 Diversifying and perennializing plants in agroecosystems alters retention of new C and N from crop residues. ○
- 7 A gulf-wide synoptic isoscape of zooplankton isotope ratios reveals the importance of nitrogen fixation in supporting secondary production in the central Gulf of Mexico. 9, ○
- 6 Evaluation of long-term impact of cereal rye as a winter cover crop in Illinois. **2023**, 877, 162956 ○
- 5 An Approach for Prioritizing Natural Infrastructure Practices to Mitigate Flood and Nitrate Risks in the Mississippi-Atchafalaya River Basin. **2023**, 12, 276 3
- 4 Transport of nutrients into the southern Gulf of Mexico by the Grijalva-Usumacinta rivers. **2023**, 37, ○
- 3 Cover crop effects on infiltration, aggregate stability, and water retention in the Lower Mississippi River Valley. **2023**, 6, ○
- 2 A Random Forest in the Great Lakes: Stream Nutrient Concentrations Across the Transboundary Great Lakes Basin. **2023**, 11, ○

1 Sustainability of cover cropping practice with changing climate in Illinois. **2023**, 339, 117946

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