

Carbon Stocks of Tropical Coastal Wetlands within the Caribbean

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mangrove biomass estimation in Southwest Thailand using machine learning. <i>Applied Geography</i> , 2013, 45, 311-321.	1.7	103
2	Climate change mitigation strategies should include tropical wetlands. <i>Carbon Management</i> , 2013, 4, 491-499.	1.2	25
3	Editorial: Shining a light on Madagascar's mangroves. <i>Madagascar Conservation and Development</i> , 2013, 8, .	0.1	0
4	Ecological Variability and Carbon Stock Estimates of Mangrove Ecosystems in Northwestern Madagascar. <i>Forests</i> , 2014, 5, 177-205.	0.9	97
5	Biomass and Carbon Stocks of Sofala Bay Mangrove Forests. <i>Forests</i> , 2014, 5, 1967-1981.	0.9	94
6	Assessment of Mangrove Carbon Stocks in Cameroon, Gabon, the Republic of Congo (RoC) and the Democratic Republic of Congo (DRC) Including their Potential for Reducing Emissions from Deforestation and Forest Degradation (REDD+). <i>Estuaries of the World</i> , 2014, , 177-189.	0.1	11
7	Comparing soil carbon sequestration in coastal freshwater wetlands with various geomorphic features and plant communities in Veracruz, Mexico. <i>Plant and Soil</i> , 2014, 378, 189-203.	1.8	55
8	Root Biomass and Production of Mangroves Surrounding a Karstic Oligotrophic Coastal Lagoon. <i>Wetlands</i> , 2014, 34, 479-488.	0.7	60
9	Carbon Cycling and Storage in Mangrove Forests. <i>Annual Review of Marine Science</i> , 2014, 6, 195-219.	5.1	972
10	Carbon stocks of intact mangroves and carbon emissions arising from their conversion in the Dominican Republic. <i>Ecological Applications</i> , 2014, 24, 518-527.	1.8	194
11	Temporal variability of carbon and nutrient burial, sediment accretion, and mass accumulation over the past century in a carbonate platform mangrove forest of the Florida Everglades. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 2032-2048.	1.3	84
12	Estuarine canal estate waters: Hotspots of CO ₂ outgassing driven by enhanced groundwater discharge?. <i>Marine Chemistry</i> , 2014, 167, 82-92.	0.9	50
13	Contemporary Rates of Carbon Sequestration Through Vertical Accretion of Sediments in Mangrove Forests and Saltmarshes of South East Queensland, Australia. <i>Estuaries and Coasts</i> , 2014, 37, 763-771.	1.0	108
14	Carbon storage of a tropical mangrove forest in Mui Ca Mau National Park, Vietnam. <i>Catena</i> , 2014, 121, 119-126.	2.2	86
15	Soil carbon stocks in wetlands of New Zealand and impact of land conversion since European settlement. <i>Wetlands Ecology and Management</i> , 2015, 23, 947-961.	0.7	25
16	Ecosystem carbon stocks across a tropical intertidal habitat mosaic of mangrove forest, seagrass meadow, mudflat and sandbar. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1387-1400.	1.2	109
17	Spatiotemporal Variation in Mangrove Chlorophyll Concentration Using Landsat 8. <i>Remote Sensing</i> , 2015, 7, 14530-14558.	1.8	57
18	Carbon stocks and soil sequestration rates of tropical riverine wetlands. <i>Biogeosciences</i> , 2015, 12, 3805-3818.	1.3	98

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19	Carbon Budgets for Caribbean Mangrove Forests of Varying Structure and with Phosphorus Enrichment. <i>Forests</i> , 2015, 6, 3528-3546.	0.9	26
20	The Dynamics, Ecological Variability and Estimated Carbon Stocks of Mangroves in Mahajamba Bay, Madagascar. <i>Journal of Marine Science and Engineering</i> , 2015, 3, 793-820.	1.2	22
21	Patrones de urbanización en la biodiversidad de humedales urbanos en Concepción metropolitana. <i>Revista De Geografía Norte Grande</i> , 2015, , 181-204.	0.1	16
22	Tradeoffs between reducing flood risks and storing carbon stocks in mangroves. <i>Ocean and Coastal Management</i> , 2015, 105, 116-126.	2.0	16
23	Connecting Groundwater and Surface Water Sources in Groundwater Dependent Coastal Wetlands and Estuaries: Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico. <i>Estuaries and Coasts</i> , 2015, 38, 1744-1763.	1.0	26
24	The potential of Indonesian mangrove forests for global climate change mitigation. <i>Nature Climate Change</i> , 2015, 5, 1089-1092.	8.1	495
25	Trade-offs in fishery yield between wetland conservation and land conversion on the Gulf of Mexico. <i>Ocean and Coastal Management</i> , 2015, 114, 194-203.	2.0	14
26	TanDEM-X Pol-InSAR Inversion for Mangrove Canopy Height Estimation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 3608-3618.	2.3	53
27	Carbon stocks of mangroves within the Zambezi River Delta, Mozambique. <i>Forest Ecology and Management</i> , 2015, 354, 139-148.	1.4	89
28	Carbon stock in the Sundarbans mangrove forest: spatial variations in vegetation types and salinity zones. <i>Wetlands Ecology and Management</i> , 2015, 23, 269-283.	0.7	136
29	Selecting cost-effective areas for restoration of ecosystem services. <i>Conservation Biology</i> , 2015, 29, 493-502.	2.4	100
30	Can mud (silt and clay) concentration be used to predict soil organic carbon content within seagrass ecosystems?. <i>Biogeosciences</i> , 2016, 13, 4915-4926.	1.3	92
31	Key biogeochemical factors affecting soil carbon storage in <i>Posidonia</i> meadows. <i>Biogeosciences</i> , 2016, 13, 4581-4594.	1.3	74
32	Effects of vegetations degradation on carbon stock, morphological, physical and chemical characteristics of soils within the mangrove forest of the Rio del Rey Estuary: Case study Bamusso (South-West Cameroon). <i>African Journal of Environmental Science and Technology</i> , 2016, 10, 58-66.	0.2	7
33	Madagascar's Mangroves: Quantifying Nation-Wide and Ecosystem Specific Dynamics, and Detailed Contemporary Mapping of Distinct Ecosystems. <i>Remote Sensing</i> , 2016, 8, 106.	1.8	52
34	Impacts of land use on Indian mangrove forest carbon stocks: Implications for conservation and management. <i>Ecological Applications</i> , 2016, 26, 1396-1408.	1.8	51
35	Scaling mangrove aboveground biomass from site-level to continental-scale. <i>Global Ecology and Biogeography</i> , 2016, 25, 286-298.	2.7	73
36	Carbon storage in a restored mangrove forest in Can Gio Mangrove Forest Park, Mekong Delta, Vietnam. <i>Forest Ecology and Management</i> , 2016, 380, 31-40.	1.4	51

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37	Blue Carbon Stock of the Bangladesh Sundarban Mangroves: What could Be the Scenario after a Century?. <i>Wetlands</i> , 2016, 36, 1033-1045.	0.7	22
38	Are global mangrove carbon stocks driven by rainfall?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2600-2609.	1.3	150
39	The role of economic, policy, and ecological factors in estimating the value of carbon stocks in Everglades mangrove forests, South Florida, USA. <i>Environmental Science and Policy</i> , 2016, 66, 160-169.	2.4	72
40	Mangrove Payments for Ecosystem Services (PES): A Viable Funding Mechanism for Disaster Risk Reduction?. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 75-98.	1.1	0
41	Soil organic carbon of mangrove forests (<i>Rhizophora</i> and <i>Avicennia</i>) of the Venezuelan Caribbean coast. <i>Organic Geochemistry</i> , 2016, 100, 51-61.	0.9	26
42	The Mangroves of Ambanja and Ambaro Bays, Northwest Madagascar: Historical Dynamics, Current Status and Deforestation Mitigation Strategy. <i>Estuaries of the World</i> , 2016, , 67-85.	0.1	8
43	Ecosystem carbon stocks of mangrove forests along the Pacific and Caribbean coasts of Honduras. <i>Wetlands Ecology and Management</i> , 2016, 24, 187-201.	0.7	62
44	Soil properties of mangroves in contrasting geomorphic settings within the Zambezi River Delta, Mozambique. <i>Wetlands Ecology and Management</i> , 2016, 24, 139-152.	0.7	24
45	Effects of nesting waterbirds on nutrient levels in mangroves, Gulf of Fonseca, Honduras. <i>Wetlands Ecology and Management</i> , 2016, 24, 217-229.	0.7	21
46	Carbon stocks in artificially and naturally regenerated mangrove ecosystems in the Mekong Delta. <i>Wetlands Ecology and Management</i> , 2016, 24, 231-244.	0.7	82
47	Carbon stocks of mangroves and losses arising from their conversion to cattle pastures in the Pantanos de Centla, Mexico. <i>Wetlands Ecology and Management</i> , 2016, 24, 203-216.	0.7	82
48	Limits on carbon sequestration in arid blue carbon ecosystems. <i>Ecological Applications</i> , 2017, 27, 859-874.	1.8	147
49	Soil C quantities of mangrove forests, their competing land uses, and their spatial distribution in the coast of Honda Bay, Philippines. <i>Geoderma</i> , 2017, 293, 82-90.	2.3	29
50	Dynamics of sediment carbon stocks across intertidal wetland habitats of Moreton Bay, Australia. <i>Global Change Biology</i> , 2017, 23, 4222-4234.	4.2	67
51	Partitioning the relative contributions of organic matter and mineral sediment to accretion rates in carbonate platform mangrove soils. <i>Marine Geology</i> , 2017, 390, 170-180.	0.9	46
52	Carbon Storages along a Climate Induced Coastal Wetland Gradient. <i>Wetlands</i> , 2017, 37, 1023-1035.	0.7	43
53	Mangrove root biomass and the uncertainty of belowground carbon estimations. <i>Forest Ecology and Management</i> , 2017, 403, 52-60.	1.4	76
54	Soil greenhouse gas fluxes in tropical mangrove forests and in land uses on deforested mangrove lands. <i>Catena</i> , 2017, 159, 60-69.	2.2	35

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55	Global patterns in mangrove soil carbon stocks and losses. <i>Nature Climate Change</i> , 2017, 7, 523-528.	8.1	412
56	Mangrove and Freshwater Wetland Conservation Through Carbon Offsets: A Cost-Benefit Analysis for Establishing Environmental Policies. <i>Environmental Management</i> , 2017, 59, 274-290.	1.2	7
57	Evaluating, predicting and mapping belowground carbon stores in Kenyan mangroves. <i>Global Change Biology</i> , 2017, 23, 224-234.	4.2	30
58	Structural equation modelling reveals factors regulating surface sediment organic carbon content and CO ₂ efflux in a subtropical mangrove. <i>Science of the Total Environment</i> , 2017, 578, 513-522.	3.9	42
59	Ecosystem carbon stocks of mangroves across broad environmental gradients in West-Central Africa: Global and regional comparisons. <i>PLoS ONE</i> , 2017, 12, e0187749.	1.1	78
60	The Role of the Upper Tidal Estuary in Wetland Blue Carbon Storage and Flux. <i>Global Biogeochemical Cycles</i> , 2018, 32, 817-839.	1.9	91
61	Differential in surface elevation change across mangrove forests in the intertidal zone. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 203-208.	0.9	12
62	Soil-Aggregate-Associated Organic Carbon Along Vegetation Zones in Tidal Salt Marshes in the Liaohe Delta. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1800049.	0.7	5
63	Carbon stocks in aboveground biomass for Colombian mangroves with associated uncertainties. <i>Regional Studies in Marine Science</i> , 2018, 18, 145-155.	0.4	7
64	The undervalued contribution of mangrove protection in Mexico to carbon emission targets. <i>Conservation Letters</i> , 2018, 11, e12445.	2.8	50
65	Coastal Blue Carbon Assessment of Mangroves, Salt Marshes, and Salt Barrens in Tampa Bay, Florida, USA. <i>Estuaries and Coasts</i> , 2018, 41, 1496-1510.	1.0	52
66	Mangrove carbon assessment tool: Model validation and assessment of mangroves in southern USA and Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 107-117.	0.9	10
67	Greenhouse gases and submarine groundwater discharge in a Sydney Harbour embayment (Australia). <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 499-509.	0.9	24
68	Soil carbon storage in mangroves is primarily controlled by soil properties: A study at Dongzhai Bay, China. <i>Science of the Total Environment</i> , 2018, 619-620, 1226-1235.	3.9	44
69	Avoided emissions and conservation of scrub mangroves: potential for a Blue Carbon project in the Gulf of California, Mexico. <i>Biology Letters</i> , 2018, 14, 20180400.	1.0	21
70	C Stock of Top Soil and It Spatial Distribution in Mangrove Community of Trimulyo, Semarang City. <i>E3S Web of Conferences</i> , 2018, 73, 03006.	0.2	2
71	Ecosystem carbon stock of a tropical mangrove forest in North Sulawesi, Indonesia. <i>Acta Oceanologica Sinica</i> , 2018, 37, 85-91.	0.4	12
72	Soil Organic Carbon Depletion from Forests to Grasslands Conversion in Mexico: A Review. <i>Agriculture (Switzerland)</i> , 2018, 8, 181.	1.4	15

#	ARTICLE	IF	CITATIONS
73	Short-distance barriers affect genetic variability of <i>Rhizophora mangle</i> L. in the Yucatan Peninsula. <i>Ecology and Evolution</i> , 2018, 8, 11083-11099.	0.8	12
74	Mangrove forests in a rapidly changing world: Global change impacts and conservation opportunities along the Gulf of Mexico coast. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 214, 120-140.	0.9	83
75	Identifying effects of land use cover changes and climate change on terrestrial ecosystems and carbon stocks in Mexico. <i>Global Environmental Change</i> , 2018, 53, 12-23.	3.6	106
76	Allometric relationships of stem volume and stand level carbon stocks at varying stand density in <i>Swietenia macrophylla</i> King plantations, Bangladesh. <i>Forest Ecology and Management</i> , 2018, 430, 639-648.	1.4	19
77	Carbon stocks of mangroves and salt marshes of the Amazon region, Brazil. <i>Biology Letters</i> , 2018, 14, 20180208.	1.0	62
78	Tree biomass quantity, carbon stock and canopy correlates in mangrove forest and land uses that replaced mangroves in Honda Bay, Philippines. <i>Regional Studies in Marine Science</i> , 2018, 24, 174-183.	0.4	11
79	Factors regulating carbon sinks in mangrove ecosystems. <i>Global Change Biology</i> , 2018, 24, 4195-4210.	4.2	54
80	Ghost forests of Marco Island: Mangrove mortality driven by belowground soil structural shifts during tidal hydrologic alteration. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 51-62.	0.9	36
81	Mangrove Forests. <i>SpringerBriefs in Climate Studies</i> , 2018, , 23-36.	0.2	13
82	Coastal morphology explains global blue carbon distributions. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 503-508.	1.9	116
83	Mangrove sediment carbon stocks along an elevation gradient: Influence of the late Holocene marine regression (New Caledonia). <i>Marine Geology</i> , 2018, 404, 60-70.	0.9	18
84	Shrimp ponds lead to massive loss of soil carbon and greenhouse gas emissions in northeastern Brazilian mangroves. <i>Ecology and Evolution</i> , 2018, 8, 5530-5540.	0.8	92
85	The importance of geomorphic context for estimating the carbon stock of salt marshes. <i>Geoderma</i> , 2018, 330, 264-275.	2.3	28
86	Organic carbon sequestration and storage in vegetated coastal habitats along the western coast of the Arabian Gulf. <i>Environmental Research Letters</i> , 2018, 13, 074007.	2.2	48
87	Mapping mangrove forest cover using Landsat-8 imagery, Sentinel-2, Very High Resolution Images and Google Earth Engine algorithm for entire Cambodia. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 266, 012010.	0.2	14
88	Carbon stocks in mangrove forests of the Colombian Pacific. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106299.	0.9	20
89	The future of Blue Carbon science. <i>Nature Communications</i> , 2019, 10, 3998.	5.8	406
90	Ecosystem carbon storage affected by intertidal locations and climatic factors in three estuarine mangrove forests of South China. <i>Regional Environmental Change</i> , 2019, 19, 1701-1712.	1.4	25

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91	Greenness trends and carbon stocks of mangroves across Mexico. <i>Environmental Research Letters</i> , 2019, 14, 075010.	2.2	23
92	Carbon sequestration and fluxes of restored mangroves in abandoned aquaculture ponds. <i>Journal of the Indian Ocean Region</i> , 2019, 15, 177-192.	0.2	35
93	Identifying Mangrove Deforestation Hotspots in South Asia, Southeast Asia and Asia-Pacific. <i>Remote Sensing</i> , 2019, 11, 728.	1.8	54
94	Mangrove wetland productivity and carbon stocks in an arid zone of the Gulf of California (La Paz) Tj ETQq1 1 0.784314 rgBT/Overlook	1.4	40
95	Carbon sequestration capacity of mangrove soils in micro tidal estuaries and lagoons: A case study from Sri Lanka. <i>Geoderma</i> , 2019, 347, 80-89.	2.3	38
96	Storage of blue carbon in isolated mangrove forests of the Galapagos™ rocky coast. <i>Wetlands Ecology and Management</i> , 2019, 27, 455-463.	0.7	5
97	Mangroves in the Galapagos: Ecosystem services and their valuation. <i>Ecological Economics</i> , 2019, 160, 12-24.	2.9	29
98	Mangrove Crown Diameter Measurement from Airborne Lidar Data using Marker-controlled Watershed Algorithm: Exploring Performance. , 2019, , .		4
99	Improved Mangrove Crown Measurement from Airborne Lidar Data using Marker-controlled Watershed Algorithm-filtered Hamraz Technique. , 2019, , .		3
100	People and Blue Carbon: Conservation and Settlements in the Mangrove Forests of Mexico. <i>Human Ecology</i> , 2019, 47, 877-892.	0.7	7
101	Carbon dynamics and land use carbon footprints in mangrove-converted aquaculture: The case of the Mahakam Delta, Indonesia. <i>Forest Ecology and Management</i> , 2019, 432, 17-29.	1.4	76
102	Variability in the organic carbon stocks, sources, and accumulation rates of Indonesian mangrove ecosystems. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 310-323.	0.9	111
103	Assessing and modeling the impact of land use and changes in land cover related to carbon storage in a western basin in Mexico. <i>Remote Sensing Applications: Society and Environment</i> , 2019, 13, 318-327.	0.8	17
104	Carbon Storage in Secondary Mangroves along the West Coastline of Maputo City, Mozambique. <i>Wetlands</i> , 2019, 39, 239-249.	0.7	4
105	Gulf of Mexico estuarine blue carbon stock, extent and flux: Mangroves, marshes, and seagrasses: A North American hotspot. <i>Science of the Total Environment</i> , 2019, 653, 1253-1261.	3.9	42
106	Conservation of Blue Carbon Ecosystems for Climate Change Mitigation and Adaptation. , 2019, , 965-996.		27
107	Soil Organic Carbon Stocks across Hydrologic Schemes in Freshwater Wetlands of the Chi River Basin, Northeast Thailand. <i>Wetlands</i> , 2020, 40, 377-389.	0.7	6
108	Evaluation of the carbon sequestration capacity of arid mangroves along nutrient availability and salinity gradients along the Red Sea coastline of Saudi Arabia. <i>Oceanologia</i> , 2020, 62, 56-69.	1.1	34

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109	Mangroves: Unique Sinks of Carbon and Nitrogen. , 2020, , 189-240.		0
110	Carbon and Nitrogen Sequestration of Melaleuca Floodplain Wetlands in Tropical Australia. Ecosystems, 2020, 23, 454-466.	1.6	26
111	Temperate coastal wetland near-surface carbon storage: Spatial patterns and variability. Estuarine, Coastal and Shelf Science, 2020, 235, 106584.	0.9	21
112	The impacts of degradation, deforestation and restoration on mangrove ecosystem carbon stocks across Cambodia. Science of the Total Environment, 2020, 706, 135416.	3.9	64
113	Carbon storage potential of mangrove forests from Northeastern Vietnam. Regional Studies in Marine Science, 2020, 40, 101516.	0.4	3
114	Distribution of organic carbon storage in different salt-marsh plant communities: A case study at the Yangtze Estuary. Estuarine, Coastal and Shelf Science, 2020, 243, 106900.	0.9	17
115	Plant community composition patterns in relation to microtopography and distance to water bodies in a tropical forested wetland. Aquatic Botany, 2020, 167, 103295.	0.8	6
116	Total ecosystem carbon stocks at the marine-terrestrial interface: Blue carbon of the Pacific Northwest Coast, United States. Global Change Biology, 2020, 26, 5679-5692.	4.2	35
117	Carbon Fluxes and Stocks by Mexican Tropical Forested Wetland Soils: A Critical Review of Its Role for Climate Change Mitigation. International Journal of Environmental Research and Public Health, 2020, 17, 7372.	1.2	2
118	Carbon Sources Supporting Macro-Invertebrate Communities in Restored Mangrove Forests from Hau Loc, Thanh Hoa, Vietnam. Journal of Marine Science and Engineering, 2020, 8, 651.	1.2	2
119	The effects of seaward distance on above and below ground carbon stocks in estuarine mangrove ecosystems. Carbon Balance and Management, 2020, 15, 27.	1.4	12
120	Structural Impacts, Carbon Losses, and Regeneration in Mangrove Wetlands after Two Hurricanes on St. John, U.S. Virgin Islands. Wetlands, 2020, 40, 2397-2412.	0.7	7
121	Mapping the Global Mangrove Forest Aboveground Biomass Using Multisource Remote Sensing Data. Remote Sensing, 2020, 12, 1690.	1.8	48
122	Carbon stocks and greenhouse gas emissions (CH ₄ and N ₂ O) in mangroves with different vegetation assemblies in the central coastal plain of Veracruz Mexico. Science of the Total Environment, 2020, 741, 140276.	3.9	21
123	Allometric relationships of stand level carbon stocks to basal area, tree height and wood density of nine tree species in Bangladesh. Global Ecology and Conservation, 2020, 22, e01025.	1.0	22
124	Mangrove blue carbon stocks and dynamics are controlled by hydrogeomorphic settings and land-use change. Global Change Biology, 2020, 26, 3028-3039.	4.2	80
125	Temporal trends of organic carbon accumulation in seagrass meadows from the northern Mexican Caribbean. Catena, 2020, 194, 104645.	2.2	11
126	Evaluation of carbon stock in the sediment of two mangrove species, Avicennia marina and Rhizophora mucronata, growing in the Farasan Islands, Saudi Arabia. Oceanologia, 2020, 62, 200-213.	1.1	26

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127	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. <i>Ecological Monographs</i> , 2020, 90, e01405.	2.4	139
128	Improved estimates on global carbon stock and carbon pools in tidal wetlands. <i>Nature Communications</i> , 2020, 11, 317.	5.8	122
129	Carbon Storage Increases with Site Age as Created Salt Marshes Transition to Mangrove Forests in Tampa Bay, Florida (USA). <i>Estuaries and Coasts</i> , 2020, 43, 1470-1488.	1.0	19
130	Carbon stock losses and recovery observed for a mangrove ecosystem following a major hurricane in Southwest Florida. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 248, 106750.	0.9	15
131	Massive loss of aboveground biomass and its effect on sediment organic carbon concentration: Less mangrove, more carbon?. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 248, 106888.	0.9	5
132	Impacts of wetland dieback on carbon dynamics: A comparison between intact and degraded mangroves. <i>Science of the Total Environment</i> , 2021, 753, 141817.	3.9	19
134	Blue carbon storage comparing mangroves with saltmarsh and seagrass habitats at a warm temperate continental limit. , 2021, , 447-471.		3
135	Gaps, challenges, and opportunities in mangrove blue carbon research: a biogeographic perspective. , 2021, , 295-334.		2
136	Macroecological patterns of forest structure and allometric scaling in mangrove forests. <i>Global Ecology and Biogeography</i> , 2021, 30, 1000-1013.	2.7	32
137	Estimation of Soil Carbon Stocks of Urban Freshwater Wetlands in the Colombo Ramsar Wetland City and their Potential Role in Climate Change Mitigation. <i>Wetlands</i> , 2021, 41, 1.	0.7	15
138	Future carbon emissions from global mangrove forest loss. <i>Global Change Biology</i> , 2021, 27, 2856-2866.	4.2	93
139	Carbon stocks of homestead forests have a mitigation potential to climate change in Bangladesh. <i>Scientific Reports</i> , 2021, 11, 9254.	1.6	6
140	20-Years Cumulative Impact From Shrimp Farming on Mangroves of Northeast Brazil. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	41
141	Effects of tree species diversity and stand structure on carbon stocks of homestead forests in Maheshkhali Island, Southern Bangladesh. <i>Carbon Balance and Management</i> , 2021, 16, 11.	1.4	14
142	Climate and intertidal zonation drive variability in the carbon stocks of Sri Lankan mangrove forests. <i>Geoderma</i> , 2021, 389, 114929.	2.3	16
143	Mangrove sinkholes (<i>cenotes</i>) of the Yucatan Peninsula, a global hotspot of carbon sequestration. <i>Biology Letters</i> , 2021, 17, 20210037.	1.0	15
144	Effect of Restoration Actions on Organic Carbon Pools in the Lagoon of Delta Ciénaga Grande de Santa Marta, Colombian Caribbean. <i>Water (Switzerland)</i> , 2021, 13, 1297.	1.2	1
145	Community structure and ecosystem carbon stock dynamics along a chronosequence of mangrove plantations in China. <i>Plant and Soil</i> , 2021, 464, 605-620.	1.8	9

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146	Impact of Shrimp Ponds on Mangrove Blue Carbon Stocks in Ecuador. <i>Forests</i> , 2021, 12, 816.	0.9	4
147	Meaningful collaborations can end "helicopter research". <i>Nature</i> , 2021, , .	13.7	32
148	Mapping of biodiversity hubs and key ecosystem services as a tool for shaping optimal areas for conservation. <i>PLoS ONE</i> , 2021, 16, e0253151.	1.1	3
149	Mangrove carbon stocks in Pongara National Park, Gabon. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 259, 107432.	0.9	19
150	Fine-scale spatial variability in organic carbon in a temperate mangrove forest: Implications for estimating carbon stocks in blue carbon ecosystems. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 259, 107469.	0.9	7
151	Resource stoichiometry, vegetation type and enzymatic activity control wetlands soil organic carbon in the Herbert River catchment, North-east Queensland. <i>Journal of Environmental Management</i> , 2021, 296, 113183.	3.8	9
152	Technological opportunities for measuring and monitoring blue carbon initiatives in mangrove ecosystems. <i>Remote Sensing Applications: Society and Environment</i> , 2021, 24, 100612.	0.8	3
153	Coastal wetland ecosystems deliver large carbon stocks in tropical Mexico. <i>Geoderma</i> , 2021, 403, 115173.	2.3	17
154	Estimation of Blue Carbon Stock of Mangrove Ecosystem and Its Dynamics in Relation to Hydrogeomorphic Settings and Land Use-land Cover. , 2021, , 177-199.		0
155	Environmental drivers of blue carbon burial and soil carbon stocks in mangrove forests. , 2021, , 275-294.		13
156	Flujos e inventarios de carbono azul en manglares asociados a una laguna costera antropizada. <i>Geofísica Internacional</i> , 2021, 60, 13-30.	0.2	0
157	Land use impacts on benthic bioturbation potential and carbon burial in Brazilian mangrove ecosystems. <i>Limnology and Oceanography</i> , 2020, 65, 2366-2376.	1.6	20
158	Carbon Budget as a Tool for Assessing Mangrove Forests Degradation in the Western, Coastal Wetlands Complex (Ramsar Site 1017) of Southern Benin, West Africa. <i>Estuaries of the World</i> , 2014, , 139-149.	0.1	4
159	Protected Areas for Climate Change Mitigation and Livelihood Option: A Case Study of the Bangladesh Sundarbans Mangrove Forest. <i>Disaster Risk Reduction</i> , 2017, , 119-136.	0.2	3
161	Ecuaciones alométricas de biomasa aérea para la estimación de los contenidos de carbono en manglares del Caribe Colombiano. <i>Revista De Biología Tropical</i> , 2016, 64, 897.	0.1	11
163	Reservorios de biomasa aérea y de carbono en los manglares del golfo de Urabá (Caribe colombiano). <i>Actualidades Biológicas</i> , 2015, 37, .	0.1	6
164	Humedales en dolina del norte de Quintana Roo, México: ecosistemas poco conocidos. <i>Ecosistemas Y Recursos Agropecuarios</i> , 2019, 6, 207-218.	0.0	5
165	Almacenes y flujos de carbono en humedales de agua dulce en México. <i>Madera Bosques</i> , 0, 24, .	0.1	2

#	ARTICLE	IF	CITATIONS
166	Estructura del manglar y su influencia en el almacén de carbono en la Reserva La Encrucijada, Chiapas, México. Madera Bosques, 2019, 25, .	0.1	5
167	Nutrient subsidies delivered by seabirds to mangrove islands. Marine Ecology - Progress Series, 2015, 525, 15-24.	0.9	33
170	Blue carbon of Mexico, carbon stocks and fluxes: a systematic review. PeerJ, 2020, 8, e8790.	0.9	30
172	Almacenamiento de carbono en el suelo del Bosque Natural Cayo Quemado. Livingston, Izabal, Guatemala. Revista Naturaleza Sociedad Y Ambiente, 2017, 4, 19-31.	0.0	0
173	EVALUATION OF MANGROVE AND ITS ROLE IN THE ECONOMY AND STRATEGY TO CLIMATE CHANGE: CASE STUDY OF CUIARANA, PARÁ, IN THE BRAZILIAN AMAZON. Revista Arvore, 2019, 43, .	0.5	0
174	Análisis comparativo de camas de combustibles forestales en un ecosistema de manglar. Madera Bosques, 2020, 26, .	0.1	1
175	Almacenes de carbono en un paisaje de humedal cárstico a lo largo de un corredor transversal costero de la Península de Yucatán. Madera Bosques, 2021, 27, .	0.1	2
176	Ecosystem Organic Carbon Stock Estimations in the Sile River, North Eastern Italy. Water (Switzerland), 2021, 13, 80.	1.2	1
177	Mangrove ecosystems under threat in Indonesia. , 2022, , 251-284.		2
180	Assessing the Effect of Age and Geomorphic Setting on Organic Carbon Accumulation in High-Latitude Human-Planted Mangroves. Forests, 2022, 13, 105.	0.9	6
181	Network analysis of blue carbon governance process in Indonesia. Marine Policy, 2022, 137, 104955.	1.5	8
182	Monitoring the Sediment Surface Elevation Change across a Chronosequence of Restored Stands of Tropical Mangroves and Their Contemporary Carbon Sequestration in Soil Pool. Forests, 2022, 13, 241.	0.9	3
183	Factors Affecting Wetland Loss: A Review. Land, 2022, 11, 434.	1.2	32
184	Carbon stock in three mangrove forests in north Persian Gulf. Environmental Earth Sciences, 2022, 81, 1.	1.3	3
185	Decomposition of vascular plants and carbon mineralization in coastal wetlands. , 2022, , 25-54.		0
186	Resource conservation and management. , 2022, , 1-118.		0
187	A map of global peatland extent created using machine learning (Peat-ML). Geoscientific Model Development, 2022, 15, 4709-4738.	1.3	19
188	Stand structure and carbon storage of a young mangrove plantation forest in coastal area of Bangladesh: The promise of a natural solution. Nature-based Solutions, 2022, 2, 100025.	1.6	6

#	ARTICLE	IF	CITATIONS
189	Baja California Sur mangrove deep peat microbial communities cycle nitrogen but do not affect old carbon pool. <i>Marine Ecology - Progress Series</i> , 2022, 695, 15-31.	0.9	3
190	Carbon Pool in Mexican Wetland Soils: Importance of the Environmental Service. <i>Life</i> , 2022, 12, 1032.	1.1	0
191	Mangrove distribution and afforestation potential in the Red Sea. <i>Science of the Total Environment</i> , 2022, 843, 157098.	3.9	8
192	Blue carbon and nutrient stocks in salt marsh and seagrass from an urban African estuary. <i>Science of the Total Environment</i> , 2022, 842, 156955.	3.9	8
193	Pore Water Chemical Variability and Its Effect on Phenological Production in Three Mangrove Species under Drought Conditions in Southeastern Mexico. <i>Diversity</i> , 2022, 14, 668.	0.7	5
194	Dominant species losing functions to salinity in the Sundarbans Mangrove Forest, Bangladesh. <i>Regional Studies in Marine Science</i> , 2022, 55, 102589.	0.4	1
195	Salinity reduces site quality and mangrove forest functions. From monitoring to understanding. <i>Science of the Total Environment</i> , 2022, 853, 158662.	3.9	16
196	Insights into coastal microbial antibiotic resistome through a meta-transcriptomic approach in Yucatan. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
197	A Random Forest Algorithm for Landsat Image Chromatic Aberration Restoration Based on GEE Cloud Platform—A Case Study of Yucatán Peninsula, Mexico. <i>Remote Sensing</i> , 2022, 14, 5154.	1.8	7
198	Spatial Variation of Soil Organic Carbon from Bamen Bay Mangrove in Southern China. <i>Water (Switzerland)</i> , 2022, 14, 3278.	1.2	1
199	Northeast Yucatan hurricane activity during the Maya Classic and Postclassic periods. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
200	Flooding of a carbonate platform: The Sian Ka'an Wetlands, Yucatán, Mexico—A model for the formation and evolution of palustrine carbonate factories around the modern Caribbean Sea and in the depositional record. <i>Depositional Record</i> , 2023, 9, 99-151.	0.8	6
201	Estimation of Mangrove Blue Carbon in Three Semi-arid Lagoons in the Gulf of California. <i>Wetlands</i> , 2023, 43, .	0.7	0
202	Belize Blue Carbon: Establishing a national carbon stock estimate for mangrove ecosystems. <i>Science of the Total Environment</i> , 2023, 870, 161829.	3.9	3
203	Carbon stocks and sequestration rate in mangroves and its major influencing factors from highly urbanised port city, southern India. <i>Journal of Environmental Management</i> , 2023, 335, 117542.	3.8	6
204	Changes in mangrove coverage classification criteria could impact the conservation of mangroves in Mexico. <i>Land Use Policy</i> , 2023, 129, 106651.	2.5	2
205	Evaluating the Losses and Recovery of GPP in the Subtropical Mangrove Forest Directly Attacked by Tropical Cyclone: Case Study in Hainan Island. <i>Remote Sensing</i> , 2023, 15, 2094.	1.8	1
206	How biotic, abiotic, and functional variables drive belowground soil carbon stocks along stress gradient in the Sundarbans Mangrove Forest?. <i>Journal of Environmental Management</i> , 2023, 337, 117772.	3.8	5

#	ARTICLE	IF	CITATIONS
207	Is the Mangrove Restoration and Rehabilitation Program Successful in Riau Province, Indonesia?. , 2022, , .		0