Land-use and climate change risks in the Amazon and t development paradigm

Proceedings of the National Academy of Sciences of the Unite

113, 10759-10768

DOI: 10.1073/pnas.1605516113

Citation Report

#	Article	IF	Citations
1	Evolution of wetâ€day and dryâ€day frequency in the western <scp>A</scp>mazon basin: Relationship with atmospheric circulation and impacts on vegetation. Water Resources Research, 2016, 52, 8546-8560.	1.7	52
2	Regional dry-season climate changes due to three decades of Amazonian deforestation. Nature Climate Change, 2017, 7, 200-204.	8.1	165
3	The impact of deforestation, urbanization, public investments, and agriculture on human welfare in the Brazilian Amazonia. Land Use Policy, 2017, 65, 135-142.	2.5	58
4	Local rainfall trends and their perceptions by Amazonian communities. Climatic Change, 2017, 143, 461-472.	1.7	22
5	Restoring tropical rain forests. EMBO Reports, 2017, 18, 523-525.	2.0	1
6	Disturbance and mosquito diversity in the lowland tropical rainforest of central Panama. Scientific Reports, 2017, 7, 7248.	1.6	43
7	Leveraging Climate Regulation by Ecosystems for Agriculture to Promote Ecosystem Stewardship. Tropical Conservation Science, 2017, 10, 194008291772067.	0.6	8
8	Power plant fuel switching and air quality in a tropical, forested environment. Atmospheric Chemistry and Physics, 2017, 17, 8987-8998.	1.9	28
9	Blockchain: The Evolutionary Next Step for ICT E-Agriculture. Environments - MDPI, 2017, 4, 50.	1.5	208
10	Applying geographic object-based image analysis (GEOBIA) and data mining to identify secondary forests succession on Santarem Region, Para, Brazil. , 2017, , .		0
12	Composition, content of bioactive compounds, and antioxidant activity of fruit pulps from the Brazilian Amazon biome. Pesquisa Agropecuaria Brasileira, 2017, 52, 933-941.	0.9	38
13	Monitoring Rainfall Patterns in the Southern Amazon with PERSIANN-CDR Data: Long-Term Characteristics and Trends. Remote Sensing, 2017, 9, 889.	1.8	50
14	The influence of riverine barriers, climate, and topography on the biogeographic regionalization of Amazonian anurans. Scientific Reports, 2018, 8, 3427.	1.6	58
15	Development blind spots and environmental impact assessment: Tensions between policy, law and practice in Brazil's Xingu river basin. Environmental Impact Assessment Review, 2018, 70, 1-10.	4.4	20
16	Earth BioGenome Project: Sequencing life for the future of life. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4325-4333.	3.3	652
17	An <scp>A</scp>mazonian rainforest and its fragments as a laboratory of global change. Biological Reviews, 2018, 93, 223-247.	4.7	194
18	Advancing ecohydrology in the changing tropics: Perspectives from early career scientists. Ecohydrology, 2018, 11, e1918.	1.1	28
19	Who owns the Brazilian carbon?. Global Change Biology, 2018, 24, 2129-2142.	4.2	33

#	Article	IF	Citations
20	Amazon rainforest modulation of water security in the Pantanal wetland. Science of the Total Environment, 2018, 619-620, 1116-1125.	3.9	70
21	Anthropic Processes and Land-Use Change During 33 Years in Roraima, Northern Amazonia. Journal of Agricultural Science, 2018, 10, 426.	0.1	1
22	Changes in Climate and Land Use Over the Amazon Region: Current and Future Variability and Trends. Frontiers in Earth Science, 2018, 6, .	0.8	259
23	Assessing the Influence of Vegetation on the Water Budget of Tropical Areas. IFAC-PapersOnLine, 2018, 51, 1-6.	0.5	9
24	Potential increase of legal deforestation in Brazilian Amazon after Forest Act revision. Nature Sustainability, 2018, 1, 665-670.	11.5	50
25	Limiting the high impacts of Amazon forest dieback with no-regrets science and policy action. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11671-11679.	3.3	38
26	Sustainable hydropower in the 21st century. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11891-11898.	3.3	378
27	Resource extraction and infrastructure threaten forest cover and community rights. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 13164-13173.	3.3	122
28	Navigating Novelty and Risk in Resilience Management. Trends in Ecology and Evolution, 2018, 33, 863-873.	4.2	29
29	Soilâ€“Plantâ€“Atmosphere Interactions. Developments in Soil Science, 2018, , 29-60.	0.5	4
30	A contribution to harmonize water footprint assessments. Global Environmental Change, 2018, 53, 252-264.	3.6	12
31	Deforestation pattern dynamics in protected areas of the Brazilian Legal Amazon using remote sensing data. Applied Geography, 2018, 100, 101-115.	1.7	49
33	Biomass burning and carbon monoxide patterns in Brazil during the extreme drought years of 2005, 2010, and 2015. Environmental Pollution, 2018, 243, 1008-1014.	3.7	30
34	Recent intensification of Amazon flooding extremes driven by strengthened Walker circulation. Science Advances, 2018, 4, eaat8785.	4.7	205
35	Seasonal and interannual assessment of cloud cover and atmospheric constituents across the Amazon (2000â€“2015): Insights for remote sensing and climate analysis. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 145, 309-327.	4.9	60
36	Forest-rainfall cascades buffer against drought across the Amazon. Nature Climate Change, 2018, 8, 539-543.	8.1	191
37	Progress and challenges in consolidating the management of Amazonian protected areas and indigenous territories. Conservation Biology, 2018, 32, 1020-1030.	2.4	10
38	Quantifying long-term changes in carbon stocks and forest structure from Amazon forest degradation. Environmental Research Letters, 2018, 13, 065013.	2.2	75

#	Article	IF	Citations
39	Saving global land resources by enhancing eco-efficiency of agroecosystems. Journal of Soils and Water Conservation, 2018, 73, 100A-106A.	0.8	18
40	Changing patterns in deforestation avoidance by different protection types in the Brazilian Amazon. PLoS ONE, 2018, 13, e0195900.	1.1	34
41	Catastrophic Climate Change and Forest Tipping Points: Blind Spots in International Politics and Policy. Global Policy, 2018, 9, 513-524.	1.0	16
42	Use of the elements of digital transformation in dynamic capabilities in a Brazilian capital. , 2018, , .		0
43	The Role of Decision-making in Ecosystem Service Trade-offs in Lowland Bolivia's Amazonian Agricultural Systems. Ecological Economics, 2018, 153, 31-42.	2.9	10
44	Expected impacts of climate change threaten the anuran diversity in the Brazilian hotspots. Ecology and Evolution, 2018, 8, 7894-7906.	0.8	21
45	Tropical Forests, Tipping Points, and the Social Cost of Deforestation. Ecological Economics, 2018, 153, 161-171.	2.9	29
46	Spatial Distribution of Soil Organic Carbon in Amazonia. Journal of Agricultural Science, 2018, 10, 153.	0.1	0
47	Economic growth, sustainable development and food consumption: Evidence across different income groups of countries. Journal of Cleaner Production, 2018, 196, 245-258.	4.6	50
48	Communityâ€based native seed production for restoration in Brazil â€“ the role of science and policy. Plant Biology, 2019, 21, 389-397.	1.8	67
49	Forbidden fire: Does criminalising fire hinder conservation efforts in swidden landscapes of the Brazilian Amazon?. Geographical Journal, 2019, 185, 23-37.	1.6	40
50	Tree rings and rainfall in the equatorial Amazon. Climate Dynamics, 2019, 52, 1857-1869.	1.7	34
51	Mapping research on hydropower and sustainability in the Brazilian Amazon: advances, gaps in knowledge and future directions. Current Opinion in Environmental Sustainability, 2019, 37, 50-69.	3.1	42
52	MuSIASEM analysis structure proposal for micronarratives on extractive productive chains in the Amazon context. Ecological Indicators, 2019, 106, 105509.	2.6	4
53	Integrating climate models into hydrological modelling: Whatâ€™s going on in Brazil?. Revista Brasileira De Recursos Hidricos, 0, 24, .	0.5	5
54	Effects of climate and landâ€use change scenarios on fire probability during the 21st century in the Brazilian Amazon. Global Change Biology, 2019, 25, 2931-2946.	4.2	87
55	Building a regional adaptation strategy for Amazon countries. International Environmental Agreements: Politics, Law and Economics, 2019, 19, 411-427.	1.5	11
56	Blue Screen Biosphere: The Absent Presence of Biodiversity in International Law. International Political Sociology, 2019, 13, 333-351.	1.0	8

#	Article	IF	Citations
57	Phenology and Seasonal Ecosystem Productivity in an Amazonian Floodplain Forest. Remote Sensing, 2019, 11, 1530.	1.8	16
58	The influence of water table depth on evapotranspiration in the Amazon arc of deforestation. Hydrology and Earth System Sciences, 2019, 23, 3917-3931.	1.9	19
59	Carbon Sequestration Potential from Large-Scale Reforestation and Sugarcane Expansion on Abandoned Agricultural Lands in Brazil. Polytechnica, 2019, 2, 9-25.	2.1	5
60	Conservation of Tropical Forests in the Anthropocene. Current Biology, 2019, 29, R1008-R1020.	1.8	81
62	Avoiding Amazonian Catastrophes: Prospects for Conservation in the 21st Century. One Earth, 2019, 1, 202-215.	3.6	32
63	A Recent Systematic Increase in Vapor Pressure Deficit over Tropical South America. Scientific Reports, 2019, 9, 15331.	1.6	106
65	Future Climate and Land Use Change Impacts on River Flows in the TapajÃ³s Basin in the Brazilian Amazon. Earth's Future, 2019, 7, 993-1017.	2.4	39
66	Why Brazil needs its Legal Reserves. Perspectives in Ecology and Conservation, 2019, 17, 91-103.	1.0	81
67	Climatic Benefits From the 2006â€“2017 Avoided Deforestation in Amazonian Brazil. Frontiers in Forests and Global Change, 2019, 2, .	1.0	27
68	Impacts of Fire on Forest Biomass Dynamics at the Southern Amazon Edge. Environmental Conservation, 2019, 46, 285-292.	0.7	18
69	Valuing nature's contribution to people: The pollination services provided by two protected areas in Brazil. Global Ecology and Conservation, 2019, 20, e00782.	1.0	12
70	Aligning Urban Policy with Climate Action in the Global South: Are Brazilian Cities Considering Climate Emergency in Local Planning Practice?. Energies, 2019, 12, 3418.	1.6	26
71	Climate Benefits of Intact Amazon Forests and the Biophysical Consequences of Disturbance. Frontiers in Forests and Global Change, 2019, 2, .	1.0	54
72	Hydrological reanalysis across the 20th century: A case study of the Amazon Basin. Journal of Hydrology, 2019, 570, 755-773.	2.3	27
73	Impact of climatic and hydrological disturbances on blackwater floodplain forests in Central Amazonia. Biotropica, 2019, 51, 484-489.	0.8	9
74	Perceptions of climate and climate change by Amazonian communities. Global Environmental Change, 2019, 57, 101923.	3.6	43
75	Prolonged tropical forest degradation due to compounding disturbances: Implications for CO₂ and H₂O fluxes. Global Change Biology, 2019, 25, 2855-2868.	4.2	43
76	The vertical distribution of biomass burning pollution over tropical South America from aircraft in situ measurements during SAMBBA. Atmospheric Chemistry and Physics, 2019, 19, 5771-5790.	1.9	19

#	Article	IF	Citations
77	Dung beetle responses to successional stages in the Amazon rainforest. Biodiversity and Conservation, 2019, 28, 2745-2761.	1.2	7
78	Climate adaptation and policy conflicts in the Brazilian Amazon: prospects for a Nexus + approach. Climatic Change, 2019, 155, 215-236.	1.7	11
79	Droughts, Wildfires, and Forest Carbon Cycling: A Pantropical Synthesis. Annual Review of Earth and Planetary Sciences, 2019, 47, 555-581.	4.6	131
80	Reducing Catastrophic Climate Risk by Revolutionizing the Amazon: Novel Pathways for Brazilian Diplomacy. Contributions To Economics, 2019, , 189-218.	0.2	3
81	Catastrophic Climate Risk and Brazilian Amazonian Politics and Policies: A New Research Agenda. Global Environmental Politics, 2019, 19, 93-103.	1.7	26
82	Quantifying the impacts of dams on riverine hydrology under non-stationary conditions using incomplete data and Gaussian copula models. Science of the Total Environment, 2019, 677, 599-611.	3.9	21
83	A Global Deal For Nature: Guiding principles, milestones, and targets. Science Advances, 2019, 5, eaaw2869.	4.7	477
84	The spatial variability of actual evapotranspiration across the Amazon River Basin based on remote sensing products validated with flux towers. Ecological Processes, 2019, 8, .	1.6	61
85	Aquatic carbon fluxes dampen the overall variation of net ecosystem productivity in the Amazon basin: An analysis of the interannual variability in the boundless carbon cycle. Global Change Biology, 2019, 25, 2094-2111.	4.2	34
86	Characteristics of Transformational Adaptation in Climate-Land-Society Interactions. Sustainability, 2019, 11, 356.	1.6	20
87	Why Does Amazon Precipitation Decrease When Tropical Forests Respond to Increasing CO₂?. Earth's Future, 2019, 7, 450-468.	2.4	53
88	Opposite Effects of Climate and Land Use Changes on the Annual Water Balance in the Amazon Arc of Deforestation. Water Resources Research, 2019, 55, 3092-3106.	1.7	55
89	Residual biomass energy potential: perspectives in a peripheral region in Brazil. Clean Technologies and Environmental Policy, 2019, 21, 733-744.	2.1	6
90	System complexity and policy integration challenges: The Brazilian Energy- Water-Food Nexus. Renewable and Sustainable Energy Reviews, 2019, 105, 230-243.	8.2	110
91	Indigenous Knowledge Systems and Conservation of Settled Territories in the Bolivian Amazon. Sustainability, 2019, 11, 6099.	1.6	3
92	If a Tree Falls: Business Students Learning Active Citizenship from Environmentalists. Education Sciences, 2019, 9, 284.	1.4	3
93	Development, environmental degradation, and disease spread in the Brazilian Amazon. PLoS Biology, 2019, 17, e3000526.	2.6	45
94	The Amazonia Third Way Initiative: The Role of Technology to Unveil the Potential of a Novel Tropical Biodiversity-Based Economy. , 0, , .		10

#	Article	IF	Citations
95	Regional hydro-climatic changes in the Southern Amazon Basin (Upper Madeira Basin) during the 1982â€“2017 period. Journal of Hydrology: Regional Studies, 2019, 26, 100637.	1.0	42
96	A Planetary Health Approach to Study Links Between Pollution and Human Health. Current Pollution Reports, 2019, 5, 394-406.	3.1	9
97	Amazon tipping point: Last chance for action. Science Advances, 2019, 5, eaba2949.	4.7	131
98	Curb land grabbing to save the Amazon. Nature Ecology and Evolution, 2019, 3, 1497-1497.	3.4	25
99	Assessing ecosystem service provision in a tropical region with high forest cover: Spatial overlap and the impact of land use change in AmapÃ¡, Brazil. Ecological Indicators, 2019, 99, 12-18.	2.6	22
100	Deforestation impacts network co-occurrence patterns of microbial communities in Amazon soils. FEMS Microbiology Ecology, 2019, 95, .	1.3	34
101	Massive tree mortality from flood pulse disturbances in Amazonian floodplain forests: The collateral effects of hydropower production. Science of the Total Environment, 2019, 659, 587-598.	3.9	61
102	The invasion of Artocarpus heterophyllus, jackfruit, in protected areas under climate change and across scales: from Atlantic Forest to a natural heritage private reserve. Biological Invasions, 2019, 21, 481-492.	1.2	3
103	Contrasting Northâ€“South changes in Amazon wet-day and dry-day frequency and related atmospheric features (1981â€“2017). Climate Dynamics, 2019, 52, 5413-5430.	1.7	119
104	Assessing the Possible Impacts of a 4 Â°C or Higher Warming in Amazonia. , 2019, , 201-218.		10
105	Green and socioeconomic infrastructures in the Brazilian Amazon: implications for a changing climate. Climate and Development, 2019, 11, 153-166.	2.2	7
106	The southern Amazon rainy season: The role of deforestation and its interactions with largeâ€scale mechanisms. International Journal of Climatology, 2020, 40, 2328-2341.	1.5	51
107	A climateâ€change vulnerability and adaptation assessment for Brazil's protected areas. Conservation Biology, 2020, 34, 427-437.	2.4	30
108	Future yields of double-cropping systems in the Southern Amazon, Brazil, under climate change and technological development. Agricultural Systems, 2020, 177, 102707.	3.2	43
110	Terrestrial water storage and Pacific SST affect the monthly water balance of ItacaiÃºnas River Basin (Eastern Amazonia). International Journal of Climatology, 2020, 40, 3021-3035.	1.5	7
111	A Bayesian network approach to modelling land-use decisions under environmental policy incentives in the Brazilian Amazon. Journal of Land Use Science, 2020, 15, 127-141.	1.0	13
112	The gathering firestorm in southern Amazonia. Science Advances, 2020, 6, eaay1632.	4.7	132
113	Small forest losses degrade stream macroinvertebrate assemblages in the eastern Brazilian Amazon. Biological Conservation, 2020, 241, 108263.	1.9	46

#	Article	IF	Citations
114	Climate and landâ€use change will lead to a faunal â€œsavannizationâ€•on tropical rainforests. Global Change Biology, 2020, 26, 7036-7044.	4.2	68
115	Threshold and Group Size Uncertainty in Common-pool Resources: An Experimental Study. Public Finance Review, 2020, 48, 751-777.	0.2	4
116	Hygric Niches for Tropical Endotherms. Trends in Ecology and Evolution, 2020, 35, 938-952.	4.2	41
117	Climate regime shift and forest loss amplify fire in Amazonian forests. Global Change Biology, 2020, 26, 5874-5885.	4.2	62
118	When nature goes digital: routes for responsible innovation. Journal of Responsible Innovation, 2020, 7, 342-360.	2.3	10
119	Fire and biodiversity in the Anthropocene. Science, 2020, 370, .	6.0	240
120	Deforestation Impacts on Orographic Precipitation in the Tropical Andes. Frontiers in Environmental Science, 2020, 8, .	1.5	4
121	Emerging arboviruses in the urbanized Amazon rainforest. BMJ, The, 2020, 371, m4385.	3.0	32
122	Sustainable Agroforestry Landscape Management: Changing the Game. Land, 2020, 9, 243.	1.2	37
123	Climate Change and Public Policies in the Brazilian Amazon State of Mato Grosso: Perceptions and Challenges. Sustainability, 2020, 12, 5093.	1.6	4
124	Ecological City-States in an Era of Environmental Disaster: Security, Climate Change and Biodiversity. Sustainability, 2020, 12, 5532.	1.6	3
125	Improvement in Satellite Image-Based Land Cover Classification with Landscape Metrics. Remote Sensing, 2020, 12, 3580.	1.8	25
126	Future climate impacts on the hydrology of headwater streams in the Amazon River Basin: Implications for migratory goliath catfishes. Hydrological Processes, 2020, 34, 5402-5416.	1.1	8
127	The effect of environmental change on out-migration in the Brazilian Amazon rainforest. Population and Environment, 2020, 42, 183-218.	1.3	7
128	A simulation method to infer tree allometry and forest structure from airborne laser scanning and forest inventories. Remote Sensing of Environment, 2020, 251, 112056.	4.6	17
129	Evapotranspiration and Precipitation over Pasture and Soybean Areas in the Xingu River Basin, an Expanding Amazonian Agricultural Frontier. Agronomy, 2020, 10, 1112.	1.3	7
130	Rapid Recent Deforestation Incursion in a Vulnerable Indigenous Land in the Brazilian Amazon and Fire-Driven Emissions of Fine Particulate Aerosol Pollutants. Forests, 2020, 11, 829.	0.9	40
131	Priorities for governing large-scale infrastructure in the tropics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21829-21833.	3.3	16

#	Article	IF	Citations
132	Early Warning from Space for a Few Key Tipping Points in Physical, Biological, and Social-Ecological Systems. Surveys in Geophysics, 2020, 41, 1237-1284.	2.1	16
133	Long-term forest degradation surpasses deforestation in the Brazilian Amazon. Science, 2020, 369, 1378-1382.	6.0	175
134	Wetland Fire Scar Monitoring and Its Response to Changes of the Pantanal Wetland. Sensors, 2020, 20, 4268.	2.1	12
135	Soil Physical Quality and Relationship to Changes in Termite Community in Northwestern Colombian Amazon. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	9
136	A Quantitative Estimation of the Effects of Measures to Counter Climate Change on Well-Being: Focus on Non-Use of Air Conditioners as a Mitigation Measure in Japan. Sustainability, 2020, 12, 8694.	1.6	0
137	Assessing the future conservation potential of the Amazon and Andes Protected Areas: Using the woolly monkey (Lagothrix lagothricha) as an umbrella species. Journal for Nature Conservation, 2020, 58, 125926.	0.8	11
138	Uncertainty of runoff sensitivity to climate change in the Amazon River basin. Annals of the New York Academy of Sciences, 2021, 1504, 76-94.	1.8	3
139	Attribution of Amazon floods to modes of climate variability: A review. Meteorological Applications, 2020, 27, e1949.	0.9	18
140	Perception of Natureâ€™s Contributions to People in Rural Communities in the Eastern Amazon. Sustainability, 2020, 12, 7665.	1.6	5
141	Amazon wildfires: Scenes from a foreseeable disaster. Flora: Morphology, Distribution, Functional Ecology of Plants, 2020, 268, 151609.	0.6	75
142	Examining the sustainability and development challenge in agricultural-forest frontiers of the Amazon Basin through the eyes of locals. Natural Hazards and Earth System Sciences, 2020, 20, 797-813.	1.5	6
143	Rainfall control on Amazon sediment flux: synthesis from 20 years of monitoring. Environmental Research Communications, 2020, 2, 051008.	0.9	22
144	Niche overlap between two sympatric frugivorous Neotropical primates: improving ecological niche models using closely-related taxa. Biodiversity and Conservation, 2020, 29, 2749-2763.	1.2	9
145	Historical demography and climate driven distributional changes in a widespread Neotropical freshwater species with high economic importance. Ecography, 2020, 43, 1291-1304.	2.1	10
146	Discriminating Land Use and Land Cover Classes in Brazil Based on the Annual PROBA-V 100Âm Time Series. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3409-3420.	2.3	12
147	A better Amazon road network for people and the environment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7095-7102.	3.3	64
148	Floodâ€pulse disturbances as a threat for longâ€living Amazonian trees. New Phytologist, 2020, 227, 1790-1803.	3.5	28
149	Plant-Fire Interactions. Managing Forest Ecosystems, 2020, , .	0.4	20

#	Article	IF	Citations
150	Global Change, Pyrophysiology, and Wildfires. Managing Forest Ecosystems, 2020, , 177-197.	0.4	0
151	Fire as an Earth System Process. Managing Forest Ecosystems, 2020, , 31-51.	0.4	0
152	Impacts of climate change and deforestation on hydropower planning in the Brazilian Amazon. Nature Sustainability, 2020, 3, 430-436.	11.5	53
153	Marked decline in forest-dependent small mammals following habitat loss and fragmentation in an Amazonian deforestation frontier. PLoS ONE, 2020, 15, e0230209.	1.1	33
154	Hydroclimate of the Andes Part I: Main Climatic Features. Frontiers in Earth Science, 2020, 8, .	0.8	92
155	Observed and Projected Hydroclimate Changes in the Andes. Frontiers in Earth Science, 2020, 8, .	0.8	70
156	Action needed for staple crops in the Andean-Amazon foothills because of climate change. Mitigation and Adaptation Strategies for Global Change, 2020, 25, 1103-1127.	1.0	8
157	A shared perspective on managing Amazonian sustainableâ€use reserves in an era of megafires. Journal of Applied Ecology, 2020, 57, 2132-2138.	1.9	8
158	A generic macroscopic cellular automata model for land use change: The case of the DrÃ¢a valley. Ecological Complexity, 2020, 43, 100851.	1.4	12
159	The ghosts of forests past and future: deforestation and botanical sampling in the Brazilian Amazon. Ecography, 2020, 43, 979-989.	2.1	41
160	Palms and trees resist extreme drought in Amazon forests with shallow water tables. Journal of Ecology, 2020, 108, 2070-2082.	1.9	27
161	Thermal comfort and cooling strategies in the Brazilian Amazon. An assessment of the concept of fuel poverty in tropical climates.. Energy Policy, 2020, 139, 111256.	4.2	28
162	Impact of biomass burning on a metropolitan area in the Amazon during the 2015ÂEl NiÃ±o: The enhancement of carbon monoxide and levoglucosan concentrations. Environmental Pollution, 2020, 260, 114029.	3.7	14
163	Do protected areas hamper economic development of the Amazon region? An analysis of the relationship between protected areas and the economic growth of Brazilian Amazon municipalities. Land Use Policy, 2020, 92, 104473.	2.5	20
164	Evaluating spatial patterns in precipitation trends across the Amazon basin driven by land cover and global scale forcings. Theoretical and Applied Climatology, 2020, 140, 411-427.	1.3	47
165	Identifying and Quantifying the Abundance of Economically Important Palms in Tropical Moist Forest Using UAV Imagery. Remote Sensing, 2020, 12, 9.	1.8	24
166	Tropical tree sizeâ€“frequency distributions from airborne lidar. Ecological Applications, 2020, 30, e02154.	1.8	20
167	Effects of Amazon basin deforestation on regional atmospheric circulation and water vapor transport towards tropical South America. Climate Dynamics, 2020, 54, 4169-4189.	1.7	71

#	Article	IF	Citations
168	Sustainable land use and management research: a scientometric review. Landscape Ecology, 2020, 35, 2381-2411.	1.9	80
169	Multidecadal Changes in Wet Season Precipitation Totals Over the Eastern Amazon. Geophysical Research Letters, 2020, 47, e2020GL087478.	1.5	14
171	How motifs condition critical thresholds for tipping cascades in complex networks: Linking micro- to macro-scales. Chaos, 2020, 30, 043129.	1.0	18
172	Conserving the Amazon River Basin: The case study of the Yahuarcaca Lakes System in Colombia. Science of the Total Environment, 2020, 724, 138186.	3.9	5
173	Amazon Sediment Transport and Accumulation Along the Continuum of Mixed Fluvial and Marine Processes. Annual Review of Marine Science, 2021, 13, 501-536.	5.1	25
174	Land use and cover modeling as a tool for analyzing nature conservation policies â€“ A case study of JurÃ©ia-Itatins. Land Use Policy, 2021, 100, 104895.	2.5	16
175	From plots to policy: How to ensure longâ€term forest plot data supports environmental management in intact tropical forest landscapes. Plants People Planet, 2021, 3, 229-237.	1.6	6
176	Floating PV system as an alternative pathway to the amazon dam underproduction. Renewable and Sustainable Energy Reviews, 2021, 135, 110082.	8.2	33
177	Water balance partitioning for ecosystem service assessment. A case study in the Amazon. Ecological Indicators, 2021, 121, 107155.	2.6	20
178	Amazon deforestation enriches antibiotic resistance genes. Soil Biology and Biochemistry, 2021, 153, 108110.	4.2	16
179	The Indigenous Territories and Local Sustainable Development in the Amazon Region. , 2021, , 69-112.		1
180	A BIOECONOMIA COMO ALTERNATIVA COMPLEMENTAR AO MODELO DE DESENVOLVIMENTO DO AMAZONAS Bioeconomy as a complementary alternative to the Amazon development model. Informe Gepec, 0, 25, 46-65.	0.2	4
181	Edible Fruit Plant Species in the Amazon Forest Rely Mostly on Bees and Beetles as Pollinators. Journal of Economic Entomology, 2021, 114, 710-722.	0.8	14
182	Public Acceptance of GM Foods: A Global Perspective (1999â€“2019). , 2021, , 293-315.		6
183	Assessment of Land/Catchment Use and Degradation. , 2021, , 471-487.		0
184	The firewall between Cerrado and Amazonia: Interaction of temperature and fire govern seed recruitment in a Neotropical savanna. Journal of Vegetation Science, 2021, 32, .	1.1	2
185	Large-scale collective action to avoid an Amazon tipping point - key actors and interventions. Current Research in Environmental Sustainability, 2021, 3, 100048.	1.7	13
186	Climate change and climate variability. , 2021, , 53-68.		0

#	Article	IF	Citations
187	The Amazon Water Cycle: Perspectives from Water Budget Closure and Ocean Salinity. Journal of Climate, 2021, 34, 1439-1451.	1.2	4
188	Trends in Black Swift (Cypseloides niger) breeding phenology, productivity, and nest success in southwest Colorado, 1996â€“2017. Wilson Journal of Ornithology, 2021, 132, .	0.1	2
189	Entrepreneurship in Urban Jungles through High-Tech Vertical Farming. , 0, , .		2
190	Increased Amazon Basin wet-season precipitation and river discharge since the early 1990s driven by tropical Pacific variability. Environmental Research Letters, 2021, 16, 034033.	2.2	5
191	Carbon and Beyond: The Biogeochemistry of Climate in a Rapidly Changing Amazon. Frontiers in Forests and Global Change, 2021, 4, .	1.0	21
192	AnÃ¡lise do Albedo de SuperfÃcie da Palma de Ã³leo e Diferentes Usos e Coberturas do Solo no Leste da AmazÃ´nia. Revista Brasileira De Meteorologia, 2021, 36, 15-21.	0.2	0
193	On the Hydroclimate-Vegetation Relationship in the Southwestern Amazon During the 2000â€“2019 Period. Frontiers in Water, 2021, 3, .	1.0	10
194	Assessing precipitation extremes (1981â€“2018) and deep convective activity (2002â€“2018) in the Amazon region with CHIRPS and AMSU data. Climate Dynamics, 2021, 57, 827-849.	1.7	15
195	Perspectiva multissetorial da estrutura produtiva de RondÃ´nia. Research, Society and Development, 2021, 10, e28310414202.	0.0	0
196	Land cover change alters seasonal photosynthetic activity and transpiration of Amazon forest and Cerrado. Environmental Research Letters, 2021, 16, 054013.	2.2	2
197	Ronald Giere, Â¿semanticista? Una pregunta provocativa para el debate contemporÃ¡neo sobre la representaciÃ³n cientÃfica. ArtefaCToS Revista De Estudios Sobre La Ciencia Y La TecnologÃa, 2021, 10, 89-106.	0.1	0
198	Rainfall seasonality drives the spatiotemporal patterns of dung beetles in Amazonian forests in the arc of deforestation. Journal of Insect Conservation, 2021, 25, 453-463.	0.8	10
199	The Pulse of the Amazon: Fluxes of Dissolved Organic Carbon, Nutrients, and Ions From the World's Largest River. Global Biogeochemical Cycles, 2021, 35, e2020GB006895.	1.9	16
200	CO₂ physiological effect can cause rainfall decrease as strong as large-scale deforestation in the Amazon. Biogeosciences, 2021, 18, 2511-2525.	1.3	20
201	Land-Use System and Forest Floor Explain Prokaryotic Metacommunity Structuring and Spatial Turnover in Amazonian Forest-to-Pasture Conversion Areas. Frontiers in Microbiology, 2021, 12, 657508.	1.5	4
202	Quantifying relative contribution of land use change and climate change to streamflow alteration in the Bengawan Solo River, Indonesia. Hydrological Sciences Journal, 2021, 66, 1059-1068.	1.2	9
203	Sustainable development in the Legal Amazon: energy recovery from aÃ§aÃ-seeds. Biofuels, Bioproducts and Biorefining, 2021, 15, 1174-1189.	1.9	13
204	Deforestation and bird habitat loss in Colombia. Biological Conservation, 2021, 257, 109044.	1.9	20

#	Article	IF	Citations
205	No more double cropping in Mato Grosso, Brazil? Evaluating the potential impact of climate change on the profitability of farm systems. Agricultural Systems, 2021, 190, 103104.	3.2	4
206	Deforestation effects on Attalea palms and their resident Rhodnius, vectors of Chagas disease, in eastern Amazonia. PLoS ONE, 2021, 16, e0252071.	1.1	9
207	Worldwide Research on Land Use and Land Cover in the Amazon Region. Sustainability, 2021, 13, 6039.	1.6	29
208	Coherent Satellite Monitoring of the Water Cycle Over the Amazon. Part 1: Methodology and Initial Evaluation. Water Resources Research, 2021, 57, e2020WR028647.	1.7	4
209	AnÃ¡lise da produÃ§Ã£o cientÃfica sobre a tecnologia e a inovaÃ§Ã£o no agronegÃ³cio. Research, Society and Development, 2021, 10, e59210515933.	0.0	0
210	Drought sensitivity of pastures related to soil and landform in the eastern Amazon. Journal of Applied Remote Sensing, 2021, 15, .	0.6	2
211	Sustainable Management, Conservation, and Restoration of the Amazon River Delta and Amazon-Influenced Guianas Coast: A Review. Water (Switzerland), 2021, 13, 1371.	1.2	12
212	Evaluating the impacts of land use/land cover changes across topography against land surface temperature in Cameron Highlands. PLoS ONE, 2021, 16, e0252111.	1.1	26
213	Deforestation reduces rainfall and agricultural revenues in the Brazilian Amazon. Nature Communications, 2021, 12, 2591.	5.8	122
214	The Latent Dirichlet Allocation model with covariates (LDAcov): A case study on the effect of fire on species composition in Amazonian forests. Ecology and Evolution, 2021, 11, 7970-7979.	0.8	2
215	Sensitivity of Tropical Insectivorous Birds to the Anthropocene: A Review of Multiple Mechanisms and Conservation Implications. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	21
216	Climatology of Air Temperature in Belterra: Thermal Regulation Ecosystem Services Provided by the TapajÃ³s National Forest in the Amazon. Revista Brasileira De Meteorologia, 2021, 36, 327-337.	0.2	4
217	Temporal Variability of Airâ€Sea CO₂ flux in the Western Tropical North Atlantic Influenced by the Amazon River Plume. Global Biogeochemical Cycles, 2021, 35, e2020GB006798.	1.9	6
218	Climate-induced hysteresis of the tropical forest in a fire-enabled Earth system model. European Physical Journal: Special Topics, 2021, 230, 3153-3162.	1.2	4
219	AvaliaÃ§Ã£o do BalanÃ§o de Ã¡gua na Bacia do Rio Madeira Simulado Pelo Modelo Regional ClimÃ¡tico Eta e o Modelo HidrolÃ³gico de Grandes Bacias MGB. Revista Brasileira De Meteorologia, 2021, 36, 153-169.	0.2	4
221	Environmental degradation of indigenous protected areas of the Amazon as a slow onset event. Current Opinion in Environmental Sustainability, 2021, 50, 260-271.	3.1	8
222	Interacting tipping elements increase risk of climate domino effects under global warming. Earth System Dynamics, 2021, 12, 601-619.	2.7	227
223	Modelling nonlinear dynamics of interacting tipping elements on complex networks: the PyCascades package. European Physical Journal: Special Topics, 2021, 230, 3163-3176.	1.2	8

#	Article	IF	Citations
224	TRANSMUTED EXPLORATION IN EFFECTIVE DEVELOPMENT FOR THE AMAZON. International Journal for Innovation Education and Research, 2021, 9, 312-327.	0.0	0
225	Isolating Largeâ€Scale Smoke Impacts on Cloud and Precipitation Processes Over the Amazon With Convection Permitting Resolution. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034615.	1.2	9
226	Spatio-temporal patterns of extreme fires in Amazonian forests. European Physical Journal: Special Topics, 2021, 230, 3033-3044.	1.2	8
227	Amazonia as a carbon source linked to deforestation and climate change. Nature, 2021, 595, 388-393.	13.7	371
228	Detecting vulnerability of humid tropical forests to multiple stressors. One Earth, 2021, 4, 988-1003.	3.6	41
229	Taming Gaia 2.0: Earth system law in the ruptured Anthropocene. Infrastructure Asset Management, 2022, 9, 411-424.	1.2	11
230	Beyond Deforestation: Carbon Emissions From Land Grabbing and Forest Degradation in the Brazilian Amazon. Frontiers in Forests and Global Change, 2021, 4, .	1.0	23
231	A Scale Sequence Object-based Convolutional Neural Network (SS-OCNN) for crop classification from fine spatial resolution remotely sensed imagery. International Journal of Digital Earth, 2021, 14, 1528-1546.	1.6	14
232	O desmatamento da AmazÃ´nia brasileira sob o prisma da pecuÃ¡ria: a degradaÃ§Ã£o dos recursos hÃdricos no contexto da regiÃ£o norte de Mato Grosso. Research, Society and Development, 2021, 10, e66101119252.	0.0	3
234	Exploring machine learning techniques to predict deforestation to enhance the decisionâ€making of road construction projects. Journal of Industrial Ecology, 2022, 26, 225-239.	2.8	10
235	Low forest-loss thresholds threaten Amazonian fish and macroinvertebrate assemblage integrity. Ecological Indicators, 2021, 127, 107773.	2.6	32
236	Changes of Phylogenetic and Taxonomic Diversity of Odonata (Insecta) in Response to Land Use in Amazonia. Forests, 2021, 12, 1061.	0.9	5
238	The Impact of Regional Climate Change on Hydroelectric Resources in South America. Renewable Energy, 2021, 173, 76-91.	4.3	25
239	Climate Change, Public Insecurity and Law: Conflicts Over Water Resources in the Brazilian Context. Environmental Policy and Law, 2021, 51, 211-222.	0.2	1
240	Recent changes in the atmospheric circulation patterns during the dry-to-wet transition season in south tropical South America (1979-2020): Impacts on precipitation and fire season. Journal of Climate, 2021, , 1-56.	1.2	16
241	Whiptail lizard lineage delimitation and population expansion as windows into the history of Amazonian open ecosystems. Systematics and Biodiversity, 2021, 19, 957-975.	0.5	2
242	Response of central Amazon rainforest soil seed banks to climate change - Simulation of global warming. Forest Ecology and Management, 2021, 493, 119224.	1.4	3
243	No-till alley cropping using leguminous trees biomass: a farmer- and eco-friendly sustainable alternative to shifting cultivation in the Amazonian periphery?. Environment, Development and Sustainability, 0, , 1.	2.7	2

#	Article	IF	Citations
244	Chinaâ€™s carbon emissions in Brazil. Science, 2021, 373, 1209-1210.	6.0	2
245	Reassessing the role of cattle and pasture in Brazil's deforestation: A response to â€œFire, deforestation, and livestock: When the smoke clearsâ€. Land Use Policy, 2021, 108, 105195.	2.5	17
246	Government policies endanger the indigenous peoples of the Brazilian Amazon. Land Use Policy, 2021, 108, 105663.	2.5	27
247	Drought Resilience Debt Drives NPP Decline in the Amazon Forest. Global Biogeochemical Cycles, 2021, 35, e2021GB007004.	1.9	12
248	The Role of the Rainfall Variability in the Decline of the Surface Suspended Sediment in the Upper Madeira Basin (2003â€“2017). Frontiers in Water, 2021, 3, .	1.0	3
249	Indigenous knowledge and the shackles of wilderness. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	123
250	Climate change and deforestation increase the vulnerability of Amazonian forests to postâ€fire grass invasion. Global Ecology and Biogeography, 2021, 30, 2368-2381.	2.7	5
251	Amazon rainforest deforestation influenced by clandestine and regular roadway network. Land Use Policy, 2021, 108, 105510.	2.5	9
252	Blockchain for sustainable e-agriculture: Literature review, architecture for data management, and implications. Journal of Cleaner Production, 2021, 316, 128254.	4.6	47
253	Time to integrate global climate change and biodiversity scienceâ€policy agendas. Journal of Applied Ecology, 2021, 58, 2384-2393.	1.9	72
254	The politics behind scientific knowledge: Sustainable forest management in Latin America. Forest Policy and Economics, 2021, 131, 102543.	1.5	4
255	Deforestation and climate change are projected to increase heat stress risk in the Brazilian Amazon. Communications Earth & Environment, 2021, 2, .	2.6	50
256	Spatiotemporal variation of enhanced vegetation index in the Amazon Basin and its response to climate change. Physics and Chemistry of the Earth, 2021, 123, 103024.	1.2	17
257	Forest fragmentation and its potential implications for the management of the TarumÃ£-AÃ§u River basin, Central Amazon, Brazil. Brazilian Journal of Environmental Sciences (Online), 2021, 56, 209-222.	0.1	0
258	Domesticated Nature: The Culturally Constructed Niche of Humanity. , 2020, , 35-51.		12
259	Close to a Tipping Point? The Amazon and the Challenge of Sustainable Development under Growing Climate Pressures. Journal of Latin American Studies, 2020, 52, 467-494.	0.1	9
260	When will the Amazon hit a tipping point?. Nature, 2020, 578, 505-507.	13.7	75
261	Basin stability and limit cycles in a conceptual model for climate tipping cascades. New Journal of Physics, 2020, 22, 123031.	1.2	13

#	Article	IF	Citations
262	Amazonian biogenic volatile organic compounds under global change. Global Change Biology, 2020, 26, 4722-4751.	4.2	38
263	Changes in South American hydroclimate under projected Amazonian deforestation. Annals of the New York Academy of Sciences, 2020, 1472, 104-122.	1.8	27
264	Mapping human vulnerability to climate change in the Brazilian Amazon: The construction of a municipal vulnerability index. PLoS ONE, 2018, 13, e0190808.	1.1	39
265	Thermal physiology of Amazonian lizards (Reptilia: Squamata). PLoS ONE, 2018, 13, e0192834.	1.1	31
266	Asymmetries of cattle and crop productivity and efficiency during Brazilâ€™s agricultural expansion from 1975 to 2006. Elementa, 2018, 6, .	1.1	13
267	Technology Perspectives and Innovative Scenarios Applied in the Amazon Region. RAC: Revista De AdministraÃ§Ã£o ContemporÃ¢nea, 2019, 23, 607-618.	0.1	3
268	Esbozo de una nueva polÃtica forestal peruana. Revista Forestal Del PerÃº, 2019, 34, 4.	0.2	5
269	Patterns of biodiversity response along a gradient of forest use in Eastern Amazonia, Brazil. PeerJ, 2020, 8, e8486.	0.9	7
270	Adaptive Management Strategies of Local Communities in Two Amazonian Floodplain Ecosystems in the Face of Extreme Climate Events. Journal of Ethnobiology, 2021, 41, 409-427.	0.8	7
271	Analysis of how the spatial and temporal patterns of fire and their bioclimatic and anthropogenic drivers vary across the Amazon rainforest in El NiÃ±o and non-El NiÃ±o years. PeerJ, 2021, 9, e12029.	0.9	8
272	Biome Awareness Disparity is BAD for tropical ecosystem conservation and restoration. Journal of Applied Ecology, 2022, 59, 1967-1975.	1.9	38
273	Response of Amazonian forests to midâ€Holocene drought: A modelâ€data comparison. Global Change Biology, 2022, 28, 201-226.	4.2	4
274	Rural landscapes and agrarian spaces under soybean expansion dynamics: a case study of the SantarÃ©m region, Brazilian Amazonia. Regional Environmental Change, 2021, 21, 1.	1.4	2
275	Active Fire Dynamics in the Amazon: New Perspectives From Highâ€Resolution Satellite Observations. Geophysical Research Letters, 2021, 48, e2021GL093789.	1.5	8
276	Forest frontiers out of control: The long-term effects of discourses, policies, and markets on conservation and development of the Brazilian Amazon. Ambio, 2021, 50, 2199-2223.	2.8	5
277	Impacts of forestation on the annual and seasonal water balance of a tropical catchment under climate change. Forest Ecosystems, 2021, 8, .	1.3	3
278	Minimum trends in air temperature in the municipality of Porto Velho - RO from 1971 to 2016. Revista EletrÃ´nica Em GestÃ£o EducaÃ§Ã£o E Tecnologia Ambiental, 0, 23, 39.	0.0	0
279	PROGRAMAS DE COMPLIANCE E A RESPONSABILIDADE DA EMPRESA NA FASE DE PÃ“S-CONSUMO DE LIXO ELETRÃ”NICO. Veredas Do Direito, 2019, 16, 271-295.	0.1	0

#	Article	IF	Citations
281	SDG 9: Industry, Innovation and Infrastructure â€“ Anticipating the Potential Impacts on Forests and Forest-Based Livelihoods. , 2019, , 279-314.		7
283	Modos de troca cognitiva no campo. TECCOGS Revista Digital De Tecnologias Cognitivas, 2020, , .	0.0	1
284	Complexidade Moriniana e as policrises da COVID-19: por uma educaÃ§Ã£o humanizadora frente Ã crise planetÃ¡ria. Revista Brasileira De EducaÃ§Ã£o Ambiental (RevBEA), 2020, 15, 402-426.	0.1	2
285	Cartographie des concepts sociÃ©tÃ© et forÃªt tropicale: une perspective de ces cinq derniÃ¨res annÃ©es. Geografia Em Atos (Online), 2020, 3, 61-77.	0.0	0
287	Deforestation impacts on Amazon-Andes hydroclimatic connectivity. Climate Dynamics, 2022, 58, 2609-2636.	1.7	27
288	As trÃªs emergÃªncias que nossa sociedade enfrenta: saÃºde, biodiversidade e mudanÃ§as climÃ¡ticas. Estudos Avancados, 2020, 34, 53-66.	0.2	15
289	Contested Concepts, Cultures of Knowledge, and the Chimera of Change. , 2021, , 229-279.		0
291	Challenges and Opportunities of International University Partnerships to Support Water Management. Journal of Contemporary Water Research and Education, 2020, 171, 1-8.	0.7	0
292	Landsat near-infrared (NIR) band and ELM-FATES sensitivity to forest disturbances and regrowth in the Central Amazon. Biogeosciences, 2020, 17, 6185-6205.	1.3	7
293	A changing Amazon rainforest: Historical trends and future projections under post-Paris climate scenarios. Global and Planetary Change, 2020, 195, 103328.	1.6	11
294	Policy sequencing to reduce tropical deforestation. Global Sustainability, 2021, 4, .	1.6	12
295	Large-Scale Collective Action to Avoid an Amazon Tipping Point â€“ Key Actors and Interventions. SSRN Electronic Journal, 0, , .	0.4	0
296	Ecological risk assessment of pesticides in urban streams of the Brazilian Amazon. Chemosphere, 2022, 291, 132821.	4.2	26
297	Legal Amazon, sustainable use and environmental surveillance â€œsystemsâ€: historical legacy and future prospects. Brazilian Journal of Environmental Sciences (Online), 2021, 56, 49-64.	0.1	0
298	Eventos PaleoclimÃ¡ticos de El NiÃ±os, La NiÃ±as e Neutros no PacÃfico Tropical e de PrecipitaÃ§Ã£o no Sudoeste e Leste da AmazÃ´nia. Revista Brasileira De Meteorologia, 2020, 35, 477-484.	0.2	0
299	Circular Economy in Brazil. , 2021, , 459-496.		0
300	Opportunities of the Nagoya Protocol to nurture the use of native species in Brazil. Environmental Science and Policy, 2022, 127, 321-324.	2.4	5
301	Farmersâ€™ perceptions and spatial statistical modeling of most systematic LULC transitions: Drivers and livelihood implications in Awash Basin, Ethiopia. Remote Sensing Applications: Society and Environment, 2022, 25, 100661.	0.8	5

#	Article	IF	Citations
302	A regional view of the linkages between hydroâ€climatic changes and deforestation in the Southern Amazon. International Journal of Climatology, 2022, 42, 3757-3775.	1.5	8
303	Analysis of Factors Influencing Forest Loss in South Korea: Statistical Models and Machine-Learning Model. Forests, 2021, 12, 1636.	0.9	7
304	Three Decades after: Landscape Dynamics in Different Colonisation Models Implemented in the Brazilian Legal Amazon. Remote Sensing, 2021, 13, 4581.	1.8	1
305	The effects of Amazon deforestation on non-timber forest products. Regional Environmental Change, 2021, 21, 1.	1.4	11
306	Spatio-temporal variation in dry season determines the Amazonian fire calendar. Environmental Research Letters, 2021, 16, 125009.	2.2	11
307	Legal and regulatory barriers to CO2 geological storage in Brazil: Lessons from the European Union. , 2021, , 263-283.		0
308	Influence of isolated interannual and decadal scales on the water balance of the Amazon basin. Climate Research, 0, , .	0.4	1
309	Increased climate pressure on the agricultural frontier in the Eastern Amazoniaâ€“Cerrado transition zone. Scientific Reports, 2022, 12, 457.	1.6	43
310	Design and techno-economic analysis of a hybrid system for energy supply in a wastewater treatment plant: A decentralized energy strategy. Journal of Environmental Management, 2022, 305, 114389.	3.8	7
311	Impact of exposure to smoke from biomass burning in the Amazon rain forest on human health. Jornal Brasileiro De Pneumologia, 2021, 47, e20210219.	0.4	5
312	Deforestation triggering irreversible transition in Amazon hydrological cycle. Environmental Research Letters, 2022, 17, 034037.	2.2	22
313	Investigating Changes Driving Cumulative Impacts on Native Vegetation in Mining Regions in the Northeastern Brazilian Amazon. Environmental Management, 2022, 69, 438-448.	1.2	2
314	Exploring Virome Diversity in Public Data in South America as an Approach for Detecting Viral Sources From Potentially Emerging Viruses. Frontiers in Genetics, 2021, 12, 722857.	1.1	2
315	Fires Drive Long-Term Environmental Degradation in the Amazon Basin. Remote Sensing, 2022, 14, 338.	1.8	14
316	Stem respiration and growth in a central Amazon rainforest. Trees - Structure and Function, 2022, 36, 991-1004.	0.9	2
317	High-fidelity representation of climate variations by Amburana cearensis tree-ring chronologies across a tropical forest transition in South America. Dendrochronologia, 2022, 72, 125932.	1.0	2
318	Climate change-related risks and adaptation potential in Central and South America during the 21st century. Environmental Research Letters, 2022, 17, 033002.	2.2	27
319	Variability, Trend, and Extremes of the South American Vegetationâ€Climate System: Results From a Coupled Regional Model. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	0

#	Article	IF	Citations
320	Priority areas for restoration in permanent preservation areas of rural properties in the Brazilian Amazon. Land Use Policy, 2022, 115, 106030.	2.5	3
321	Post-fire ecological restoration in Latin American forest ecosystems: Insights and lessons from the last two decades. Forest Ecology and Management, 2022, 509, 120083.	1.4	14
322	Identity and Environment: Historical Trajectories of â€˜Traditionalâ€™ Communities in the Protection of the Brazilian Amazon. World Sustainability Series, 2021, , 233-248.	0.3	2
323	Uncertainty, Complexity and Constraints: How Do We Robustly Assess Biological Responses under a Rapidly Changing Climate?. Climate, 2021, 9, 177.	1.2	13
324	Transpiration of Swartzia tomentifera in response to microclimatic variability in the central Amazon: the net effect of vapor pressure dÃ©ficit. Cerne, 0, 27, .	0.9	2
325	Tropical Forests and Water Security in South America: Deforestation Trends, Drivers, and Solutions for Water Suppliers and Regulators. , 2022, , .		1
326	Forest fragmentation impacts the seasonality of Amazonian evergreen canopies. Nature Communications, 2022, 13, 917.	5.8	20
327	Public and Private Sector to Zero Deforestation Commitmen in South Sumatra. Journal of Natural Resources and Environmental Management, 2021, 11, 638-652.	0.0	1
328	Acaulescence promotes speciation and shapes the distribution patterns of palms in Neotropical seasonally dry habitats. Ecography, 2022, 2022, .	2.1	2
329	Conservation opportunities and challenges in Brazilâ€™s roadless and railroad-less areas. Science Advances, 2022, 8, eabi5548.	4.7	10
330	The Effects of Environmental Changes on Plant Species and Forest Dependent Communities in the Amazon Region. Forests, 2022, 13, 466.	0.9	12
331	The Unseen Effects of Deforestation: Biophysical Effects on Climate. Frontiers in Forests and Global Change, 2022, 5, .	1.0	77
332	Intensification of fire regimes and forest loss in the TerritÃ³rio IndÃgena do Xingu. Environmental Research Letters, 2022, 17, 045012.	2.2	8
333	Does Decentralized and Voluntary Commitment Reduce Deforestation? The Effects of Programa MunicÃpios Verdes. Environmental and Resource Economics, 2022, 82, 65-100.	1.5	1
334	Effects of Increased Drought in Amazon Forests Under Climate Change: Separating the Roles of Canopy Responses and Soil Moisture. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	2
335	Habitat Quality, Not Patch Size, Modulates Lizard Responses to Habitat Loss and Fragmentation in the Southwestern Amazon. Journal of Herpetology, 2022, 56, .	0.2	5
336	Connections among Land Use, Water Quality, Biodiversity of Aquatic Invertebrates, and Fish Behavior in Amazon Rivers. Toxics, 2022, 10, 182.	1.6	1
337	Soil carbon and microbes in the warming tropics. Functional Ecology, 2022, 36, 1338-1354.	1.7	8

#	Article	IF	Citations
338	Projections of rainfall erosivity in climate change scenarios for the largest watershed within Brazilian territory. Catena, 2022, 213, 106225.	2.2	7
339	Global simulation of fine resolution land use/cover change and estimation of aboveground biomass carbon under the shared socioeconomic pathways. Journal of Environmental Management, 2022, 312, 114943.	3.8	12
340	Increased soil moisture intensifies the impacts of forest-to-pasture conversion on methane emissions and methane-cycling communities in the Eastern Amazon. Environmental Research, 2022, 212, 113139.	3.7	15
341	A Mass Balance Approach in Sediment Budgeting of Large Alluvial Rivers with special emphasis on the Brahmaputra in Assam. Journal of Indian Association of Sedimentologists, 2021, 38, 15-24.	0.1	1
342	Community-level responses to extreme flooding: the case of Brazilian Amazon ribeirinhos. Climate and Development, 0, , 1-13.	2.2	0
343	Fires in Amazonian Blackwater Floodplain Forests: Causes, Human Dimension, and Implications for Conservation. Frontiers in Forests and Global Change, 2021, 4, .	1.0	3
344	Knowledge Mapping of Research on Land Use Change and Food Security: A Visual Analysis Using CiteSpace and VOSviewer. International Journal of Environmental Research and Public Health, 2021, 18, 13065.	1.2	40
345	Anthropogenic pressures coincide with Neotropical biodiversity hotspots in a flagship butterfly group. Diversity and Distributions, 2022, 28, 2912-2930.	1.9	18
346	Alteration of River Flow and Flood Dynamics by Existing and Planned Hydropower Dams in the Amazon River Basin. Water Resources Research, 2022, 58, .	1.7	20
347	Deforestation-induced climate change reduces carbon storage in remaining tropical forests. Nature Communications, 2022, 13, 1964.	5.8	41
348	LULC zoning in the â€œMadeira riverâ€•settlement, legal Amazon, Brazil, before and after implementation of the rural environmental registry (CAR) (2008-2018). Environmental Development, 2022, , 100725.	1.8	1
358	Evaluating atmospheric mercury (Hg) uptake by vegetation in a chemistry-transport model. Environmental Sciences: Processes and Impacts, 2022, 24, 1303-1318.	1.7	13
359	How Might Climate Change Affect the Ethology and Behavioral Ecology of Dugongs and Manatees?. Ethology and Behavioral Ecology of Marine Mammals, 2022, , 351-406.	0.4	2
360	Severe Biomass-Burning Aerosol Pollution during the 2019 Amazon Wildfire and Its Direct Radiative-Forcing Impact: A Space Perspective from MODIS Retrievals. Remote Sensing, 2022, 14, 2080.	1.8	6
361	Asymmetrical cooling effects of Amazonian protected areas across spatiotemporal scales. Environmental Research Letters, 2022, 17, 054038.	2.2	1
363	Early impacts of the largest Amazonian hydropower project on fish communities. Science of the Total Environment, 2022, 838, 155951.	3.9	15
364	Global change and physiological challenges for fish of the Amazon today and in the near future. Journal of Experimental Biology, 2022, 225, .	0.8	2
365	Minimum costs to conserve 80% of the Brazilian Amazon. Perspectives in Ecology and Conservation, 2022, 20, 216-222.	1.0	3

#	Article	IF	Citations
366	Governing the diverse forest: Polycentric climate governance in the Amazon. World Development, 2022, 157, 105955.	2.6	2
367	Conflicts over Land as a Risk for Social-Ecological Resilience: A Transnational Comparative Analysis in the Southwestern Amazon. Sustainability, 2022, 14, 6520.	1.6	6
368	Human Activity Behind the Unprecedented 2020 Wildfire in Brazilian Wetlands (Pantanal). Frontiers in Environmental Science, 0, 10, .	1.5	4
369	National policies encounter municipal realities: A critical analysis of the outcomes of the List of Priority Municipalities in curbing deforestation in the Brazilian Amazon. World Development, 2022, 158, 106004.	2.6	4
370	Methodological Approach to Analyze Predictive Behavior of Alluvial Gold Mining Expansion in the Peruvian Amazon Using a Machine Learning Approach. SSRN Electronic Journal, 0, , .	0.4	0
371	Global Land-Use Development Trends: Traditional Cultural Landscapes Under Threat. Landscape Series, 2022, , 129-199.	0.1	2
372	Updated nationally determined contributions collectively raise ambition levels but need strengthening further to keep Paris goals within reach. Mitigation and Adaptation Strategies for Global Change, 2022, 27, .	1.0	32
373	Global/Regional Impacts on Present and Near-Future Climate Regimes in the Metropolitan Region of BelÃ©m, Eastern Amazon. Atmosphere, 2022, 13, 1077.	1.0	3
374	Tropical forests as drivers of lake carbon burial. Nature Communications, 2022, 13, .	5.8	5
375	Contributions to the knowledge of the dung beetles (Scarabaeidae: Scarabaeinae) of southwestern Brazilian Amazon: list of species and conservation implications. Studies on Neotropical Fauna and Environment, 0, , 1-15.	0.5	2
376	Improving Deforestation Detection on Tropical Rainforests Using Sentinel-1 Data and Convolutional Neural Networks. Remote Sensing, 2022, 14, 3290.	1.8	8
377	Deforestation, forest degradation, and land use dynamics in the Northeastern Ecuadorian Amazon. Applied Geography, 2022, 145, 102749.	1.7	12
378	The geodiversity of Lefo and Santa-Mbu Calderas (Bamenda Mountains, Cameroon Volcanic Line): Factor for socioeconomic activities. International Journal of Geoheritage and Parks, 2022, , .	2.0	0
379	Recurrent droughts increase risk of cascading tipping events by outpacing adaptive capacities in the Amazon rainforest. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
380	Collection of native <scp>Theobroma cacao</scp> L. accessions from the Ecuadorian Amazon highlights a hotspot of cocoa diversity. Plants People Planet, 2022, 4, 605-617.	1.6	8
381	Protection gaps in Amazon floodplains will increase with climate change: Insight from the world's largest scaled freshwater fish. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 1830-1841.	0.9	2
382	Sulfuric acid in the Amazon basin: measurements and evaluation of existing sulfuric acid proxies. Atmospheric Chemistry and Physics, 2022, 22, 10061-10076.	1.9	0
383	Agribusiness and environmental conservation in tropical forests in the eastern Amazon. Sustainable Production and Consumption, 2022, 33, 863-874.	5.7	0

#	Article	IF	Citations
384	Functional fluvial landforms of the Pantanal: Hydrologic trends and responses to climate changes. Journal of South American Earth Sciences, 2022, 119, 103977.	0.6	1
385	Exceeding 1.5Â°C global warming could trigger multiple climate tipping points. Science, 2022, 377, .	6.0	562
386	Global progress in climate change and biodiversity conservation research. Global Ecology and Conservation, 2022, 38, e02272.	1.0	11
387	Cutting Down Trees Does not Build Prosperity: On the Continued Decoupling of Amazon Deforestation and Economic Development in 21st Century Brazil. Tropical Conservation Science, 2022, 15, 194008292211321.	0.6	1
388	Water scarcity in megacities of the Asian continent. Current Directions in Water Scarcity Research, 2022, , 299-317.	0.2	1
389	Evaluation of the CMIP6 Performance in Simulating Precipitation in the Amazon River Basin. Climate, 2022, 10, 122.	1.2	9
390	Primate conservation in the Arc of Deforestation: a case study of Vieira's titi monkey Plecturocebus vieirai. Oryx, 2022, 56, 837-845.	0.5	7
391	A comprehensive analysis of observed and projected climate extremes of temperature and precipitation in Belo Monte Hydropower Plant â€•eastern Amazon, Brazil. International Journal of Climatology, 0, , .	1.5	1
392	Planform Dynamics and Cut-Off Processes in the Lower Ucayali River, Peruvian Amazon. Water (Switzerland), 2022, 14, 3059.	1.2	4
393	Early Anthropogenic Impacts on the Indian Summer Monsoon Induced by Landâ€Use and Landâ€Cover Changes. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	0
394	Climate and land management accelerate the Brazilian water cycle. Nature Communications, 2022, 13, .	5.8	38
395	Assessing the driving forces of Guinea savanna transition using geospatial technology and machine learning in Old Oyo National Park, Nigeria. Geocarto International, 2024, 37, 17242-17259.	1.7	1
396	Using population surveys and models to reassess the conservation status of an endemic Amazonian titi monkey in a deforestation hotspot. Oryx, 2022, 56, 846-853.	0.5	2
397	Genetic analyses provide new insight on the mating strategies of the American Black Swift () Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	0
398	How vegetation classification and mapping may influence conservation: The example of Brazilâ€™s Native Vegetation Protection Law. Land Use Policy, 2022, 122, 106380.	2.5	4
399	Time Series Analysis of Bindi Dheraja Riverine Forest of Sukkar, Sindh, Pakistan using Remote Sensing. , 2021, , .		0
400	Ä°KLÄ°M DEÄžÄ°ÅžÄ°KLÄ°ÄžÄ° VE SÃœRDÃœRÃœLEBÄ°LÄ°R KALKINMA: SCOPUS VERÄ° TABANINA DAYALI BÄ°BLÄ°YOMETRÄ°K BÄ°R University Journal of Social Sciences Institute, 0, , .	0.0	0
401	Land Use and Land Cover in Tropical Forest: Global Research. Forests, 2022, 13, 1709.	0.9	7

#	Article	IF	Citations
402	Not Just Carbon: Capturing All the Benefits of Forests for Stabilizing the Climate from Local to Global Scales. , 0, , .		5
403	Sustainability in anaesthesia and critical care: beyond carbon. BJA Education, 2022, 22, 456-465.	0.6	6
405	Matrix representation of lateral soil movements: scaling and calibrating CE-DYNAM (v2) at a continental level. Geoscientific Model Development, 2022, 15, 7835-7857.	1.3	3
406	Agriculture 4.0 and climate change in Brazil. Ambiente & Sociedade, 0, 25, .	0.5	0
407	How Can the Water-Energy-Food Nexus Approach Contribute to Enhancing the Resilience of Amazonian Cities to Climate Change?. Sustainable Development Goals Series, 2022, , 77-92.	0.2	1
408	The butterflies of Cristalino Lodge, in the Brazilian southern Amazonia: An updated species list with a significant contribution from citizen science. Biota Neotropica, 2022, 22, .	0.2	2
409	Agricultura 4.0 e mudanÃ§as climÃ¡ticas no Brasil. Ambiente & Sociedade, 0, 25, .	0.5	0
410	Deforestation and fires in the Brazilian Amazon from 2001 to 2020: Impacts on rainfall variability and land surface temperature. Journal of Environmental Management, 2023, 326, 116664.	3.8	19
411	An index to measure the sustainability of place-based development pathways. Ecological Economics, 2023, 204, 107645.	2.9	1
412	Modelling and Assessing the Spatiotemporal Changes to Future Land Use Change Scenarios Using Remote Sensing and CA-Markov Model in the Mellegue Catchment. Journal of the Indian Society of Remote Sensing, 2023, 51, 9-29.	1.2	19
413	Human activities and zoonotic epidemics: a two-way relationship. The case of the COVID-19 pandemic. Global Sustainability, 2022, 5, .	1.6	1
414	Distinct physiological mechanisms underpin growth and rehydration of Hymenaea courbaril and Hymenaea stigonocarpa upon short-term exposure to drought stress. Journal of Forestry Research, 2023, 34, 113-123.	1.7	16
415	Implications of Earth system tipping pathways for climate change mitigation investment. Discover Sustainability, 2022, 3, .	1.4	0
416	Can we avert an Amazon tipping point? The economic and environmental costs. Environmental Research Letters, 2022, 17, 125005.	2.2	4
417	Climate change mitigation and SDGs: modelling the regional potential of promising mitigation measures and assessing their impact on other SDGs. Journal of Integrative Environmental Sciences, 2022, 19, 289-314.	1.0	1
418	Effect of urbanization on energy balance and evapotranspiration in an Amazonâ€“Cerrado transition region in Brazil. Journal of Applied Remote Sensing, 2022, 16, .	0.6	0
419	Soil mycobiome in sustainable agriculture. Frontiers in Microbiology, 0, 13, .	1.5	8
420	Governance lessons from the Atlantic Forest to the conservation of the Amazon. Perspectives in Ecology and Conservation, 2023, 21, 1-5.	1.0	1

#	Article	IF	Citations
421	Abrupt loss and uncertain recovery from fires of Amazon forests under low climate mitigation scenarios. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	5
422	Impacts of atmospheric <scp>CO₂</scp> increase and Amazon deforestation on the regional climate: A water budget modelling study. International Journal of Climatology, 2023, 43, 1497-1513.	1.5	8
423	Exploring the Role of Deforestation and Cropland Expansion in Driving a Fire-Transition in the Brazilian Amazon. Land, 2022, 11, 2274.	1.2	2
424	Drought Propagation in Brazilian Biomes Revealed by Remote Sensing. Remote Sensing, 2023, 15, 454.	1.8	4
426	Climate and land use change: future impacts on hydropower and revenue for the amazon. Journal of Cleaner Production, 2023, 385, 135700.	4.6	3
427	Filling the gap to avoid extinction: Conservation status of Brazilian species of Epidendrum L. (Orchidaceae). Journal for Nature Conservation, 2023, 71, 126328.	0.8	1
428	The inverted forest: Aboveground and notably large belowground carbon stocks and their drivers in Brazilian savannas. Science of the Total Environment, 2023, 867, 161320.	3.9	4
429	Characterization of land cover-specific fire regimes in the Brazilian Amazon. Regional Environmental Change, 2023, 23, .	1.4	3
430	Diversidad y conocimiento de plantas utilizadas por agricultores en Cacoal (AmazonÃa BrasileÃ±a). Magna Scientia UCEVA, 2022, 2, 224-236.	0.1	0
431	New Insights on Water Quality and Land Use Dynamics in the Napo Region of Western Amazonia. The Latin American Studies Book Series, 2023, , 81-115.	0.1	0
432	Spatiotemporal analysis of atmospheric XCH4 as related to fires in the Amazon biome during 2015â€“2020. Remote Sensing Applications: Society and Environment, 2023, 30, 100967.	0.8	0
433	Moisture origins of the Amazon carbon source region. Environmental Research Letters, 2023, 18, 044027.	2.2	6
434	Climate variability of the southern Amazon inferred by a multi-proxy tree-ring approach using Cedrela fissilis Vell.. Science of the Total Environment, 2023, 871, 162064.	3.9	3
435	Sustaining local commons in the face of uncertain ecological thresholds: Evidence from a framed field experiment with Colombian small-scale fishers. Ecological Economics, 2023, 207, 107695.	2.9	2
436	Habitat use patterns suggest that climateâ€driven vegetation changes will negatively impact mammal communities in the Amazon. Animal Conservation, 2023, 26, 663-674.	1.5	0
438	Business, biodiversity, and innovation in Brazil. Perspectives in Ecology and Conservation, 2023, 21, 6-16.	1.0	1
439	How Can Renewable Natural Gas Boost Sustainable Energy in Brazil?. The Latin American Studies Book Series, 2023, , 211-225.	0.1	0
440	Mechanisms and Impacts of Earth System Tipping Elements. Reviews of Geophysics, 2023, 61, .	9.0	10

#	Article	IF	Citations
441	Impending anthropogenic threats and protected area prioritization for jaguars in the Brazilian Amazon. Communications Biology, 2023, 6, .	2.0	4
442	Land footprint and <scp>GHG</scp> emissions from global food loss. Journal of the Science of Food and Agriculture, 2023, 103, 4430-4440.	1.7	2
443	Drone Assisted Deep Learning based Wildfire Detection System. , 2022, , .		3
444	Long- and short-term impacts of climate and dry-season on wood traits of Cedrela fissilis Vell. in southern Brazilian Amazon. Agricultural and Forest Meteorology, 2023, 333, 109392.	1.9	1
445	LandÂuse increases macrophytes beta diversity in Amazon streams by favoring amphibious life forms species. Community Ecology, 2023, 24, 159-170.	0.5	5
446	Higher functional diversity improves modeling of Amazon forest carbon storage. Ecological Modelling, 2023, 481, 110323.	1.2	4
447	Rainfall Influences the Patterns of Diversity and Species Distribution in Sandy Beaches of the Amazon Coast. Sustainability, 2023, 15, 5417.	1.6	1
448	Amazon Biobank: a collaborative genetic database for bioeconomy development. Functional and Integrative Genomics, 2023, 23, .	1.4	2
449	Climate Variability and Change in Tropical South America. The Latin American Studies Book Series, 2023, , 15-44.	0.1	0
450	The 2022 South America report of The Lancet Countdown on health and climate change: trust the science. Now that we know, we must act. The Lancet Regional Health Americas, 2023, 20, 100470.	1.5	2
451	On the degradation of forest ecosystems by extreme events: Statistical Model Checking of a hybrid model. Ecological Complexity, 2023, 53, 101039.	1.4	2
452	Ãndice de Ã¡rea foliar e sua relaÃ§Ã£o com o microclima em floresta e pastagem na AmazÃ´nia Ocidental. Revista Brasileira De Climatologia, 0, 32, 311-335.	0.3	0
453	Differing localâ€scale responses of Bolivian Amazon forest ecotones to middle Holocene drought based upon multiproxy soil data. Journal of Quaternary Science, 2023, 38, 970-990.	1.1	1
461	Amazon 4.0: Ways to Sustainable Development. , 2023, , 1-18.		0
462	A review of the diet of the common vampire bat (Desmodus rotundus) in the context of anthropogenic change. Mammalian Biology, 2023, 103, 433-453.	0.8	3
468	Introduction: The Sustainability Challenges of Brazilian Agriculture. Environment & Policy, 2023, , 1-16.	0.4	0
469	Green Digitalization? Agriculture 4.0 and the Challenges of Environmental Governance in Brazil. Environment & Policy, 2023, , 207-226.	0.4	1
479	Natural Products from the Amazon Used by the Cosmetic Industry. , 2023, , 525-537.		0

#	Article	IF	Citations
482	Amazon 4.0: Ways to Sustainable Development. , 2023, , 105-122.		0
490	Chinese Climate Diplomacy: Chinese Investment in Renewable Energy Sources in Brazil and Its Significance for Achieving the Aims of the Paris Climate Agreement. World Sustainability Series, 2023, , 565-579.	0.3	0
495	Agrobiodiversity in Amazonia. , 2024, , 228-238.		0
499	Agricultural frontiers and environment: a systematic literature review and research agenda for Emerging Countries. Environment, Development and Sustainability, 0, , .	2.7	0
504	Modern Agronomic Measurement for Climate-Resilient Agriculture. , 2023, , 81-105.		0
506	Threats and Sustainability of Brazil Nut (Bertholletia excelsa Bonpl.) Pre-Industrialization in the Amazon Region. , 0, , .		0
507	Climate change and tropical forests. , 2024, , 203-219.		0
523	Habitat Fragmentation Impacts on Amazonian Nonvolant Mammals. , 2023, , 335-363.		0
533	Towards a Dynamic Data Driven Wildfire Digital Twin (WDT): Impacts on Deforestation, Air Quality and Cardiopulmonary Disease. Lecture Notes in Computer Science, 2024, , 403-410.	1.0	0