Scaling mangrove aboveground biomass from siteâ€lev

Global Ecology and Biogeography
25, 286-298
DOI: 10.1111/geb.12409

Citation Report

#	Article	IF	Citations
1	Is mangrove planting insufficient for benthic macrofaunal recovery when environmental stress is persistent?. Ecological Engineering, 2016, 95, 290-301.	3.6	18
2	Spatial database modeling for mangrove forests mapping; example of two estuarine systems in Brazil. Modeling Earth Systems and Environment, 2016, 2, 1.	3.4	7
3	Are global mangrove carbon stocks driven by rainfall?. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 2600-2609.	3.0	150
4	The role of economic, policy, and ecological factors in estimating the value of carbon stocks in Everglades mangrove forests, South Florida, USA. Environmental Science and Policy, 2016, 66, 160-169.	4.9	72
5	Climatic controls on the global distribution, abundance, and species richness of mangrove forests. Ecological Monographs, 2017, 87, 341-359.	5.4	228
6	Linear and nonlinear effects of temperature and precipitation on ecosystem properties in tidal saline wetlands. Ecosphere, 2017, 8, e01956.	2.2	85
7	Assessment of Everglades mangrove forest resilience: Implications for above-ground net primary productivity and carbon dynamics. Forest Ecology and Management, 2017, 404, 115-125.	3.2	48
8	Productivity and Carbon Dynamics in Mangrove Wetlands. , 2017, , 113-162.		28
9	Advancing Mangrove Macroecology. , 2017, , 347-381.		12
10	Control of â€œblue carbonâ€•storage by mangrove ageing: Evidence from a 66â€year chronosequence in French Guiana. Global Change Biology, 2018, 24, 2325-2338.	9.5	53
11	Model averaging in ecology: a review of Bayesian, informationâ€theoretic, and tactical approaches for predictive inference. Ecological Monographs, 2018, 88, 485-504.	5.4	209
12	Global controls on carbon storage in mangrove soils. Nature Climate Change, 2018, 8, 534-538.	18.8	216
13	Climate and plant controls on soil organic matter in coastal wetlands. Global Change Biology, 2018, 24, 5361-5379.	9.5	111
14	Interâ€•and intraspecific variation in mangrove carbon fraction and wood specific gravity in Gazi Bay, Kenya. Ecosphere, 2018, 9, e02306.	2.2	13
15	Sensitivity of mangrove range limits to climate variability. Global Ecology and Biogeography, 2018, 27, 925-935.	5.8	68
16	Spatial variation of above-ground carbon storage in temperate coastal wetlands. Estuarine, Coastal and Shelf Science, 2018, 210, 55-67.	2.1	47
17	Spatial variability of mangrove primary productivity in the neotropics. Ecosphere, 2019, 10, e02841.	2.2	36
18	Ecosystem carbon storage affected by intertidal locations and climatic factors in three estuarine mangrove forests of South China. Regional Environmental Change, 2019, 19, 1701-1712.	2.9	25

#	Article	IF	Citations
19	Greenness trends and carbon stocks of mangroves across Mexico. Environmental Research Letters, 2019, 14, 075010.	5.2	23
20	The importance of blue carbon soil stocks in tropical semiarid mangroves: a case study in Northeastern Brazil. Environmental Earth Sciences, 2019, 78, 1.	2.7	15
21	Global patterns of tree stem growth and stand aboveground wood production in mangrove forests. Forest Ecology and Management, 2019, 444, 382-392.	3.2	33
22	Interâ€annual hydroclimatic variability in coastal Tanzania. International Journal of Climatology, 2019, 39, 4736-4750.	3.5	11
23	Long-term demography and stem productivity of Everglades mangrove forests (Florida, USA): Resistance to hurricane disturbance. Forest Ecology and Management, 2019, 440, 79-91.	3.2	27
24	Mangrove wetland productivity and carbon stocks in an arid zone of the Gulf of California (La Paz) Tj ETQq1 1 0.784314 rgBT /Overlock	3.2	40
25	Mangrove canopy height globally related to precipitation, temperature and cyclone frequency. Nature Geoscience, 2019, 12, 40-45.	12.9	279
26	Where the tallest mangroves are. Nature Geoscience, 2019, 12, 4-5.	12.9	8
27	Measuring mangrove carbon loss and gain in deltas. Environmental Research Letters, 2019, 14, 025002.	5.2	58
28	Modelling of mangrove annual leaf litterfall with emphasis on the role of vegetation structure. Estuarine, Coastal and Shelf Science, 2019, 218, 292-299.	2.1	9
29	Spatial Variability of Organic Carbon, CaCO3 and Nutrient Burial Rates Spanning a Mangrove Productivity Gradient in the Coastal Everglades. Ecosystems, 2019, 22, 844-858.	3.4	10
30	Environmental drivers of rhodolith beds and epiphytes community along the South Western Atlantic coast. Marine Environmental Research, 2020, 154, 104827.	2.5	38
31	Mangrove regional feedback to sea level rise and drought intensity at the end of the 21st century. Ecological Indicators, 2020, 110, 105972.	6.3	38
32	Annual variations in regional mangrove cover in southern China and potential macro- climatic and hydrological indicators. Ecological Indicators, 2020, 110, 105927.	6.3	7
33	Modeling soil porewater salinity in mangrove forests (Everglades, Florida, USA) impacted by hydrological restoration and a warming climate. Ecological Modelling, 2020, 436, 109292.	2.5	15
34	Quantifying net loss of global mangrove carbon stocks from 20 years of land cover change. Nature Communications, 2020, 11, 4260.	12.8	87
35	Frequency of extreme freeze events controls the distribution and structure of black mangroves (Avicennia germinans) near their northern range limit in coastal Louisiana. Diversity and Distributions, 2020, 26, 1366-1382.	4.1	36
36	Mapping the Global Mangrove Forest Aboveground Biomass Using Multisource Remote Sensing Data. Remote Sensing, 2020, 12, 1690.	4.0	48

#	Article	IF	Citations
37	Improving mangrove above-ground biomass estimates using LiDAR. Estuarine, Coastal and Shelf Science, 2020, 236, 106585.	2.1	33
38	Aboveground Carbon Stocks in Rapidly Expanding Mangroves in New Zealand: Regional Assessment and Economic Valuation of Blue Carbon. Estuaries and Coasts, 2020, 43, 1456-1469.	2.2	9
39	Golden carbon of Sargassum forests revealed as an opportunity for climate change mitigation. Science of the Total Environment, 2020, 729, 138745.	8.0	68
40	Mangrove leaf species-specific isotopic signatures along a salinity and phosphorus soil fertility gradients in a subtropical estuary. Estuarine, Coastal and Shelf Science, 2021, 248, 106768.	2.1	16
41	Blue carbon stocks, accumulation rates, and associated spatial variability in Brazilian mangroves. Limnology and Oceanography, 2021, 66, 321-334.	3.1	32
42	Ecosystem-level carbon stocks and sequestration rates in mangroves in the CananÃ©ia-Iguape lagoon estuarine system, southeastern Brazil. Forest Ecology and Management, 2021, 479, 118553.	3.2	28
44	Gaps, challenges, and opportunities in mangrove blue carbon research: a biogeographic perspective. , 2021, , 295-334.		2
45	Macroecological patterns of forest structure and allometric scaling in mangrove forests. Global Ecology and Biogeography, 2021, 30, 1000-1013.	5.8	32
46	Relationships between mangrove root system and benthic macrofauna distribution. Hydrobiologia, 2021, 848, 1391-1407.	2.0	1
47	Mangrove growth response to experimental warming is greatest near the range limit in northeast Florida. Ecology, 2021, 102, e03320.	3.2	23
48	Effects of marine pollution, climate, and tidal range on biomass and sediment organic carbon in Chinese mangrove forests. Catena, 2021, 202, 105270.	5.0	16
49	Disturbance frequency, intensity and forest structure modulate cycloneâ€induced changes in mangrove forest canopy cover. Global Ecology and Biogeography, 2022, 31, 37-50.	5.8	24
50	Modeling mangrove responses to multi-decadal climate change and anthropogenic impacts using a long-term time series of satellite imagery. International Journal of Applied Earth Observation and Geoinformation, 2021, 102, 102390.	2.8	7
51	Environmental drivers of blue carbon burial and soil carbon stocks in mangrove forests. , 2021, , 275-294.		13
52	Hydroperiod and Salinity Interactions Control Mangrove Root Dynamics in a Karstic Oceanic Island in the Caribbean Sea (San Andres, Colombia). Frontiers in Marine Science, 2021, 7, .	2.5	14
53	Mangrove benthic macrofauna: drivers of community structure and functional traits at multiple spatial scales. Marine Ecology - Progress Series, 2020, 638, 25-38.	1.9	6
54	Biomass estimation in mangrove forests: a comparison of allometric models incorporating species and structural information. Environmental Research Letters, 2021, 16, 124002.	5.2	17
55	Structural Characteristics of the Tallest Mangrove Forests of the American Continent: A Comparison of Ground-Based, Drone and Radar Measurements. Frontiers in Forests and Global Change, 2021, 4, .	2.3	10

#	Article	IF	Citations
56	Litho-climatic characteristics and its control over mangrove soil geochemistry: A macro-scale approach. Science of the Total Environment, 2022, 811, 152152.	8.0	16
57	Mangroves From Rainy to Desert Climates: Baseline Data to Assess Future Changes and Drivers in Colombia. Frontiers in Forests and Global Change, 2022, 5, .	2.3	3
58	Predicting mangrove forest dynamics across a soil salinity gradient using an individual-based vegetation model linked with plant hydraulics. Biogeosciences, 2022, 19, 1813-1832.	3.3	10
59	Comparisons of regression and machine learning methods for estimating mangrove above-ground biomass using multiple remote sensing data in the red River Estuaries of Vietnam. Remote Sensing Applications: Society and Environment, 2022, 26, 100725.	1.5	3
60	Development and Structural Organization of Mexicoâ€™s Mangrove Monitoring System (SMMM) as a Foundation for Conservation and Restoration Initiatives: A Hierarchical Approach. Forests, 2022, 13, 621.	2.1	4
61	Multiscale Diagnosis of Mangrove Status in Data-Poor Context Using Very High Spatial Resolution Satellite Images: A Case Study in Pichavaram Mangrove Forest, Tamil Nadu, India. Remote Sensing, 2022, 14, 2317.	4.0	0
62	Global impacts of projected climate changes on the extent and aboveground biomass of mangrove forests. Diversity and Distributions, 2022, 28, 2349-2360.	4.1	9
63	Drivers of global mangrove loss and gain in social-ecological systems. Nature Communications, 2022, 13, .	12.8	31
64	A new synergistic approach for Sentinel-1 and PALSAR-2 in a machine learning framework to predict aboveground biomass of a dense mangrove forest. Ecological Informatics, 2022, 72, 101900.	5.2	11
66	Changes in Mangrove Blue Carbon under Elevated Atmospheric CO ₂. Ecosystem Health and Sustainability, 2023, 9, .	0.0	3
67	Variability of Mangroves Along the Brazilian Coast: Revisiting. Brazilian Marine Biodiversity, 2023, , 43-65.	0.4	0
68	Global mangrove root production, its controls and roles in the blue carbon budget of mangroves. Global Change Biology, 2023, 29, 3256-3270.	9.5	10
69	Vegetated coastal ecosystems in the Southwestern Atlantic Ocean are an unexploited opportunity for climate change mitigation. Communications Earth & Environment, 2023, 4, .	6.8	4
70	Mapping Multi-decadal Mangrove Forest Change in the Philippines: Vegetation Extent and Impacts of Anthropogenic and Climate-Related Factors. Climate Change Management, 2023, , 217-248.	0.8	1
71	Estimating mangrove aboveground biomass in the Colombian Pacific coast: A multisensor and machine learning approach. Heliyon, 2023, 9, e20745.	3.2	0
72	The Challenges of Sustainable Forest Operations in Amazonia. Current Forestry Reports, 2024, 10, 77-88.	7.4	1
73	Mangrove forests: Their status, threats, conservation and restoration. , 2024, , 596-625.		0