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Mangrove root biomass and the uncertainty of belowground carbon estimations

DOI: 10.1016/j.foreco.2017.08.016

Forest Ecology and Management, 2017, 403, 52-60.

Source: <https://exaly.com/paper-pdf/67309431/citation-report.pdf>

Version: 2024-04-27

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#	Paper	IF	Citations
63	Estimation of carbon pool in soil, above and below ground vegetation at different types of mangrove forests in Peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2018 , 137, 237-245	6.7	13
62	Inter- and intraspecific variation in mangrove carbon fraction and wood specific gravity in Gazi Bay, Kenya. <i>Ecosphere</i> , 2018 , 9, e02306	3.1	9
61	Loss and recovery of carbon and nitrogen after mangrove clearing. <i>Ocean and Coastal Management</i> , 2018 , 161, 117-126	3.9	38
60	The effect of heterogeneous soil bulk density on root growth of field-grown mangrove species. <i>Plant and Soil</i> , 2018 , 432, 91-105	4.2	13
59	Spatial variability of mangrove primary productivity in the neotropics. <i>Ecosphere</i> , 2019 , 10, e02841	3.1	13
58	Carbon sequestration and fluxes of restored mangroves in abandoned aquaculture ponds. <i>Journal of the Indian Ocean Region</i> , 2019 , 15, 177-192	1	18
57	Mangrove wetland productivity and carbon stocks in an arid zone of the Gulf of California (La Paz Bay, Mexico). <i>Forest Ecology and Management</i> , 2019 , 442, 135-147	3.9	25
56	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	10.2	26
55	Thirty-Year Repeat Measures of Mangrove Above- and Below-Ground Biomass Reveals Unexpectedly High Carbon Sequestration. <i>Ecosystems</i> , 2020 , 23, 370-382	3.9	22
54	Vascular Plants Are Globally Significant Contributors to Marine Carbon Fluxes and Sinks. <i>Annual Review of Marine Science</i> , 2020 , 12, 469-497	15.4	31
53	Plasticity in the Above- and Below-Ground Development of Mangrove Seedlings in Response to Variation in Soil Bulk Density. <i>Estuaries and Coasts</i> , 2020 , 43, 111-119	2.8	2
52	Glomalin-related soil protein enriched in α and β excels at storing blue carbon in mangrove wetlands. <i>Science of the Total Environment</i> , 2020 , 732, 138327	10.2	3
51	Biomass and carbon estimation for scrub mangrove forests and examination of their allometric associated uncertainties. <i>PLoS ONE</i> , 2020 , 15, e0230008	3.7	10
50	The role of predictive model data in designing mangrove forest carbon programs. <i>Environmental Research Letters</i> , 2020 , 15, 084019	6.2	6
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48	Above- and belowground responses to nutrient enrichment within a marsh-mangrove ecotone. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 243, 106884	2.9	4
47	Mangrove vulnerability and potential carbon stock loss from land reclamation in Jakarta Bay, Indonesia. <i>Ocean and Coastal Management</i> , 2020 , 195, 105283	3.9	9

46	Changes of ecosystem carbon stock following the plantation of exotic mangrove <i>Sonneratia apetala</i> in Qi'ao Island, China. <i>Science of the Total Environment</i> , 2020 , 717, 137142	10.2	11
45	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	2.8	8
44	Mangroves in arid regions: Ecology, threats, and opportunities. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 248, 106796	2.9	15
43	The carbon sequestration potential of analog forestry in Ecuador: an alternative strategy for reforestation of degraded pastures. <i>Forestry</i> , 2021 , 94, 102-114	2.2	
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41	Gaps, challenges, and opportunities in mangrove blue carbon research: a biogeographic perspective. 2021 , 295-334		1
40	Relationships between mangrove root system and benthic macrofauna distribution. <i>Hydrobiologia</i> , 2021 , 848, 1391-1407	2.4	0
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26	Salvaging and replanting 300 mangrove trees and saplings in the arid Arabian Gulf. <i>Marine and Freshwater Research</i> , 2021 ,	2.2	1
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24	Mangrove benthic macrofauna: drivers of community structure and functional traits at multiple spatial scales. <i>Marine Ecology - Progress Series</i> , 2020 , 638, 25-38	2.6	2
23	Almacenes de carbono en un paisaje de humedal c3stico a lo largo de un corredor transversal costero de la Pen3sula de Yucat3n. <i>Madera Bosques</i> , 2021 , 27,	0.9	0
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21	Net loss statistics underestimate carbon emissions from mangrove land use and land cover change. <i>Ecography</i> ,	6.5	0
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18	Brazilian Mangroves: Blue Carbon Hotspots of National and Global Relevance to Natural Climate Solutions. <i>Frontiers in Forests and Global Change</i> , 2022 , 4,	3.7	1
17	Estimation of total fine root production using continuous inflow methods in tropical mangrove forest on Pohnpei Island, Micronesia: Fine root necromass accumulation is a substantial contributor to blue carbon stocks. <i>Ecological Research</i> , 2022 , 37, 33-52	1.9	2
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14	Allometric equations may underestimate the contribution of fine roots to mangrove carbon sequestration.. <i>Science of the Total Environment</i> , 2022 , 155032	10.2	2
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