

How much carbon is sequestered during the restoration from tree species in the Brazilian Atlantic forest

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Exotic grasses and nitrate enrichment alter soil carbon cycling along an urban-rural tropical forest gradient. <i>Global Change Biology</i> , 2015, 21, 4481-4496.	4.2	14
2	8. Restoration Success Of Tropical Forests: The Search For Indicators. , 2015, , 146-159.		4
3	Deforestation and carbon loss estimation at tropical forest using multispectral remote sensing: Case study of Besul Tambahan Permanent Forest Reserve. , 2015, , .		5
4	Growth analysis of five Leguminosae native tree species from a seasonal semidecidual lowland forest in Brazil. <i>Dendrochronologia</i> , 2015, 36, 23-32.	1.0	34
5	Brazilian Atlantic forest: impact, vulnerability, and adaptation to climate change. <i>Biodiversity and Conservation</i> , 2015, 24, 2319-2331.	1.2	227
6	Growth dynamics of <i>Centropodium robustum</i> (Vell.) Mart. ex Benth. (Leguminosae-Papilionoideae) in the Atlantic Forest. <i>Revista Brasileira De Botanica</i> , 2016, 39, 925-934.	0.5	9
7	Soil carbon stocks of Ultisols under different land use in the Atlantic rainforest zone of Brazil. <i>Geoderma Regional</i> , 2016, 7, 330-337.	0.9	23
8	Global change effects on humid tropical forests: Evidence for biogeochemical and biodiversity shifts at an ecosystem scale. <i>Reviews of Geophysics</i> , 2016, 54, 523-610.	9.0	73
9	Managing reforestation to sequester carbon, increase biodiversity potential and minimize loss of agricultural land. <i>Land Use Policy</i> , 2016, 51, 135-149.	2.5	36
10	Stem growth rhythms in trees of a tropical rainforest in Southern Brazil. <i>Trees - Structure and Function</i> , 2016, 30, 99-111.	0.9	25
11	Carbon sinks and tropical forest biomass estimation: a review on role of remote sensing in aboveground-biomass modelling. <i>Geocarto International</i> , 2017, 32, 701-716.	1.7	47
12	Quantifying the role of wood density in explaining interspecific variation in growth of tropical trees. <i>Global Ecology and Biogeography</i> , 2017, 26, 1078-1087.	2.7	18
13	Growth-Ring Boundary Anatomy and Dendrochronological Potential in a Moist Tropical Forest in Northeastern Bangladesh. <i>Tree-Ring Research</i> , 2018, 74, 76-93.	0.4	33
14	Restoration of ecosystem services in tropical forests: A global meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0208523.	1.1	66
15	The importance of isolated patches for maintaining local bird biodiversity and ecosystem function: a case study from the Pernambuco Center of Endemism, Northeast Brazil. <i>Iheringia - Serie Zoologia</i> , 2018, 108, .	0.5	1
16	Aboveground biomass and carbon of the highly diverse Atlantic Forest in Brazil: comparison of alternative individual tree modeling and prediction strategies. <i>Carbon Management</i> , 2018, 9, 383-397.	1.2	5
17	Safeguarding reforestation efforts against changes in climate and disturbance regimes. <i>Forest Ecology and Management</i> , 2018, 424, 458-467.	1.4	14
18	Estimating aboveground biomass using PIADES satellite image in a karst watershed of Guizhou Province, Southwestern China. <i>Journal of Mountain Science</i> , 2018, 15, 1020-1034.	0.8	5

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19	Dendroecological Approach to Assessing Carbon Accumulation Dynamics in Two <i>Pinus</i> Species from Northern Mexico. <i>Tree-Ring Research</i> , 2018, 74, 196-209.	0.4	8
20	Artisans and dugout canoes reveal pieces of Atlantic Forest history. <i>PLoS ONE</i> , 2019, 14, e0219100.	1.1	2
21	Monitoring of a Seedling Planting Restoration in a Permanent Preservation Area of the Southeast Atlantic Forest Biome, Brazil. <i>Forests</i> , 2019, 10, 768.	0.9	5
22	Tree rings in tree species of a seasonal semi-deciduous forest in southern Brazil: wood anatomical markers, annual formation and radial growth dynamic. <i>Dendrochronologia</i> , 2019, 55, 93-104.	1.0	12
23	Fire records in tree rings of <i>Moquiniastrium polymorphum</i> : potential for reconstructing fire history in the Brazilian Atlantic Forest. <i>Acta Botanica Brasilica</i> , 2019, 33, 61-66.	0.8	10
24	A multisensoral approach for high-resolution land cover and pasture degradation mapping in the humid tropics: A case study of the fragmented landscape of Rio de Janeiro. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 78, 189-201.	1.4	8
25	Intensive silviculture enhances biomass accumulation and tree diversity recovery in tropical forest restoration. <i>Ecological Applications</i> , 2019, 29, e01847.	1.8	51
26	Early assessment of tree species with potential for carbon offset plantations in degraded area from the southeastern Brazil. <i>Ecological Indicators</i> , 2019, 98, 854-860.	2.6	26
27	Dendrochronology and dendroclimatology of <i>Ceiba speciosa</i> (A. St.-Hil.) Ravenna (Malvaceae) exposed to urban pollution in Rio de Janeiro city, Brazil. <i>Dendrochronologia</i> , 2019, 53, 104-113.	1.0	14
28	What is the temporal extension of edge effects on tree growth dynamics? A dendrochronological approach model using <i>Scleronema micranthum</i> (Ducke) Ducke trees of a fragmented forest in the Central Amazon. <i>Ecological Indicators</i> , 2019, 101, 133-142.	2.6	14
29	Climate signals in tree rings of <i>Paubrasilia echinata</i> (Leguminosae-Caesalpinioidea) from the Atlantic Forest of Brazil. <i>Trees - Structure and Function</i> , 2020, 34, 337-347.	0.9	4
30	Machine learning: Modeling increment in diameter of individual trees on Atlantic Forest fragments. <i>Ecological Indicators</i> , 2020, 117, 106685.	2.6	17
31	Historical Radial Growth of Chinese <i>Torreya</i> Trees and Adaptation to Climate Change. <i>Atmosphere</i> , 2020, 11, 691.	1.0	5
32	Assessing multidimensional sustainability: Lessons from Brazil's social protection programs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20511-20519.	3.3	21
33	Influence of Climate on Carbon Sequestration in Conifers Growing under Contrasting Hydro-Climatic Conditions. <i>Forests</i> , 2020, 11, 1134.	0.9	5
34	Growth and survival of potential tree species for carbon-offset in degraded areas from southeast Brazil. <i>Ecological Indicators</i> , 2020, 117, 106514.	2.6	4
35	Functional trait representation differs between restoration plantings and mature tropical rainforest. <i>Forest Ecology and Management</i> , 2020, 473, 118304.	1.4	14
36	Temporal and environmental correlates of carbon stocks in a regenerating tropical forest. <i>Applied Vegetation Science</i> , 2020, 23, 353-362.	0.9	15

#	ARTICLE	IF	CITATIONS
37	Land-Cover and Elevation-Based Mapping of Aboveground Carbon in a Tropical Mixed-Shrub Forest Area in West Java, Indonesia. <i>Forests</i> , 2020, 11, 636.	0.9	5
38	Brazil's forest restoration, biomass and carbon stocks: A critical review of the knowledge gaps. <i>Forest Ecology and Management</i> , 2020, 462, 117972.	1.4	16
39	The effect of ecological restoration methods on carbon stocks in the Brazilian Atlantic Forest. <i>Forest Ecology and Management</i> , 2021, 481, 118734.	1.4	24
40	Long-term forest cover and height changes on abandoned agricultural land: An assessment based on historical stereometric images and airborne laser scanning data. <i>Ecological Indicators</i> , 2021, 120, 106904.	2.6	10
41	Atlantic Forest: Ecosystem Services Linking People and Biodiversity. , 2021, , 347-367.		3
42	Amazon forest fragmentation and edge effects temporarily favored understory and midstory tree growth. <i>Trees - Structure and Function</i> , 2021, 35, 2059-2068.	0.9	3
43	Co-benefits in biodiversity conservation and carbon stock during forest regeneration in a preserved tropical landscape. <i>Forest Ecology and Management</i> , 2021, 492, 119222.	1.4	13
44	Plant Species Composition and the Perception of the Afforestation in Urban Public Green Spaces in a Municipality in Eastern Brazilian Amazon. <i>Sustainability</i> , 2021, 13, 10332.	1.6	4
45	Land-Cover Changes and an Uncertain Future: Will the Brazilian Atlantic Forest Lose the Chance to Become a Hopespot?. , 2021, , 233-251.		11
46	CARBON STOCK GROWTH IN A SECONDARY ATLANTIC FOREST. <i>Revista Arvore</i> , 2019, 43, .	0.5	6
47	Above-Ground Carbon Sequestration during Restoration of Upland Evergreen Forest in Northern Thailand. <i>Open Journal of Forestry</i> , 2017, 07, 157-171.	0.1	6
48	Recovery of Ecosystem Processes: Carbon and Energy Flows in Restored Wetlands, Grasslands, and Forests. , 2016, , 365-394.		1
49	Converting Lawn to Restored Forest on a Midwest College Campus: A Seven Year Assessment of Herbaceous Plant Establishment. <i>Ecological Restoration</i> , 2017, 35, 167-174.	0.5	0
50	Growth, Biomass and Carbon Stocks in Forest Cover Planted in an Area of Bauxite Mining in Rehabilitation. <i>Revista Brasileira De Ciencia Do Solo</i> , 0, 43, .	0.5	4
51	Almac�n de carbono en biomasa �rea de plantaciones experimentales con especies de sucesi�n temprana del bosque mes�filo de monta�a. <i>Botanical Sciences</i> , 2019, 97, 82-88.	0.3	1
52	Comparison between Resistograph Analysis with Physical Properties of the Wood of Brazilian Native Tree Species. <i>Floresta E Ambiente</i> , 2020, 27, .	0.1	4
53	Carbon content and allometric models to estimate aboveground biomass for forest areas under restoration. <i>Restoration Ecology</i> , 0, , e13591.	1.4	0
54	How are biodiversity and carbon stock recovered during tropical forest restoration? Supporting the ecological paradigms and political context involved. <i>Journal for Nature Conservation</i> , 2022, 65, 126115.	0.8	7

#	ARTICLE	IF	CITATIONS
55	Offsetting Destruction: The Important Functional Contribution of Carbon Sequestration in the Restoration of a Tropical Forest in Monteverde, Costa Rica. , 2022, , .		1
56	Aboveground biomass accumulation and tree size distribution in seasonal Atlantic Forest restoration sites. Restoration Ecology, 0, , .	1.4	0
57	Carbon sequestration potential of reserve forests present in the protected Margalla Hills National Park. Journal of King Saud University - Science, 2022, 34, 101978.	1.6	16
58	Integrating social media data and machine learning to analyse scenarios of landscape appreciation. Ecosystem Services, 2022, 55, 101422.	2.3	6
59	Effect of Forest Restoration on Vegetation Composition and Soil Characteristics in North Wollo and Wagemira Zones, Northeastern Ethiopia. , 2021, 13, .		1
60	Climate change mitigation potential of Atlantic Forest reforestations. Mitigation and Adaptation Strategies for Global Change, 2022, 27, .	1.0	0
61	Opportunity Costs of Forest Conservation in Nepal. Frontiers in Forests and Global Change, 0, 5, .	1.0	3
62	Insights about wood density in Atlantic Forest ecosystems: spatial variability and alternative measurement. Canadian Journal of Forest Research, 2022, 52, 1212-1223.	0.8	0
63	Habitat amount is a driver for biodiversity, but not for the carbon stock in post-logging natural regenerating areas in Tropical Atlantic Forest. Biological Conservation, 2022, 273, 109673.	1.9	3
64	Biodiversity and Carbon Stocks in Atlantic Forest Fragments: More of the Same or Complementary Parts?. SSRN Electronic Journal, 0, , .	0.4	0
65	Improved allometric models to estimate the aboveground biomass of younger secondary tropical forests. Global Ecology and Conservation, 2023, 41, e02359.	1.0	2
66	Comparing the random forest algorithm with other modelling approaches to capture the complex patterns of intra-annual wood formation of Chinese fir with different ages. Dendrochronologia, 2023, 77, 126043.	1.0	2
68	Carbon sequestration potential of different forest types in Pakistan and its role in regulating services for public health. Frontiers in Public Health, 0, 10, .	1.3	6
69	Growth and drought resilience of four native tree species suitable for reforestation of Brazil's Atlantic Forest. Forestry, 0, , .	1.2	0
70	Selective logging that occurred decades ago is still impacting aboveground biomass and tree assemblage structure in Brazilian semi-deciduous seasonal Atlantic forest fragments. Forest Ecology and Management, 2023, 535, 120895.	1.4	1
71	Human impacts, habitat quantity and quality affect the dimensions of diversity and carbon stocks in subtropical forests: A landscape-based approach. Journal for Nature Conservation, 2023, 73, 126383.	0.8	3
72	No relationship between biodiversity and forest carbon sink across the subtropical Brazilian Atlantic Forest. Perspectives in Ecology and Conservation, 2023, 21, 112-120.	1.0	2
73	Pit volume, soil cover and Eucalyptus forestry residues determine plant growth in restoring areas after gravel mining in eastern Amazon, Brazil. New Forests, 2024, 55, 197-211.	0.7	2

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