Reconstructing Three Decades of Land Use and Land Cover with Landsat Archive and Earth Engine

Citation Report

#	ARTICLE	IF	CITATIONS
1	Assessing the legacy of land use trajectories on stream fish communities of southern Brazil. Hydrobiologia, 2022, 849, 4431-4446.	1.0	5
2	Challenges to the Adaptation of Double Cropping Agricultural Systems in Brazil under Changes in Climate and Land Cover. Atmosphere, 2020, 11, 1310.	1.0	9
3	Combining SAR and Optical Earth Observation with Hydraulic Simulation for Flood Mapping and Impact Assessment. Remote Sensing, 2020, 12, 3980.	1.8	19
4	Vertical Profiles of Atmospheric Species Concentrations and Nighttime Boundary Layer Structure in the Dry Season over an Urban Environment in Central Amazon Collected by an Unmanned Aerial Vehicle. Atmosphere, 2020, 11, 1371.	1.0	13
5	The Role of Vegetation on the Dynamics of Water and Fire in the Cerrado Ecosystems: Implications for Management and Conservation. Plants, 2020, 9, 1803.	1.6	16
6	Modeling Forest Aboveground Carbon Density in the Brazilian Amazon with Integration of MODIS and Airborne LiDAR Data. Remote Sensing, 2020, 12, 3330.	1.8	5
7	Determining ecosystem functioning in Brazilian biomes through foliar carbon and nitrogen concentrations and stable isotope ratios. Biogeochemistry, 2021, 154, 405-423.	1.7	8
8	Effects of landâ€‘use changes on Brazilian bats: a review of current knowledge. Mammal Review, 2021, 51, 127-142.	2.2	15
9	Machine learning models for streamflow regionalization in a tropical watershed. Journal of Environmental Management, 2021, 280, 111713.	3.8	27
10	An improved rainfall-threshold approach for robust prediction and warning of flood and flash flood hazards. Natural Hazards, 2021, 105, 2409-2429.	1.6	17
11	Conservation implications of a limited avian cross-habitat spillover in pasture lands. Biological Conservation, 2021, 253, 108898.	1.9	15
12	Multi-scale path-level analysis of jaguar habitat use in the Pantanal ecosystem. Biological Conservation, 2021, 253, 108900.	1.9	17
13	New approach for drought assessment: A case study in the northern region of Minas Gerais. International Journal of Disaster Risk Reduction, 2021, 53, 102019.	1.8	8
14	Mobilization Towards an Integrated Research Network for Studying Runoff, Sediment Transport and Climate of the Paraiba do Sul Basin. , 2021, , 904-913.		0
15	Contribution of breeding to agriculture in the Brazilian Amazon. I. AçaÃ-palm and oil palm. Crop Breeding and Applied Biotechnology, 2021, 21, .	0.1	4
16	Comparative Analysis of the Global Forest/Non-Forest Maps Derived from SAR and Optical Sensors. Case Studies from Brazilian Amazon and Cerrado Biomes. Remote Sensing, 2021, 13, 367.	1.8	12
17	Fire Occurrences and Greenhouse Gas Emissions from Deforestation in the Brazilian Amazon. Remote Sensing, 2021, 13, 376.	1.8	27
18	Hidden destruction of older forests threatens Brazilâ€™s Atlantic Forest and challenges restoration programs. Science Advances, 2021, 7, .	4.7	92

#	Article	IF	Citations
20	Terrain units, land use and land cover, and gross primary productivity of the largest fluvial basin in the Brazilian Amazonia/Cerrado ecotone: The Araguaia River basin. Applied Geography, 2021, 127, 102379.	1.7	7
21	Parrots and the city: modeling potential corridors in an urban environment. Urban Ecosystems, 2021, 24, 1141-1154.	1.1	2
22	Method for classifying sites to Atlantic Rainforest restoration aiming to increase basin's streamflows. IForest, 2021, 14, 86-94.	0.5	1
23	Jaguar movement behavior: using trajectories and association rule mining algorithms to unveil behavioral states and social interactions. PLoS ONE, 2021, 16, e0246233.	1.1	5
24	Adopting habitat-use to infer movement potential and sensitivity to human disturbance of birds in a Neotropical Savannah. Biological Conservation, 2021, 254, 108921.	1.9	9
25	Extreme Drought in the Brazilian Pantanal in 2019–2020: Characterization, Causes, and Impacts. Frontiers in Water, 2021, 3, .	1.0	136
26	Land use/land cover (LULC) analysis (2009–2019) with Google Earth Engine and 2030 prediction using Markov-CA in the Rondônia State, Brazil. Environmental Monitoring and Assessment, 2021, 193, 239.	1.3	32
27	Analyzing Spatio-temporal Land Cover Dynamics in an Atlantic Forest Portion Using Unsupervised Change Detection Techniques. Environmental Modeling and Assessment, 2021, 26, 581-590.	1.2	11
28	Sustainability issues in a tropical mega trail. Royal Society Open Science, 2021, 8, 201840.	1.1	3
29	Historical Changes in Land Use and Suitability for Future Agriculture Expansion in Western Bahia, Brazil. Remote Sensing, 2021, 13, 1088.	1.8	15
30	Delineating fragmented grassland patches in the tropical region using multi-seasonal synthetic aperture radar (SAR) and optical satellite images. International Journal of Remote Sensing, 2021, 42, 3938-3954.	1.3	6
31	The COVID-19 pandemic as an opportunity to weaken environmental protection in Brazil. Biological Conservation, 2021, 255, 108994.	1.9	122
32	Warming drives cryptic declines of amphibians in eastern Brazil. Biological Conservation, 2021, 256, 109035.	1.9	9
33	Cumulative Impacts of Land Cover Change and Dams on the Land–Water Interface of the Tocantins River. Frontiers in Environmental Science, 2021, 9, .	1.5	19
34	Human-modified landscapes narrow the isotopic niche of neotropical birds. Oecologia, 2021, 196, 171-184.	0.9	11
35	Conformity of the NASADEM_HGT and ALOS AW3D30 DEM with the Altitude from the Brazilian Geodetic Reference Stations: A Case Study from Brazilian Cerrado. Sensors, 2021, 21, 2935.	2.1	7
36	Optimizing speleological monitoring efforts: insights from long-term data for tropical iron caves. PeerJ, 2021, 9, e11271.	0.9	3
37	Assessing expected economic losses from wildfires in eucalypt plantations of western Brazil. Forest Policy and Economics, 2021, 125, 102405.	1.5	9

#	ARTICLE	IF	CITATIONS
38	Protected Areas of the Pampa biome presented land use incompatible with conservation purposes. Journal of Land Use Science, 2021, 16, 260-272.	1.0	12
39	Analysis of Spatial and Temporal Changes and Expansion Patterns in Mainland Chinese Urban Land between 1995 and 2015. Remote Sensing, 2021, 13, 2090.	1.8	15
40	Taxonomic and functional threshold responses of vertebrate communities in the Atlantic Forest Hotspot. Biological Conservation, 2021, 257, 109137.	1.9	4
41	Assessing Landsat Images Availability and Its Effects on Phenological Metrics. Forests, 2021, 12, 574.	0.9	5
42	Drought-driven wildfire impacts on structure and dynamics in a wet Central Amazonian forest. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210094.	1.2	23
43	Forest remnants in private lands are critical to the persistence of endangered birds in an Amazonian hotspot. Journal for Nature Conservation, 2021, 61, 125984.	0.8	1
44	Spatio-temporal changes in water quality in the Guarapiranga reservoir (São Paulo, Brazil): insights from a long-term monitoring data series. Environmental Monitoring and Assessment, 2021, 193, 380.	1.3	4
45	Seasonality modulates the direct and indirect influences of forest cover on larval anopheline assemblages in western Amazônia. Scientific Reports, 2021, 11, 12721.	1.6	2
46	Scale-sensitive stream slope drives nested fish trait-based diversity. Aquatic Ecology, 2021, 55, 1051-1063.	0.7	5
47	A multi-data assessment of land use and land cover emissions from Brazil during 2000–2019. Environmental Research Letters, 2021, 16, 074004.	2.2	33
48	Assessing species reintroduction sites based on future climate suitability for food resources. Conservation Biology, 2021, 35, 1821-1832.	2.4	6
49	Satellite Image Time Series Analysis for Big Earth Observation Data. Remote Sensing, 2021, 13, 2428.	1.8	36
50	Análise do sistema de validação e refinamento de alertas do Mapbiomas e do laudo de área desmatada em Altamira - PA, Brasil (2018 – 2021). Research, Society and Development, 2021, 10, e37810615801.	0.0	0
51	Importance of legislation for maintaining forests on private properties in the Brazilian Cerrado. Environment, Development and Sustainability, 2022, 24, 3356-3370.	2.7	4
52	Environmental heterogeneity and sampling relevance areas in an Atlantic forest endemism region. Perspectives in Ecology and Conservation, 2021, 19, 311-318.	1.0	8
53	Applying a precipitation error model to numerical weather predictions for probabilistic flood forecasts. Journal of Hydrology, 2021, 598, 126374.	2.3	10
54	Beyond trees: Mapping total aboveground biomass density in the Brazilian savanna using high-density UAV-lidar data. Forest Ecology and Management, 2021, 491, 119155.	1.4	24
55	Forecasting deforestation in the Brazilian Amazon to prioritize conservation efforts. Environmental Research Letters, 2021, 16, 084034.	2.2	13

#	ARTICLE	IF	CITATIONS
56	Floristic change in Brazil's southern Atlantic Forest biodiversity hotspot: From the Last Glacial Maximum to the late 21st Century. Quaternary Science Reviews, 2021, 264, 107005.	1.4	11
57	Relationship between Fire Events and Land Use Changes in the State of SÃ£o Paulo, Brazil. Remote Sensing, 2021, 13, 2853.	1.8	3
58	Sexual, allometric and forest cover effects on giant anteatersâ€™ movement ecology. PLoS ONE, 2021, 16, e0253345.	1.1	9
59	Relict populations of Araucaria angustifolia will be isolated, poorly protected, and unconnected under climate and land-use change in Brazil. Biodiversity and Conservation, 2021, 30, 3665-3684.	1.2	9
60	Pattern Recognition and Remote Sensing techniques applied to Land Use and Land Cover mapping in the Brazilian Savannah. Pattern Recognition Letters, 2021, 148, 54-60.	2.6	9
61	Mangrove Forest Cover and Phenology with Landsat Dense Time Series in Central Queensland, Australia. Remote Sensing, 2021, 13, 3032.	1.8	16
62	Identification of Risk Areas for Intestinal Schistosomiasis, Based on Malacological and Environmental Data and on Reported Human Cases. Frontiers in Medicine, 2021, 8, 642348.	1.2	5
63	Incorporating costs, thresholds and spatial extents for selecting stream bioindicators in an ecotone between two Brazilian biodiversity hotspots. Ecological Indicators, 2021, 127, 107761.	2.6	11
64	Long-term monitoring of evapotranspiration using the SEBAL algorithm and Google Earth Engine cloud computing. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 81-96.	4.9	59
65	LTâ€Brazil: A database of leaf traits across biomes and vegetation types in Brazil. Global Ecology and Biogeography, 2021, 30, 2136-2146.	2.7	8
66	Vegetation cover monitoring in tropical regions using SAR-C dual-polarization index: seasonal and spatial influences. International Journal of Remote Sensing, 2021, 42, 7581-7609.	1.3	6
67	Risk of bird electrocution in power lines: a framework for prioritizing species and areas for conservation and impact mitigation. Animal Conservation, 2022, 25, 285-296.	1.5	3
68	Land use changes and hydrological trend analysis in a Brazilian Cerrado basin. International Journal of Environmental Science and Technology, 2022, 19, 7469-7482.	1.8	4
69	Spatial-temporal evolution of landscape degradation on the GuamÃ¡ River Basin, Brazil. Brazilian Journal of Environmental Sciences (Online), 2021, 56, 480-490.	0.1	3
70	Prescribed Burning Reduces Large, High-Intensity Wildfires and Emissions in the Brazilian Savanna. Fire, 2021, 4, 56.	1.2	13
71	Socioeconomic and environmental effects of soybean production in metacoupled systems. Scientific Reports, 2021, 11, 18662.	1.6	27
72	Towards user-adaptive remote sensing: Knowledge-driven automatic classification of Sentinel-2 time series. Remote Sensing of Environment, 2021, 264, 112615.	4.6	12
73	Conserving the Cerrado and Amazon biomes of Brazil protects the soy economy from damaging warming. World Development, 2021, 146, 105582.	2.6	22

#	Article	IF	Citations
74	Water resource quality effects on water treatment costs: An analysis for the Brazilian case. Ecological Economics, 2021, 188, 107134.	2.9	3
75	Validation of the U.S. Geological Survey's Land Change Monitoring, Assessment and Projection (LCMAP) Collection 1.0 annual land cover products 1985â€"2017. Remote Sensing of Environment, 2021, 265, 112646.	4.6	38
76	Carbon ecosystem services and cellulose income from natural and commercial forests in the Brazilian savanna. Forest Ecology and Management, 2021, 499, 119582.	1.4	1
77	Regional deforestation drives the impact of forest cover and matrix quality on primate species richness. Biological Conservation, 2021, 263, 109338.	1.9	8
78	When do Farmers Burn Pasture in Brazil: A Model-Based Approach to Determine Burning Date. Rangeland Ecology and Management, 2021, 79, 110-125.	1.1	7
79	Changes in floodplain hydrology following serial damming of the Tocantins River in the eastern Amazon. Science of the Total Environment, 2021, 800, 149494.	3.9	12
80	Land-use impacts of Brazilian wind power expansion. Environmental Research Letters, 2021, 16, 024010.	2.2	12
81	Land Use and Land Cover Area Estimates From Class Membership Probability of a Random Forest Classification. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	2.7	21
82	The 2020 Brazilian Pantanal fires. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20210077.	0.3	9
83	Landscape ecology in the Anthropocene: an overview for integrating agroecosystems and biodiversity conservation. Perspectives in Ecology and Conservation, 2021, 19, 21-32.	1.0	24
84	Assessing Land Use and Land Cover Changes in the Direct Influence Zone of the BraÃ§o Norte Hydropower Complex, Brazilian Amazonia. Forests, 2020, 11, 988.	0.9	16
85	Monitoring Forest Change in the Amazon Using Multi-Temporal Remote Sensing Data and Machine Learning Classification on Google Earth Engine. ISPRS International Journal of Geo-Information, 2020, 9, 580.	1.4	61
86	Effects of urbanization and environmental heterogeneity on fish assemblages in small streams. Neotropical Ichthyology, 2021, 19, .	0.5	5
87	Brazilian Beaches and Dunes Status: Three Decades of Detection Using Machine Learning. , 2021, , .		0
88	Detecting Clearcut Deforestation Employing Deep Learning Methods and SAR Time Series. , 2021, , .		3
89	Groundwater phosphorus concentrations: global trends and links with agricultural and oil and gas activities. Environmental Research Letters, 2022, 17, 014014.	2.2	12
90	Looking beyond forest cover: an analysis of landscape-scale predictors of forest degradation in the Brazilian Amazon. Environmental Research Letters, 2021, 16, 114045.	2.2	6
91	Balancing natural forest regrowth and tree planting to ensure social fairness and compliance with environmental policies. Journal of Applied Ecology, 2021, 58, 2371-2383.	1.9	6

#	ARTICLE	IF	CITATIONS
92	Anthropization Affects the Assembly of Bat-Bat Fly Interaction Networks. Frontiers in Environmental Science, 2021, 9, .	1.5	2
93	Multi-Sensor, Active Fire-Supervised, One-Class Burned Area Mapping in the Brazilian Savanna. Remote Sensing, 2021, 13, 4005.	1.8	4
94	Effects of land-use and -cover changes on streamflow regime in the Brazilian Savannah. Journal of Hydrology: Regional Studies, 2021, 38, 100934.	1.0	8
95	Different post-fire stages encompass different plant community compositions in fire-prone grasslands from Southern Brazil. Flora: Morphology, Distribution, Functional Ecology of Plants, 2021, 285, 151937.	0.6	4
96	Mudança no uso e cobertura da terra na bacia hidrográfica do rio Araguaia e seus reflexos nos recursos hídricos, o trecho médio do rio Araguaia em Goiás. Confins, 2020, , .	0.0	2
97	Birds of the Pantanal floodplains, Brazil: historical data, diversity, and conservation. Papeis Avulsos De Zoologia, 0, 61, e20216182.	0.4	7
98	Ephemeral forest regeneration limits carbon sequestration potential in the Brazilian Atlantic Forest. Global Change Biology, 2022, 28, 630-643.	4.2	15
99	Large scale multi-layer fuel load characterization in tropical savanna using GEDI spaceborne lidar data. Remote Sensing of Environment, 2022, 268, 112764.	4.6	27
100	Global trends in vegetation fractional cover: Hotspots for change in bare soil and non-photosynthetic vegetation. Agriculture, Ecosystems and Environment, 2022, 324, 107719.	2.5	13
101	Assessing the Potential of Upcoming Satellite Altimeter Missions in Operational Flood Forecasting Systems. Remote Sensing, 2021, 13, 4459.	1.8	8
102	The influence of urban expansion in the socio-economic, demographic, and environmental indicators in the City of Arapiraca-Alagoas, Brazil. Remote Sensing Applications: Society and Environment, 2022, 25, 100662.	0.8	6
103	Effect of vertebrate exclusion on leaf litter decomposition in the coastal Atlantic forest of southeast Brazil. Tropical Ecology, 2022, 63, 151-154.	0.6	1
104	Climate-Smart Forestry in Brazil. Managing Forest Ecosystems, 2022, , 545-570.	0.4	1
106	Urbanization affects the richness of invasive alien trees but has limitedÂinfluence on species composition. Urban Ecosystems, 2022, 25, 753-763.	1.1	5
107	A new species of Myotis (Chiroptera, Vespertilionidae) from Uruguay. Vertebrate Zoology, 0, 71, 711-722.	2.0	9
108	Dimensions of the 2020 wildfire catastrophe in the Pantanal wetland: the case of the municipality of Poconé, Mato Grosso, Brazil. Research, Society and Development, 2021, 10, e08101522619.	0.0	5
109	Land use and land cover changes and their impacts on surface-atmosphere interactions in Brazil: A systematic review. Science of the Total Environment, 2022, 808, 152134.	3.9	29
110	Unprecedented large-area turnover estimates for the subtropical Brazilian Atlantic Forest based on systematically-gathered data. Forest Ecology and Management, 2022, 505, 119902.	1.4	1

#	Article	IF	Citations
111	Modeling of land use and land cover change dynamics for future projection of the Amazon number curve. Science of the Total Environment, 2022, 811, 152348.	3.9	21
112	Assessing geeSEBAL automated calibration and meteorological reanalysis uncertainties to estimate evapotranspiration in subtropical humid climates. Agricultural and Forest Meteorology, 2022, 314, 108775.	1.9	10
113	The importance of GHG emissions from land use change for biofuels in Brazil: An assessment for current and 2030 scenarios. Resources, Conservation and Recycling, 2022, 179, 106131.	5.3	20
114	SIAâ€BRA: A database of animal stable carbon and nitrogen isotope ratios of Brazil. Global Ecology and Biogeography, 0, , .	2.7	3
115	AmazonCRIME: un conjunto de datos y punto de referencia de Inteligencia Artificial Geoespacial para la clasificaciÃ³n de Ã¡reas potenciales vinculadas a CrÃmenes Ambientales Transnacionales en la Selva AmazÃ³nica. Revista De Teledeteccion, 2022, , 1-21.	0.6	1
116	Impact of Urbanization on Urban Heat Island Intensity in Major Districts of Bangladesh Using Remote Sensing and Geo-Spatial Tools. Climate, 2022, 10, 3.	1.2	23
117	Mapping Deforestation in Cerrado Based on Hybrid Deep Learning Architecture and Medium Spatial Resolution Satellite Time Series. Remote Sensing, 2022, 14, 209.	1.8	7
118	On the occurrence of the Critically Endangered blond titi (Callicebus barbarabrownae): reassessment of occupied areas and minimum population size. International Journal of Primatology, 2024, 45, 35-53.	0.9	2
119	Multitemporal Spatial Analysis of Land Use and Land Cover Changes in the Lower Jaguaribe Hydrographic Sub-Basin, CearÃ¡, Northeast Brazil. Land, 2022, 11, 103.	1.2	2
120	Assessing the role of compound drought and heatwave events on unprecedented 2020 wildfires in the Pantanal. Environmental Research Letters, 2022, 17, 015005.	2.2	78
121	Land cover changes implications in energy flow and water cycle in SÃ£o Francisco Basin, Brazil, over the past 7 decades. Environmental Earth Sciences, 2022, 81, 1.	1.3	2
122	Expansion of biofuel cash-crops and its geoethical implications in the scope of groundwater governance. Sustainable Water Resources Management, 2022, 8, 1.	1.0	5
123	Near-real time deforestation detection in the Brazilian Amazon with Sentinel-1 and neural networks. European Journal of Remote Sensing, 2022, 55, 129-149.	1.7	8
124	Changes in land use enhance the sensitivity of tropical ecosystems to fire-climate extremes. Scientific Reports, 2022, 12, 964.	1.6	22
125	Mapping native and non-native vegetation in the Brazilian Cerrado using freely available satellite products. Scientific Reports, 2022, 12, 1588.	1.6	13
126	Prioritising areas for wildfire prevention and post-fire restoration in the Brazilian Pantanal. Ecological Engineering, 2022, 176, 106517.	1.6	14
127	A Machine Learning approach to reconstruct cloudy affected vegetation indices imagery via data fusion from Sentinel-1 and Landsat 8. Computers and Electronics in Agriculture, 2022, 194, 106753.	3.7	15
128	Lightning patterns in the Pantanal: Untangling natural and anthropogenic-induced wildfires. Science of the Total Environment, 2022, 820, 153021.	3.9	23

#	ARTICLE	IF	CITATIONS
129	Mapping South America's Drylands through Remote Sensing—A Review of the Methodological Trends and Current Challenges. Remote Sensing, 2022, 14, 736.	1.8	6
130	Cloud cover and its impact on Brazil's deforestation satellite monitoring program: Evidence from the cerrado biome of the Brazilian Legal Amazon. Applied Geography, 2022, 140, 102651.	1.7	4
131	Changes in obliquity drive tree cover shifts in eastern tropical South America. Quaternary Science Reviews, 2022, 279, 107402.	1.4	4
132	Contribution of the Brazilian National Forest Inventory to the knowledge of Cerrado woody flora. Biota Neotropica, 2022, 22, .	0.2	1
133	The Density of Callicebus coimbrai is Better Predicted by Vegetation Structure Variables than by Surrounding Landscape. International Journal of Primatology, 2024, 45, 54-71.	0.9	5
134	Land Use/Land Cover Change and Their Driving Factors in the Yellow River Basin of Shandong Province Based on Google Earth Engine from 2000 to 2020. ISPRS International Journal of Geo-Information, 2022, 11, 163.	1.4	40
135	Understanding the role of land‐use emissions in achieving the Brazilian Nationally Determined Contribution to mitigate climate change. Climate Resilience and Sustainability, 2022, 1, .	0.9	9
136	The effect of hierarchical environmental structure and catchment-scale land cover on fish assemblage composition in streams from the Brazilian south-eastern rain forest. Hydrobiologia, 2022, 849, 4485-4497.	1.0	4
137	Assessing the Wall-to-Wall Spatial and Qualitative Dynamics of the Brazilian Pasturelands 2010–2018, Based on the Analysis of the Landsat Data Archive. Remote Sensing, 2022, 14, 1024.	1.8	15
138	Fragmentation-Driven Divergent Trends in Burned Area in Amazonia and Cerrado. Frontiers in Forests and Global Change, 2022, 5, .	1.0	8
139	Tributary contributions to sediment deposited in the Jacuí-Delta, Southern Brazil. Journal of Great Lakes Research, 2022, 48, 669-685.	0.8	5
140	Land Use, Land Cover Change and Sustainable Intensification of Agriculture and Livestock in the Amazon and the Atlantic Forest in Brazil. Sustainability, 2022, 14, 2563.	1.6	9
141	Applying Digital Twins to Research the Relationship Between Urban Expansion and Vegetation Coverage: A Case Study of Natural Preserve. Frontiers in Plant Science, 2022, 13, 840471.	1.7	3
142	Comparison between Regionalized Minimum Reference Flow and On-Site Measurements in Hydrographic Basins of Rural Communities in the State of Goiás, Brazil. Water (Switzerland), 2022, 14, 1016.	1.2	0
143	Brazil's mangroves: Natural carbon storage. Science, 2022, 375, 1239-1239.	6.0	3
144	Determinants of Fire Impact in the Brazilian Biomes. Frontiers in Forests and Global Change, 2022, 5, .	1.0	18
145	Modeling of Land Use and Land Cover (LULC) Change Based on Artificial Neural Networks for the Chapecó River Ecological Corridor, Santa Catarina/Brazil. Sustainability, 2022, 14, 4038.	1.6	10
146	Monitoring Complex Integrated Crop–Livestock Systems at Regional Scale in Brazil: A Big Earth Observation Data Approach. Remote Sensing, 2022, 14, 1648.	1.8	7

#	Article	IF	Citations
147	Turnover rates of regenerated forests challenge restoration efforts in the Brazilian Atlantic forest. Environmental Research Letters, 2022, 17, 045009.	2.2	13
148	Landscape Transformations and loss of Atlantic Forests: challenges for conservation. Journal for Nature Conservation, 2022, 66, 126152.	0.8	6
149	Connections among Land Use, Water Quality, Biodiversity of Aquatic Invertebrates, and Fish Behavior in Amazon Rivers. Toxics, 2022, 10, 182.	1.6	1
150	Habitat use patterns and conservation of small carnivores in a human-dominated landscape of the semiarid Caatinga in Brazil. Mammalian Biology, 0, , 1.	0.8	6
151	Mapping 33 years of sugarcane evolution in São Paulo state, Brazil, using landsat imagery and generalized space-time classifiers. Remote Sensing Applications: Society and Environment, 2022, 26, 100749.	0.8	0
152	Hydrological modeling using remote sensing precipitation data in a Brazilian savanna basin. Journal of South American Earth Sciences, 2022, 115, 103773.	0.6	4
153	Spatio-temporal analysis of dynamics and future scenarios of anthropic pressure on biomes in Brazil. Ecological Indicators, 2022, 137, 108749.	2.6	5
154	Urban watershed management prioritization using the rapid impact assessment matrix (RIAM-UWMAP), GIS and field survey. Environmental Impact Assessment Review, 2022, 94, 106759.	4.4	10
155	An observational analysis of precipitation and deforestation age in the Brazilian Legal Amazon. Atmospheric Research, 2022, 271, 106122.	1.8	11
156	The Brazilian soil priorities. Geoderma Regional, 2022, 29, e00503.	0.9	1
157	A modelling framework for nature-based solutions expansion planning considering the benefits to downstream urban water users. Environmental Modelling and Software, 2022, 152, 105381.	1.9	4
158	Detection of areas vulnerable to scorpionism and its association with environmental factors in São Paulo, Brazil. Acta Tropica, 2022, 230, 106390.	0.9	6
159	Early stages of crop expansion have little effect on farm-scale vegetation patterns in a Cerrado biome working landscape. Landscape and Urban Planning, 2022, 223, 104422.	3.4	3
160	Unraveling the occurrence of contaminants of emerging concern in groundwater from urban setting: A combined multidisciplinary approach and self-organizing maps. Chemosphere, 2022, 299, 134395.	4.2	10
161	Atmospheric effects of urban representation improvements in weather model. , 2021, , .		0
162	Environmental filtering and deforestation shape frog assemblages in Amazonia: An empirical approach assessing species abundances and functional traits. Biotropica, 2022, 54, 226-238.	0.8	3
163	Geographic Expansion of an Invasive Fly: First Record of<i>Zaprionus tuberculatus</i>(Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10	1.3	6
164	On a Data-Driven Approach for Detecting Disturbance in the Brazilian Savannas Using Time Series of Vegetation Indices. Remote Sensing, 2021, 13, 4959.	1.8	6

#	Article	IF	Citations
165	Mata Atlântica: Da formação original à fragmentação e o atual estado de conservação em Santa Catarina.. Estrabão, 0, 2, 188-191.	0.0	2
166	Hospitalization Due to Fire-Induced Pollution in the Brazilian Legal Amazon from 2005 to 2018. Remote Sensing, 2022, 14, 69.	1.8	10
167	Multicriteria analysis and logistical grouping method for selecting areas to consortium landfills in Paraiba do Sul river basin, Brazil. Environmental Earth Sciences, 2022, 81, 1.	1.3	4
168	Hydrologic Impact of Climate Change in the Jaguari River in the Cantareira Reservoir System. Water (Switzerland), 2022, 14, 1286.	1.2	7
169	Mapping Three Decades of Changes in the Tropical Andean Glaciers Using Landsat Data Processed in the Earth Engine. Remote Sensing, 2022, 14, 1974.	1.8	7
170	Vegetation structure and edaphic factors in veredas reflect different conservation status in these threatened areas. Forest Ecosystems, 2022, 9, 100036.	1.3	7
171	Spatio-Temporal Evolution and Future Simulation of Agricultural Land Use in Xiangxi, Central China. Land, 2022, 11, 587.	1.2	8
172	Increased burned area in the Pantanal over the past two decades. Science of the Total Environment, 2022, 835, 155386.	3.9	14
173	Fire effects on riparian vegetation recovery and nutrient fluxes in Brazilian Cerrado. Austral Ecology, 2022, 47, 1168-1183.	0.7	1
174	Spatial distribution and effects of land use and cover on cutaneous leishmaniasis vectors in the municipality of Paracambi, Rio de Janeiro, Brazil. Revista Brasileira De Entomologia, 2022, 66, .	0.1	0
175	Reference values and drivers of diversity for South Brazilian grassland plant communities. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20201079.	0.3	6
176	LAND-USE AND LAND-COVER MAPPING USING A COMBINATION OF RADAR AND OPTICAL SENSORS IN RORAIMA â€" BRAZIL. Engenharia Agricola, 2022, 42, .	0.2	1
177	Drivers of change in tropical protected areas: Long-term monitoring of a Brazilian biodiversity hotspot. Perspectives in Ecology and Conservation, 2022, 20, 69-78.	1.0	5
178	High-resolution map of sugarcane cultivation in Brazil using a phenology-based method. Earth System Science Data, 2022, 14, 2065-2080.	3.7	14
179	Monitoring Annual Land Use/Land Cover Change in the Tucson Metropolitan Area with Google Earth Engine (1986â€"2020). Remote Sensing, 2022, 14, 2127.	1.8	18
180	Unveiling an enigma from the Cerrado: taxonomic revision of two sympatric species of Apostolepis Cope, 1862 (Dipsadidae: Xenodontinae: Elapomorphini) from central Brazil. European Journal of Taxonomy, 0, 817, .	0.6	0
181	Proposal for an index of roads and structures for the mapping of non-vegetated urban surfaces using OSM and Sentinel-2 data. International Journal of Applied Earth Observation and Geoinformation, 2022, 109, 102791.	0.9	0
182	Carbon Soil Storage and Technologies to Increase Soil Carbon Stocks in the South American Savanna. Sustainability, 2022, 14, 5571.	1.6	5

#	Article	IF	Citations
183	Spatiotemporal Dynamics of Grasslands Using Landsat Data in Livestock Micro-Watersheds in Amazonas (NW Peru). Land, 2022, 11, 674.	1.2	5
184	Assessing Amazon rainforest regrowth with GEDI and ICESat-2 data. Science of Remote Sensing, 2022, 5, 100051.	2.2	8
185	Multisensor approach to land use and land cover mapping in Brazilian Amazon. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 189, 95-109.	4.9	7
186	Long-Term Landsat-Based Monthly Burned Area Dataset for the Brazilian Biomes Using Deep Learning. Remote Sensing, 2022, 14, 2510.	1.8	28
187	Natural grassland remnants in dynamic agricultural landscapes: identifying drivers of fragmentation. Perspectives in Ecology and Conservation, 2022, , .	1.0	3
188	Development of a methodological approach to estimate vegetation biomass using remote sensing in the Brazilian semiarid NE region.. Remote Sensing Applications: Society and Environment, 2022, 27, 100771.	0.8	3
189	Global Evapotranspiration Datasets Assessment Using Water Balance in South America. Remote Sensing, 2022, 14, 2526.	1.8	8
190	The effect of flight efficiency on gapâ€crossing ability in Amazonian forest birds. Biotropica, 2022, 54, 860-868.	0.8	17
191	Placing Brazil's grasslands and savannas on the map of science and conservation. Perspectives in Plant Ecology, Evolution and Systematics, 2022, 56, 125687.	1.1	22
192	A long-term study indicates that tree clearance negatively affects fledgling recruitment to the Blue-fronted Amazon (Amazona aestiva) population. PLoS ONE, 2022, 17, e0267355.	1.1	1
193	Land-use change CO2 emissions associated with agricultural products at municipal level in Brazil. Journal of Cleaner Production, 2022, 364, 132549.	4.6	14
194	Forest Fragmentation and Fires in the Eastern Brazilian Amazonâ€"MaranhÃ£o State, Brazil. Fire, 2022, 5, 77.	1.2	13
195	Building knowledge to save species: 20 years of ichthyological studies in the Tocantins-Araguaia River basin. Biota Neotropica, 2022, 22, .	0.2	8
197	Combining precipitation forecasts and vegetation health to predict fire risk at subseasonal timescale in the Amazon. Environmental Research Letters, 2022, 17, 074009.	2.2	3
198	Intensity Analysis to Study the Dynamics of Reforestation in the Rio Doce Water Basin, Brazil. Frontiers in Remote Sensing, 0, 3, .	1.3	2
199	Dynamic World, Near real-time global 10â€‰m land use land cover mapping. Scientific Data, 2022, 9, .	2.4	213
200	Quantifying the climate changeâ€driven impacts on the hydrology of a dataâ€scarce watershed located in the Brazilian Tropical Savanna. Hydrological Processes, 2022, 36, .	1.1	5
201	Human Activity Behind the Unprecedented 2020 Wildfire in Brazilian Wetlands (Pantanal). Frontiers in Environmental Science, 0, 10, .	1.5	4

#	Article	IF	Citations
202	Rainfall Runoff Balance Enhanced Model Applied to Tropical Hydrology. Water (Switzerland), 2022, 14, 1958.	1.2	4
203	A Global Analysis of the Spatial and Temporal Variability of Usable Landsat Observations at the Pixel Scale. Frontiers in Remote Sensing, 0, 3, .	1.3	11
204	Southeastern Brazil inland tropicalization: Köppen system applied for detecting climate change throughout 100 years of meteorological observed data. Theoretical and Applied Climatology, 2022, 149, 1431-1450.	1.3	5
205	A scalable method for the estimation of spatial disaggregation models. Computers and Geosciences, 2022, 166, 105161.	2.0	2
206	The expansion of tree plantations across tropical biomes. Nature Sustainability, 2022, 5, 681-688.	11.5	28
207	Ecosystem services in the floodplains: Socio-cultural services associated with ecosystem unpredictability in the Pantanal wetland, Brazil. Aquatic Ecosystem Health and Management, 2022, 25, 72-80.	0.3	2
208	Medium Spatial Resolution Mapping of Global Land Cover and Land Cover Change Across Multiple Decades From Landsat. Frontiers in Remote Sensing, 0, 3, .	1.3	22
209	Linking land-use and land-cover transitions to their ecological impact in the Amazon. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	24
210	Compound impact of land use and extreme climate on the 2020 fire record of the Brazilian Pantanal. Global Ecology and Biogeography, 2022, 31, 1960-1975.	2.7	6
211	Legal deforestation can jeopardize plant diversity conservation in an agricultural frontier in the brazilian Cerrado: a spatial explicit contribution to Santana and Simon (2022). Biodiversity and Conservation, 2022, 31, 2899-2903.	1.2	3
212	Global/Regional Impacts on Present and Near-Future Climate Regimes in the Metropolitan Region of Belém, Eastern Amazon. Atmosphere, 2022, 13, 1077.	1.0	3
213	Current status of the Critically Endangered Black-winged Trumpeter *Psophia obscura* in one of its last strongholds. Bird Conservation International, 0, , 1-14.	0.7	0
214	Landscape openness has different effects on the structure, diversity and functional composition of Brazilian rainforests. Forest Ecology and Management, 2022, 520, 120395.	1.4	4
215	Temporal and spatial patterns of fire activity in three biomes of Brazil. Science of the Total Environment, 2022, 844, 157138.	3.9	3
216	Effects of environmental protection policies on fragile areas of a watershed occupied by agriculture in the Brazilian Cerrado. Journal of Environmental Management, 2022, 319, 115695.	3.8	3
217	The past is never dead: legacy effects alter the structure of benthic macroinvertebrate assemblages. , 2023, 42, 1.		2
218	Morphometric characterization and land use of the Pajeú river basin in the Brazilian semi-arid region. Journal of South American Earth Sciences, 2022, 118, 103939.	0.6	5
219	An operational land cover and land cover change toolbox: processing open‐source data with open‐source software. Ecological Solutions and Evidence, 2022, 3, .	0.8	3

#	Article	IF	Citations
220	Highway Network and Fire Occurrence in Amazonian Indigenous Lands. Sustainability, 2022, 14, 9167.	1.6	8
221	Mapping Roads in the Brazilian Amazon with Artificial Intelligence and Sentinel-2. Remote Sensing, 2022, 14, 3625.	1.8	12
222	Bird dependence on wetlands determines functional responses to flood pulse in the Brazilian Pantanal. Ornithology Research, 2022, 30, 190-203.	0.6	0
223	Relationship between Land Use and Spatial Variability of Atmospheric Brown Carbon and Black Carbon Aerosols in Amazonia. Atmosphere, 2022, 13, 1328.	1.0	8
224	Spatial-Temporal Pattern Analysis of Land Use and Water Yield in Water Source Region of Middle Route of South-to-North Water Transfer Project Based on Google Earth Engine. Water (Switzerland), 2022, 14, 2535.	1.2	11
225	Mining Is a Growing Threat within Indigenous Lands of the Brazilian Amazon. Remote Sensing, 2022, 14, 4092.	1.8	15
226	Nine biomes and nine challenges for the conservation genetics of Neotropical species, the case of the vulnerable giant anteater (Myrmecophaga tridactyla). Biodiversity and Conservation, 0, , .	1.2	0
227	Frontier metrics for a process-based understanding of deforestation dynamics. Environmental Research Letters, 2022, 17, 095010.	2.2	13
228	Drought variability and land degradation in the Amazon River basin. Frontiers in Earth Science, 0, 10, .	0.8	4
229	Achieving sustainable water and land use systems in highly developed tropical landscapes. Environmental Research Letters, 0, , .	2.2	0
230	Predicting the impacts of palm heart and fruit harvesting using Integral Projection Models. Frontiers in Forests and Global Change, 0, 5, .	1.0	0
231	Hierarchical Classification of Soybean in the Brazilian Savanna Based on Harmonized Landsat Sentinel Data. Remote Sensing, 2022, 14, 3736.	1.8	4
232	Net carbon dioxide exchange in a hyperseasonal cattle pasture in the northern Pantanal wetland of Brazil. Agricultural and Forest Meteorology, 2022, 324, 109099.	1.9	5
233	Crop type classification in Southern Brazil: Integrating remote sensing, crop modeling and machine learning. Computers and Electronics in Agriculture, 2022, 201, 107320.	3.7	3
234	Sugarcane abandonment mapping in Rio de Janeiro state Brazil. Remote Sensing of Environment, 2022, 280, 113194.	4.6	6
235	Recent advancements in rainfall erosivity assessment in Brazil: A review. Catena, 2022, 219, 106572.	2.2	3
236	How 30 years of land-use changes have affected habitat suitability and connectivity for Atlantic Forest species. Biological Conservation, 2022, 274, 109737.	1.9	7
237	Two decades of land cover mapping in the RÃo de la Plata grassland region: The MapBiomas Pampa initiative. Remote Sensing Applications: Society and Environment, 2022, 28, 100834.	0.8	16

#	ARTICLE	IF	CITATIONS
238	Performance of an automated conservation status assessment for the megadiverse vascular flora of Brazil. Journal for Nature Conservation, 2022, 70, 126272.	0.8	4
239	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
240	Burned Area in Land Use and Land Cover Classes in Sao Paulo State, Brazil. , 2022, , .		1
241	Deforestation Patterns in the Southern Brazilian Amazon Watersheds. , 2022, , .		0
243	Cerrado deforestation threatens regional climate and water availability for agriculture and ecosystems. Global Change Biology, 2022, 28, 6807-6822.	4.2	32
244	Anurans (Amphibia: Anura) of the Brazilian state of AmapÃ¡, eastern Amazonia: species diversity and knowledge gaps. European Journal of Taxonomy, 0, 836, .	0.6	3
245	Disentangling the numbers behind agriculture-driven tropical deforestation. Science, 2022, 377, .	6.0	105
246	Primate conservation in the Arc of Deforestation: a case study of Vieira's titi monkey <i>Plecturocebus vieirai</i>. Oryx, 2022, 56, 837-845.	0.5	7
247	Beyond Carbon: The Contributions of South American Tropical Humid and Subhumid Forests to Ecosystem Services. Reviews of Geophysics, 2022, 60, .	9.0	14
248	Efficiency of Pyroligneous Extract from Jurema Preta (Mimosa tenuiflora [Willd.] Poiret) as an Antiseptic in Cats (Felis catus) Subjected to Ovariosalpingohysterectomy. Animals, 2022, 12, 2325.	1.0	3
249	The role of topography, climate, soil and the surrounding matrix in the distribution of Veredas wetlands in central Brazil. Wetlands Ecology and Management, 2022, 30, 1261-1279.	0.7	4
250	K-textures, a self-supervised hard clustering deep learning algorithm for satellite image segmentation. Frontiers in Environmental Science, 0, 10, .	1.5	2
251	Mapping Secondary Vegetation of a Region of Deforestation Hotspot in the Brazilian Amazon: Performance Analysis of C- and L-Band SAR Data Acquired in the Rainy Season. Forests, 2022, 13, 1457.	0.9	1
252	Diversity of mosquitoes from Porto Alegre region, Rio Grande do Sul, Brazil: ecological and public health perspectives. Journal of Insect Conservation, 2022, 26, 873-891.	0.8	5
254	Anthropic Changes in Land Use and Land Cover and Their Impacts on the Hydrological Variables of the SÃ£o Francisco River Basin, Brazil. Sustainability, 2022, 14, 12176.	1.6	1
256	Climate fluctuation impacts in Astronium urundeuva (M. AllemÃ£o) Engl. silvicultural characters in the Brazilian Cerrado. , 2022, 1, 025007.		0
257	Aerial insectivorous bats in the Brazilian-Uruguayan savanna: Modelling the occupancy through acoustic detection. Frontiers in Ecology and Evolution, 0, 10, .	1.1	2
258	Multiplicative Long Short-Term Memory with Improved Mayfly Optimization for LULC Classification. Remote Sensing, 2022, 14, 4837.	1.8	7

#	ARTICLE	IF	CITATIONS
259	How does land use cover change affect hydrological response in the Atlantic Forest? Implications for ecological restoration. Frontiers in Water, 0, 4, .	1.0	0
260	Geometric accuracy assessment and a framework for automatic sub-pixel registration of WFI images from CBERS-4, CBERS-4A, and Amazonia-1 satellites over Brazil. Remote Sensing Applications: Society and Environment, 2022, 28, 100844.	0.8	0
261	Feeding habits influence species habitat associations at the landscape scale in a diverse clade of Neotropical fishes. Journal of Biogeography, 0, , .	1.4	0
262	Integrating water, sediments, and land use analysis for pollution assessment in a countryside urban-farming watershed landscape in southern Brazil. International Journal of River Basin Management, 0, , 1-14.	1.5	3
264	Soil degradation detected by temporal satellite image in São Paulo state, Brazil. Journal of South American Earth Sciences, 2022, 120, 104036.	0.6	2
265	Association between forest resources and water availability: temporal analysis of the Serra Azul stream sub-basin. Anais Da Academia Brasileira De Ciencias, 2022, 94, .	0.3	1
266	Reconstruction and variability of tropical pollination networks in the Brazilian Atlantic Forest. Community Ecology, 2022, 23, 315-325.	0.5	1
267	An MLC and U-Net Integrated Method for Land Use/Land Cover Change Detection Based on Time Series NDVI-Composed Image from PlanetScope Satellite. Water (Switzerland), 2022, 14, 3363.	1.2	4
268	Techniques of Geoprocessing via Cloud in Google Earth Engine Applied to Vegetation Cover and Land Use and Occupation in the Brazilian Semiarid Region. Geographies, 2022, 2, 593-608.	0.6	2
269	Mapping and Monitoring Forest Plantations in São Paulo State, Southeast Brazil, Using Fraction Images Derived from Multiannual Landsat Sensor Images. Forests, 2022, 13, 1716.	0.9	5
270	Analysis of hydrological impacts caused by climatic and anthropogenic changes in Upper Grande River Basin, Brazil. Environmental Earth Sciences, 2022, 81, .	1.3	5
271	Landscape conservation and local interactions with non-crop plants aid in structuring bee assemblages in organic tropical agroecosystems. Journal of Insect Conservation, 0, , .	0.8	1
273	We're building it up to burn it down: fire occurrence and fire-related climatic patterns in Brazilian biomes. PeerJ, 0, 10, e14276.	0.9	2
274	Effects of Local Vegetation and Regional Controls in Near-Surface Air Temperature for Southeastern Brazil. Atmosphere, 2022, 13, 1758.	1.0	1
275	Anthropogenic Pressure on Hydrographic Basin and Coastal Erosion in the Delta of Paraíba do Sul River, Southeast Brazil. Journal of Marine Science and Engineering, 2022, 10, 1585.	1.2	2
276	Considering counterfactual scenarios in conservation planning: Perspectives from a biodiverse mining area in the Atlantic Forest. Perspectives in Ecology and Conservation, 2022, 20, 401-407.	1.0	1
277	Characterization of Land-Cover Changes and Forest-Cover Dynamics in Togo between 1985 and 2020 from Landsat Images Using Google Earth Engine. Land, 2022, 11, 1889.	1.2	7
278	Evolution Simulation and Risk Analysis of Land Use Functions and Structures in Ecologically Fragile Watersheds. Remote Sensing, 2022, 14, 5521.	1.8	2

#	Article	IF	Citations
279	The effect of landscape composition on stingless bee (*Melipona fasciculata*) honey productivity in a wetland ecosystem of Eastern Amazon, Brazil. Journal of Apicultural Research, 2023, 62, 1102-1114.	0.7	2
280	Rapid land use conversion in the Cerrado has affected water transparency in a hotspot of ecotourism, Bonito, Brazil. Tropical Conservation Science, 2022, 15, 194008292211270.	0.6	1
281	Fire propensity in Amazon savannas and rainforest and effects under future climate change. International Journal of Wildland Fire, 2022, , .	1.0	1
282	Integrating carbon footprint to spatialized modeling: The mitigation potential of sugarcane ethanol production in the Brazilian Center-South. Resources, Conservation and Recycling, 2023, 189, 106725.	5.3	5
283	Identifying hotspots for ecosystem restoration across heterogeneous tropical savannah-dominated regions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2023, 378, .	1.8	6
284	Macronutrients and dissolved iron in a land-ocean approach: Influences of contamination by ore tailings in Southeastern Brazil. Frontiers in Marine Science, 0, 9, .	1.2	1
286	The dominant mesopredator and savanna formations shape the distribution of the rare northern tiger cat (Leopardus tigrinus) in the Amazon. Scientific Reports, 2022, 12, .	1.6	8
287	Global Carbon Budget 2022. Earth System Science Data, 2022, 14, 4811-4900.	3.7	492
288	How does the fire regime change after creating a protected area in the Brazilian Cerrado?. Journal for Nature Conservation, 2023, 71, 126318.	0.8	4
289	Designing optimal agrosilvopastoral landscape by the potential for conservation use in Brazil. , 2023, 5, 100045.		0
290	Implications of zero-deforestation palm oil for tropical grassy and dry forest biodiversity. Nature Ecology and Evolution, 0, , .	3.4	2
291	The effect of habitat amount on flight‐related traits in the butterfly *Hamadryas februa* is sex‐dependent. Ecological Entomology, 2023, 48, 135-144.	1.1	1
292	Posts Supporting Anti-Environmental Policy in Brazil are Shared More on Social Media. Environmental Management, 0, , .	1.2	0
293	Dams Pose a Critical Threat to Rivers in Brazil's Cerrado Hotspot. Water (Switzerland), 2022, 14, 3762.	1.2	2
294	Areas susceptible to desertification in Brazil and projected climate change scenarios. Natural Hazards, 0, , .	1.6	0
295	Governance lessons from the Atlantic Forest to the conservation of the Amazon. Perspectives in Ecology and Conservation, 2023, 21, 1-5.	1.0	1
296	Correlates of plant β-diversity in Atlantic Forest patches in the Pernambuco Endemism Centre, Northeastern Brazil. Journal of Tropical Ecology, 2023, 39, .	0.5	1
297	Direct and indirect effects of landscape, forest patch and sampling site predictors on biotic interaction and seed process. Plant Ecology, 0, , .	0.7	0

#	ARTICLE	IF	CITATIONS
298	Land-Use Changes on Ob River Floodplain (Western Siberia, Russia) in Context of Natural and Social Changes over Past 200 Years. Land, 2022, 11, 2258.	1.2	1
299	Recurrent neural networks for rainfall-runoff modeling of small Amazon catchments. Modeling Earth Systems and Environment, 2023, 9, 2517-2531.	1.9	2
300	The distribution, ecology and conservation status of the long-tailed woodnymph Thalurania watertonii. Ornithology Research, 2023, 31, 1-12.	0.6	1
301	A comprehensive strategy for modeling watershed restoration priority areas under epistemic uncertainty: A case study in the Atlantic Forest, Brazil. Journal of Hydrology, 2023, 617, 129003.	2.3	3
302	Fire Dynamics in an Emerging Deforestation Frontier in Southwestern Amazonia, Brazil. Fire, 2023, 6, 2.	1.2	6
303	Habitat loss shapes the structure and species roles in tropical plantâ€"frugivore networks. Oikos, 2023, 2023, .	1.2	2
304	Exploring the Role of Deforestation and Cropland Expansion in Driving a Fire-Transition in the Brazilian Amazon. Land, 2022, 11, 2274.	1.2	2
305	Habitat loss estimation for assessing terrestrial mammalian species extinction risk: an open data framework. PeerJ, 0, 10, e14289.	0.9	2
306	Modelling non-linear deforestation trends for an ecological tension zone in Brazil. Science of Remote Sensing, 2023, , 100076.	2.2	0
307	Towards Sustainable and Livable Cities: Leveraging Remote Sensing, Machine Learning, and Geo-Information Modelling to Explore and Predict Thermal Field Variance in Response to Urban Growth. Sustainability, 2023, 15, 1416.	1.6	6
308	Thirty-Five Years of Aerosolâ€"PBAP in situ Research in Brazil: The Need to Think outside the Amazonian Box. Climate, 2023, 11, 17.	1.2	3
309	Evidence of time-lag in the provision of ecosystem services by tropical regenerating forests to coffee yields. Environmental Research Letters, 2023, 18, 025002.	2.2	2
310	Persisting while changing over time: modelling the historical biogeographic of cave crickets (Orthoptera, Grylloidea) in Neotropics. Journal of Tropical Ecology, 2023, 39, .	0.5	3
311	A Comparison between Supervised Classification Methods: Study Case on Land Cover Change Detection Caused by a Hydroelectric Complex Installation in the Brazilian Amazon. Sustainability, 2023, 15, 1309.	1.6	1
312	Thirty years of geoethic conflicts between natural groundwater vulnerability and land use in a southeastern Brazilian municipality. Sustainable Water Resources Management, 2023, 9, .	1.0	0
313	Exploring the characteristics and driving forces of orchard expansion in ecological fragile region: A case study of three typical counties in the Loess Plateau. Frontiers in Environmental Science, 0, 10, .	1.5	0
314	A monitoring, reporting and verification system for low carbon agriculture: A case study from Brazil. Environmental Science and Policy, 2023, 140, 286-296.	2.4	9
315	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

#	Article	IF	Citations
316	Genetic viability and habitat suitability of the critically endangered southern muriqui (Brachyteles) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 scenarios. Climate Change Ecology, 2023, 5, 100065.	0.9	2
317	Transformações na paisagem regional e a variação na temperatura do ar em Alexânia e Abadiânia - Goiás. Revista Brasileira De Climatologia, 0, 31, 724-752.	0.3	0
318	Predicting Spatial and Decadal LULC Changes in the Singrauli District of Madhya Pradesh Through Artificial Neural Network Models Using Geospatial Technology. Journal of the Indian Society of Remote Sensing, 0, , .	1.2	0
319	Monitoring of Carbon Stocks in Pastures in the Savannas of Brazil through Ecosystem Modeling on a Regional Scale. Land, 2023, 12, 60.	1.2	1
320	Evaluation of the SWAT Model for the Simulation of Flow and Water Balance Based on Orbital Data in a Poorly Monitored Basin in the Brazilian Amazon. Geographies, 2023, 3, 1-18.	0.6	3
321	The drivers and impacts of Amazon forest degradation. Science, 2023, 379, .	6.0	76
322	Jaguars and wild pigs indicate protected area connectivity in the south-east Atlantic Forest (Brazil). Environmental Conservation, 2023, 50, 22-30.	0.7	6
323	Northern Atlantic Forest: Conservation Status and Perspectives. , 2023, , 7-22.		2
324	Land use still matters after deforestation. Communications Earth & Environment, 2023, 4, .	2.6	1
325	Deforestation and agricultural fires in South-West Pará, Brazil, under political changes from 2014 to 2020. Journal of Land Use Science, 2023, 18, 176-195.	1.0	1
326	Tracking Changes in Vegetation Structure Following Fire in the Cerrado Biome Using ICESat‐2. Journal of Geophysical Research G: Biogeosciences, 2023, 128, .	1.3	2
327	Machine learning-based modeling of surface sediment concentration in Doce river basin. Journal of Hydrology, 2023, 619, 129320.	2.3	3
328	Evaluating the potential of biodiversity offsets to achieve net gain. Conservation Biology, 2023, 37, .	2.4	0
329	Modelling and assessing how small hydropower facilities affect sediment transport by using fuzzy inference systems. Journal of Hydrology, 2023, 620, 129374.	2.3	1
330	Grain-cropping suitability for evaluating the agricultural land use change in Brazil. Applied Geography, 2023, 154, 102937.	1.7	4
331	Many losers and few winners in dung beetle responses to Amazonian forest fragmentation. Biological Conservation, 2023, 281, 110024.	1.9	2
332	A systematic review of energy and mass fluxes, and biogeochemical processes in seasonally dry tropical forests and cactus ecosystems. Journal of South American Earth Sciences, 2023, 126, 104330.	0.6	4
333	Land use and green crime: Assessing the edge effect. Land Use Policy, 2023, 129, 106636.	2.5	2

#	ARTICLE	IF	CITATIONS
334	Formalizing tenure of Indigenous lands improved forest outcomes in the Atlantic Forest of Brazil. , 2023, 2, .		6
335	Erosion and Sedimentation Processes in a Semi-Arid Basin of the Brazilian Savanna under Different Land Use, Climate Change, and Conservation Scenarios. Water (Switzerland), 2023, 15, 563.	1.2	5
336	Soil Chemical Properties, Enzyme Activity and Soybean and Corn Yields in a Tropical Soil Under No-till Amended with Lime and Phosphogypsum. International Journal of Plant Production, 2023, 17, 235-250.	1.0	2
337	Biophysical Benefits Simulation Modeling Framework for Investments in Nature-Based Solutions in São Paulo, Brazil Water Supply System. Water (Switzerland), 2023, 15, 681.	1.2	2
338	Continuous mapping of aboveground biomass using Landsat time series. Remote Sensing of Environment, 2023, 288, 113483.	4.6	5
340	Proposition of LULC mapping in progressive detailing for the surroundings of hydroelectric powerplant reservoirs: Case study for the Batalha (Brazil). International Journal of Applied Earth Observation and Geoinformation, 2023, 118, 103218.	0.9	0
341	Land Cover Changes of the Qilian Mountain National Park in Northwest China Based on Phenological Features and Sample Migration from 1990 to 2020. Remote Sensing, 2023, 15, 1074.	1.8	2
342	Per-capita impacts of an invasive grass vary across levels of ecological organization in a tropical savanna. Biological Invasions, 2023, 25, 1811-1826.	1.2	2
343	Diversity profiles of medium and large-size mammals in an Atlantic Forest remnant: seasonal and spatial patterns. Studies on Neotropical Fauna and Environment, 0, , 1-12.	0.5	1
344	Impending anthropogenic threats and protected area prioritization for jaguars in the Brazilian Amazon. Communications Biology, 2023, 6, .	2.0	4
345	Temperature effect on Brazilian soybean yields, and farmers' responses. International Journal of Agricultural Sustainability, 2023, 21, .	1.3	7
346	Land Use Change Net Removals Associated with Sugarcane in Brazil. Land, 2023, 12, 584.	1.2	3
347	Land Use Changes in the Teles Pires River Basin's Amazon and Cerrado Biomes, Brazil, 1986–2020. Sustainability, 2023, 15, 4611.	1.6	2
348	Spatially prioritizing mitigation for amphibian roadkills based on fatality estimation and landscape conversion. Frontiers in Ecology and Evolution, 0, 11, .	1.1	1
350	Forest species for biocultural restoration in eastern Amazon, Brazil. Ethnobiology and Conservation, 0, 12, .	0.0	3
351	Vegetation cover and biodiversity reduce parasite infection in wild hosts across ecological levels and scales. Ecography, 2023, 2023, .	2.1	0
352	Human footprint is associated with shifts in the assemblages of major vector-borne diseases. Nature Sustainability, 2023, 6, 652-661.	11.5	4
353	Earthworms in natural grasslands and agropastoral systems in the Brazilian Pampa. Zootaxa, 2023, 5255, 377-388.	0.2	2

#	ARTICLE	IF	CITATIONS
354	The carbon sink of secondary and degraded humid tropical forests. Nature, 2023, 615, 436-442.	13.7	19
355	Atmospheric mercury in forests: accumulation analysis in a gold mining area in the southern Amazon, Brazil. Environmental Monitoring and Assessment, 2023, 195, .	1.3	2
356	Dynamic Changes in Habitat Quality and the Driving Mechanism in the Luoxiao Mountains Area from 1995 to 2020. Ecosystem Health and Sustainability, 2023, 9, .	0.0	0
357	Defining priorities areas for biodiversity conservation and trading forest certificates in the Cerrado biome in Brazil. Biodiversity and Conservation, 2023, 32, 1807-1820.	1.2	1
358	Geographical distribution and conservation status of Goias parakeet, Pyrrhura pfrimeri (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 Research, 0, , .	0.6	0
359	Deadly disasters in southeastern South America: flash floods and landslides of February 2022 in PetrÃ³polis, Rio de Janeiro. Natural Hazards and Earth System Sciences, 2023, 23, 1157-1175.	1.5	6
360	å…¨çƒç©ºä¸æ°´èµ„æºç®¡ç†æ½œåŠ›çš„å…¨é”®åŒºè¯†å«ä¸Žæº±æ±‡å†æž• Chinese Science Bulletin, 2023, , .	0.4	0
361	International corporations trading Brazilian soy are keystone actors for water stewardship. Communications Earth & Environment, 2023, 4, .	2.6	1
363	Tree Species Classification Based on ASDER and MALSTM-FCN. Remote Sensing, 2023, 15, 1723.	1.8	0
364	Mapping threatened canga ecosystems in the Brazilian savanna using U-Net deep learning segmentation and Sentinel-2 images: a first step toward conservation planning. Biota Neotropica, 2023, 23, .	0.2	0
365	Drug development, Brazilian biodiversity and political choices: Where are we heading?. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2023, 26, 257-274.	2.9	26
366	Assessment of fire hazard in Southwestern Amazon. Frontiers in Forests and Global Change, 0, 6, .	1.0	4
367	A possible deforestation-induced synoptic-scale circulation that delays the rainy season onset in Amazonia. Environmental Research Letters, 2023, 18, 044041.	2.2	7
368	Archetypal classification of vegetation dynamics of a humid subtropical forest region from North-East Argentina. Remote Sensing Applications: Society and Environment, 2023, 30, 100966.	0.8	0
369	Socioeconomic aspects of riparian vegetation debt in the state of Sao Paulo, Brasil. Land Use Policy, 2023, 130, 106652.	2.5	1
370	Neglected tropical diseases risk correlates with poverty and early ecosystem destruction. Infectious Diseases of Poverty, 2023, 12, .	1.5	14
371	Factors affecting the transferability of bioindicators based on stream fish assemblages. Science of the Total Environment, 2023, 881, 163417.	3.9	1
372	Combining optical and microwave remote sensing for assessing gullies in human-disturbed vegetated landscapes. Catena, 2023, 228, 107127.	2.2	1

#	Article	IF	Citations
373	Soil Microbial Biomass, N Nutrition Index, and Yield of Maize Cultivated Under eucalyptus Shade in Integrated crop-livestock-forestry Systems. International Journal of Plant Production, 2023, 17, 323-335.	1.0	3
374	Caves as wildlife refuges in degraded landscapes in the Brazilian Amazon. Scientific Reports, 2023, 13, .	1.6	3
375	Influence of drought and anthropogenic pressures on land use and land cover change in the brazilian semiarid region. Journal of South American Earth Sciences, 2023, 126, 104362.	0.6	9
376	Potential cultivation areas of Euterpe edulis (Martius) for rainforest recovery, repopulation and açaí production in Santa Catarina, Brazil. Scientific Reports, 2023, 13, .	1.6	0
377	Sustainability Consequences of Making Land Change Decisions Based on Current Climatology in the Brazilian Cerrados. Land, 2023, 12, 914.	1.2	0
406	Effects of Land Use Changes on Soil Biodiversity Conservation. Environment & Policy, 2023, , 125-143.	0.4	0
445	Landscape Genetics in the Neotropics. , 2023, , 145-165.		0
463	The Critically Endangered Pampa Cat (<i>Leopardus munoai</i>) on the Brink of Extinction in Brazil: The Little We Know and an Action Plan to Try to Save it. , 0, , .		0
473	Application of Geospatial Techniques in Agricultural Resource Management. , 0, , .		0
482	Fraction Images Derived from Landsat Mss, TM and Oli Images for Monitoring Forest Cover at the Rondônia State, Brazilian Amazon. , 2023, , .		0
483	Hypersaline Tidal Flats Detection Using Deep Learning Over 37 Years of Landsat Data. , 2023, , .		0
484	Integrating Spaceborne Lidar Nasa's Gedi With Imaging Sensors To Map Aboveground Biomass In Fragmented Tropical Forests. , 2023, , .		0
485	Land use and Land Cover Classification in São Paulo, Brazil, Using Landsat-8 Oli Images and Derived Spectral Indices. , 2023, , .		0
494	RE:Growth—A toolkit for analyzing secondary forest aboveground carbon dynamics in the Brazilian Amazon. Frontiers in Forests and Global Change, 0, 6, .	1.0	0
500	Tales from Southern Brazil: Hierarchical Modeling of Occupancy, Abundance, and Density of Atlantic Forest and Pampa Mammals. , 2023, , 69-94.		0
505	Abundance of Coimbra-Filho's Titi Monkey in the Atlantic Forest, Brazil: Use of N-Mixture Models for Acoustic Playback Survey Data. , 2023, , 257-272.		0
508	Automatic LU/LC Mapping Using Google Earth Engine: A Case Study of Egypt's New Delta Project. Springer Proceedings in Earth and Environmental Sciences, 2023, , 333-342.	0.2	0
522	Forests in the South Brazilian Grassland Region. , 2024, , 385-415.		1

#	ARTICLE	IF	CITATIONS
523	Grassland Plant Community Composition and Dynamics: Disturbance as Determinants of Grassland Diversity. , 2024, , 177-204.		1
527	Mechanisms and Processes Shaping Patterns of Forest-Grassland Mosaics in Southern Brazil. , 2024, , 417-443.		1
528	RÃo de la Plata Grasslands: How Did Land-Cover and Ecosystem Functioning Change in the Twenty-First Century?. , 2024, , 475-493.		1