

# Modeling the Terrestrial Biosphere

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of residence time in diagnostic models of global carbon storage capacity: model decomposition based on a traceable scheme. <i>Scientific Reports</i> , 2015, 5, 16155.	1.6	17
2	Toward "optimal" integration of terrestrial biosphere models. <i>Geophysical Research Letters</i> , 2015, 42, 4418-4428.	1.5	48
3	An analytical model for relating global terrestrial carbon assimilation with climate and surface conditions using a rate limitation framework. <i>Geophysical Research Letters</i> , 2015, 42, 9825-9835.	1.5	45
4	A sub-canopy structure for simulating oil palm in the Community Land Model (CLM-Palm): phenology, allocation and yield. <i>Geoscientific Model Development</i> , 2015, 8, 3785-3800.	1.3	37
5	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. <i>New Phytologist</i> , 2015, 206, 614-636.	3.5	350
6	The role of remote sensing in process-scaling studies of managed forest ecosystems. <i>Forest Ecology and Management</i> , 2015, 355, 109-123.	1.4	101
7	Efficacy of generic allometric equations for estimating biomass: a test in Japanese natural forests. <i>Ecological Applications</i> , 2015, 25, 1433-1446.	1.8	56
9	Observing terrestrial ecosystems and the carbon cycle from space. <i>Global Change Biology</i> , 2015, 21, 1762-1776.	4.2	339
10	Technical note: 3-hourly temporal downscaling of monthly global terrestrial biosphere model net ecosystem exchange. <i>Biogeosciences</i> , 2016, 13, 4271-4277.	1.3	12
12	Tree-mycorrhizal associations detected remotely from canopy spectral properties. <i>Global Change Biology</i> , 2016, 22, 2596-2607.	4.2	45
13	Modeling plant-water interactions: an ecohydrological overview from the cell to the global scale. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 327-368.	2.8	163
14	Carbon cost of plant nitrogen acquisition: global carbon cycle impact from an improved plant nitrogen cycle in the Community Land Model. <i>Global Change Biology</i> , 2016, 22, 1299-1314.	4.2	137
15	Uncertainty analysis of terrestrial net primary productivity and net biome productivity in China during 1901-2005. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1372-1393.	1.3	35
16	Short-term favorable weather conditions are an important control of interannual variability in carbon and water fluxes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2186-2198.	1.3	60
17	Modeling Soil Processes: Review, Key Challenges, and New Perspectives. <i>Vadose Zone Journal</i> , 2016, 15, 1-57.	1.3	445
18	A model and measurement comparison of diurnal cycles of sun-induced chlorophyll fluorescence of crops. <i>Remote Sensing of Environment</i> , 2016, 186, 663-677.	4.6	80
19	The impact of standard and hard-coded parameters on the hydrologic fluxes in the Noah-MP land surface model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 10,676.	1.2	101
20	Estimation of future carbon budget with climate change and reforestation scenario in North Korea. <i>Advances in Space Research</i> , 2016, 58, 1002-1016.	1.2	19

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21	A belowground perspective on the drought sensitivity of forests: Towards improved understanding and simulation. <i>Forest Ecology and Management</i> , 2016, 380, 309-320.	1.4	92
22	ISENTROPIC TRANSPORT AND THE SEASONAL CYCLE AMPLITUDE OF CO <sub>2</sub> . <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8106-8124.	1.2	30
23	Drivers and patterns of land biosphere carbon balance reversal. <i>Environmental Research Letters</i> , 2016, 11, 044002.	2.2	38
24	Regional atmospheric cooling and wetting effect of permafrost thaw-induced boreal forest loss. <i>Global Change Biology</i> , 2016, 22, 4048-4066.	4.2	60
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26	Simulation of terrestrial carbon equilibrium state by using a detachable carbon cycle scheme. <i>Ecological Indicators</i> , 2017, 75, 82-94.	2.6	13
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29	ISS observations offer insights into plant function. <i>Nature Ecology and Evolution</i> , 2017, 1, 194.	3.4	94
30	Assessing climate change impacts, benefits of mitigation, and uncertainties on major global forest regions under multiple socioeconomic and emissions scenarios. <i>Environmental Research Letters</i> , 2017, 12, 045001.	2.2	38
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36	Uncertainty in the response of terrestrial carbon sink to environmental drivers undermines carbon-climate feedback predictions. <i>Scientific Reports</i> , 2017, 7, 4765.	1.6	156
37	Complex terrain influences ecosystem carbon responses to temperature and precipitation. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1306-1317.	1.9	15
38	Transient Traceability Analysis of Land Carbon Storage Dynamics: Procedures and Its Application to Two Forest Ecosystems. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 2822-2835.	1.3	13

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40	Carbon futures: a valiant attempt to bring scientific order from modeling chaos. <i>Environmental Research Letters</i> , 2017, 12, 101001.	2.2	0
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42	Toward seamless hydrologic predictions across spatial scales. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4323-4346.	1.9	81
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48	Inferring forest fate from demographic data: from vital rates to population dynamic models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172050.	1.2	31
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50	Missing pieces to modeling the Arctic-Boreal puzzle. <i>Environmental Research Letters</i> , 2018, 13, 020202.	2.2	61
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52	A lake classification concept for a more accurate global estimate of the dissolved inorganic carbon export from terrestrial ecosystems to inland waters. <i>Die Naturwissenschaften</i> , 2018, 105, 25.	0.6	13
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96	Plant Hydraulics. , 2019, , 213-227.		2
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136	Reducing model uncertainty of climate change impacts on high latitude carbon assimilation. <i>Global Change Biology</i> , 2022, 28, 1222-1247.	4.2	6
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149	Bottom-up approaches for estimating terrestrial GHG budgets: Bookkeeping, process-based modeling, and data-driven methods. , 2022, , 59-85.		0
150	Seasonal and interannual variations of ecosystem photosynthetic characteristics in a semi-arid grassland of Northern China. <i>Journal of Plant Ecology</i> , 2022, 15, 961-976.	1.2	7
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