

Abrupt increase in harvested forest area over Europe af

Nature

583, 72-77

DOI: [10.1038/s41586-020-2438-y](https://doi.org/10.1038/s41586-020-2438-y)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The ethics of isolation, the spread of pandemics, and landscape ecology. <i>Landscape Ecology</i> , 2020, 35, 2133-2140.	4.2	18
2	Buildings as a Global Carbon Sink? A Reality Check on Feasibility Limits. <i>One Earth</i> , 2020, 3, 157-161.	6.8	60
3	Managing forest regeneration and expansion at a time of unprecedented global change. <i>Journal of Applied Ecology</i> , 2020, 57, 2310-2315.	4.0	11
4	Radar Satellite Image Time Series Analysis for High-Resolution Mapping of Man-Made Forest Change in Chongming Eco-Island. <i>Remote Sensing</i> , 2020, 12, 3438.	4.0	6
5	Conversion factors for residential wood energy in the European Union: an introduction to harmonizing units of measurement. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 138, 110491.	16.4	5
6	Maintaining natural and traditional cultural green infrastructures across Europe: learning from historic and current landscape transformations. <i>Landscape Ecology</i> , 2021, 36, 637-663.	4.2	23
7	Ten new insights in climate science 2020 – a horizon scan. <i>Global Sustainability</i> , 2021, 4, .	3.3	17
8	Recent increase in European forest harvests as based on area estimates (Ceccherini et al. 2020a) not confirmed in the French case. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	10
10	Strengthening the Network of High Conservation Value Forests in Boreal Landscapes. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	2.2	10
11	Assessment of carbon dioxide removal potential <i>via</i> BECCS in a carbon-neutral Europe. <i>Energy and Environmental Science</i> , 2021, 14, 3086-3097.	30.8	106
13	Improving living biomass C-stock loss estimates by combining optical satellite, airborne laser scanning, and NFI data. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1472-1485.	1.7	9
14	The Three Indices Three Dimensions (3I3D) algorithm: a new method for forest disturbance mapping and area estimation based on optical remotely sensed imagery. <i>International Journal of Remote Sensing</i> , 2021, 42, 4693-4711.	2.9	23
15	Phenology as accuracy metrics for vegetation index forecasting over Tunisian forest and cereal cover types. <i>International Journal of Remote Sensing</i> , 2021, 42, 4644-4671.	2.9	7
16	Free Trade, Environment, Agriculture, and Plurilateral Treaties: The Ambivalent Example of Mercosur, CETA, and the EU–Vietnam Free Trade Agreement. <i>Sustainability</i> , 2021, 13, 3153.	3.2	15
17	Conceptual framework for increasing legitimacy and trust of sustainability governance. <i>Energy, Sustainability and Society</i> , 2021, 11, 5.	3.8	20
18	Construction of All-Wood Trusses with Plywood Nodes and Wooden Pegs: A Strategy towards Resource-Efficient Timber Construction. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2568.	2.5	10
19	Producing wood at least cost to biodiversity: integrating <i>T</i> and sharing “sparing” approaches to inform forest landscape management. <i>Biological Reviews</i> , 2021, 96, 1301-1317.	10.4	61
20	Mapping the deforestation footprint of nations reveals growing threat to tropical forests. <i>Nature Ecology and Evolution</i> , 2021, 5, 845-853.	7.8	142

#	ARTICLE	IF	CITATIONS
21	Does Aiming for Long-Term Non-Decreasing Flow of Timber Secure Carbon Accumulation: A Lithuanian Forestry Case. <i>Sustainability</i> , 2021, 13, 2778.	3.2	8
22	Combined effects of natural disturbances and management on forest carbon sequestration: the case of Vaia storm in Italy. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	8
23	Reply to Wernick, I. K. et al.; PalahÃ; M. et al.. <i>Nature</i> , 2021, 592, E18-E23.	27.8	16
24	Quantifying forest change in the European Union. <i>Nature</i> , 2021, 592, E13-E14.	27.8	31
25	Critical adjustment of land mitigation pathways for assessing countriesâ€™ climate progress. <i>Nature Climate Change</i> , 2021, 11, 425-434.	18.8	61
26	Evapotranspiration Intensification Over Unchanged Temperate Vegetation in the Baltic Countries Is Being Driven by Climate Shifts. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	3
27	Concerns about reported harvests in European forests. <i>Nature</i> , 2021, 592, E15-E17.	27.8	56
28	The Timber Footprint of the German Bioeconomyâ€™State of the Art and Past Development. <i>Sustainability</i> , 2021, 13, 3878.	3.2	11
29	The Known, the Unknown, and the Expected: 130 Years of Research on Non-Lichenized Fungi and Fungus-Like Organisms in the BiaÅ,owieÅ¼a Primeval Forest, Poland. <i>Forests</i> , 2021, 12, 518.	2.1	1
30	Large-scale Carbon Dioxide Removal to Meet the 1.5Â°C Limit: Key Governance Gaps, Challenges and Priority Responses. <i>Global Policy</i> , 2021, 12, 67-81.	1.7	21
31	Different climate sensitivity of particulate and mineral-associated soil organic matter. <i>Nature Geoscience</i> , 2021, 14, 295-300.	12.9	164
32	Effects of Forestry Intensification and Conservation on Green Infrastructures: A Spatio-Temporal Evaluation in Sweden. <i>Land</i> , 2021, 10, 531.	2.9	13
33	Storm and fire disturbances in Europe: Distribution and trends. <i>Global Change Biology</i> , 2021, 27, 3605-3619.	9.5	69
34	PÃf durile virgine Å®n inima Europei. ImportanÅ, a, situaÅ, ia curentÅ, È™i viitorul pÃf durilor virgine ale RomÃ¢niei. <i>Bucovina ForestierÅ, f</i> , 2021, 21, 105-126.	0.1	1
35	JRC study on harvested forest area: resolving key misunderstandings. <i>IForest</i> , 2021, 14, 231-235.	1.4	7
37	Effects of Topography on Planted Trees in a Headwater Catchment on the Chinese Loess Plateau. <i>Forests</i> , 2021, 12, 792.	2.1	9
38	Comparative carbon footprint analysis of residents of wooden and non-wooden houses in Finland. <i>Environmental Research Letters</i> , 2021, 16, 074006.	5.2	8
39	A more complete accounting of greenhouse gas emissions and sequestration in urban landscapes. <i>Anthropocene</i> , 2021, 34, 100296.	3.3	10

#	ARTICLE	IF	CITATIONS
40	Spatially divergent trends of nitrogen versus phosphorus limitation across European forests. <i>Science of the Total Environment</i> , 2021, 771, 145391.	8.0	21
41	A proposal for modifying coppicing geometry in order to reduce soil erosion in the forest areas. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12325.	1.1	0
42	Upward expansion and acceleration of forest clearance in the mountains of Southeast Asia. <i>Nature Sustainability</i> , 2021, 4, 892-899.	23.7	56
43	Recent global land cover dynamics and implications for soil erosion and carbon losses from deforestation. <i>Anthropocene</i> , 2021, 34, 100291.	3.3	42
44	Carbon Sequestration in Mixed Deciduous Forests: The Influence of Tree Size and Species Composition Derived from Model Experiments. <i>Forests</i> , 2021, 12, 726.	2.1	13
45	Circular economy monitoring – How to make it apt for biological cycles?. <i>Resources, Conservation and Recycling</i> , 2021, 170, 105563.	10.8	40
46	Setting the forest reference levels in the European Union: overview and challenges. <i>Carbon Balance and Management</i> , 2021, 16, 23.	3.2	10
47	Land availability in Europe for a radical shift toward bio-based construction. <i>Sustainable Cities and Society</i> , 2021, 70, 102929.	10.4	40
48	Globally relevant lessons from a long-term trial series testing universal hypothesis of the impacts of increasing biomass removal on site productivity and nutrient pools. <i>Forest Ecology and Management</i> , 2021, 494, 119325.	3.2	10
49	Coal to Biomass Conversion as a Path to Sustainability: A Hypothetical Scenario at Pego Power Plant (Abrantes, Portugal). <i>Resources</i> , 2021, 10, 84.	3.5	8
50	European primary forest database v2.0. <i>Scientific Data</i> , 2021, 8, 220.	5.3	22
51	What is unmanaged forest and how does it sustain biodiversity in landscapes with a long history of intensive forestry?. <i>Journal of Applied Ecology</i> , 2021, 58, 1813-1816.	4.0	6
52	Mapping forest condition in Europe: Methodological developments in support to forest biodiversity assessments. <i>Ecological Indicators</i> , 2021, 128, 107839.	6.3	13
53	Timber construction as a multiple valuable sustainable alternative: main characteristics, challenge remarks and affirmative actions. <i>International Journal of Construction Management</i> , 2023, 23, 1334-1343.	3.2	4
54	The factors and scales shaping fungal assemblages in fallen spruce trunks: A DNA metabarcoding study. <i>Forest Ecology and Management</i> , 2021, 495, 119381.	3.2	7
55	Human or natural? Landscape context improves the attribution of forest disturbances mapped from Landsat in Central Europe. <i>Remote Sensing of Environment</i> , 2021, 262, 112502.	11.0	32
56	Soil erodibility in European mountain beech forests. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1846-1855.	1.7	4
57	Overview of recent land cover changes, forest harvest areas, and soil erosion trends in Nordic countries. <i>Geography and Sustainability</i> , 2021, 2, 163-174.	4.3	13

#	ARTICLE	IF	CITATIONS
58	Identification of Silvicultural Practices in Mediterranean Forests Integrating Landsat Time Series and a Single Coverage of ALS Data. <i>Remote Sensing</i> , 2021, 13, 3611.	4.0	6
59	Embodied carbon assessment using a dynamic climate model: Case-study comparison of a concrete, steel and timber building structure. <i>Structures</i> , 2021, 33, 90-98.	3.6	42
60	A systems perspective analysis of an increased use of forest bioenergy in Canada: Potential carbon impacts and policy recommendations. <i>Journal of Cleaner Production</i> , 2021, 321, 128889.	9.3	5
61	Monitoring temperate forest degradation on Google Earth Engine using Landsat time series analysis. <i>Remote Sensing of Environment</i> , 2021, 265, 112648.	11.0	58
62	Country-wide mapping of harvest areas and post-harvest forest recovery using Landsat time series data in Japan. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 104, 102555.	2.8	8
63	Life cycle assessment of carbon dioxide removal technologies: a critical review. <i>Energy and Environmental Science</i> , 2021, 14, 1701-1721.	30.8	141
64	Improved Mapping of Long-Term Forest Disturbance and Recovery Dynamics in the Subtropical China Using All Available Landsat Time-Series Imagery on Google Earth Engine Platform. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 2754-2768.	4.9	23
65	Monitoring of Bark Beetle Forest Damages. , 2021, , 351-361.		0
66	How Europe can fix its forests data gap. <i>Nature</i> , 2020, 583, 8-8.	27.8	2
67	What does Brazil know about the origin and uses of tree species employed in the housing sector? Perspectives on available species, origin and current challenges. <i>International Forestry Review</i> , 2021, 23, 392-404.	0.6	3
68	Forest and forestry policy between the EU and its Member States. <i>Elni Review</i> , 2020, , 16-24.	0.1	2
69	Accurate tracking of forest activity key to multi-jurisdictional management goals: A case study in California. <i>Journal of Environmental Management</i> , 2022, 302, 114083.	7.8	14
70	Northernmost European spruce bark beetle <i>Ips typographus</i> outbreak: Modelling tree mortality using remote sensing and climate data. <i>Forest Ecology and Management</i> , 2022, 505, 119829.	3.2	22
71	The Role of Forests in Climate Change Mitigation: The EU Context. <i>Managing Forest Ecosystems</i> , 2022, , 507-520.	0.9	8
72	Socio-Economic Effects of National Park Governance and Management: Lessons from Post-Socialist Era Estonia. <i>Land</i> , 2021, 10, 1257.	2.9	5
73	Itaconic acid-urea-acrylic acid copolymer as a novel water and nutrient retaining fertilizer. <i>Environmental Technology and Innovation</i> , 2022, 25, 102140.	6.1	3
74	Inflation of wood resources in European forests: The footprints of a big-bang. <i>PLoS ONE</i> , 2021, 16, e0259795.	2.5	5
75	Thinning Effect of C Sequestration along an Elevation Gradient of Mediterranean <i>Pinus</i> spp. Plantations. <i>Forests</i> , 2021, 12, 1583.	2.1	5

#	ARTICLE	IF	CITATIONS
76	Nitrate as a predictor of cyanobacteria biomass in eutrophic lakes in a climate change context. <i>Science of the Total Environment</i> , 2022, 818, 151807.	8.0	8
77	Assessing forest governance innovations in Europe: Needs, challenges and ways forward for sustainable forest ecosystem service provision. <i>Ecosystem Services</i> , 2021, 52, 101384.	5.4	17
78	Growing Trees for a Degrowth Society: An Approach to Switzerland's Forest Sector. <i>Environmental Values</i> , 2022, 31, 721-750.	1.2	1
79	Developing fine-grained nationwide predictions of valuable forests using biodiversity indicator bird species. <i>Ecological Applications</i> , 2022, 32, e2505.	3.8	15
80	Assessing the potential for unaccounted emissions from bioenergy and the implications for forests: The United States and global. <i>GCB Bioenergy</i> , 2022, 14, 322-345.	5.6	6
81	Canopy characterization of sweet chestnut coppice in the north of Spain from lidar data. <i>European Journal of Forest Research</i> , 2022, 141, 267-279.	2.5	0
82	Automatic Identification of Forest Disturbance Drivers Based on Their Geometric Pattern in Atlantic Forests. <i>Remote Sensing</i> , 2022, 14, 697.	4.0	2
83	Forest cover loss in the Nevado de Toluca volcano protected area (Mexico) after the change to a less restrictive category in 2013. <i>Biodiversity and Conservation</i> , 2022, 31, 871-894.	2.6	6
85	Sustainable use of wood in wine spirit production. , 2022, , 259-280.		0
86	Global Forest Biodiversity: Current State, Trends, and Threats. <i>Progress in Botany Fortschritte Der Botanik</i> , 2022, , 125-159.	0.3	1
88	Increasing loss of mature boreal forests around protected areas with red-listed forest species. <i>Ecological Processes</i> , 2022, 11, .	3.9	8
89	Harvested area did not increase abruptly—how advancements in satellite-based mapping led to erroneous conclusions. <i>Annals of Forest Science</i> , 2022, 79, .	2.0	12
90	Diversifying Forest Landscape Management—A Case Study of a Shift from Native Forest Logging to Plantations in Australian Wet Forests. <i>Land</i> , 2022, 11, 407.	2.9	5
91	Assessing Landsat-8 and Sentinel-2 spectral-temporal features for mapping tree species of northern plantation forests in Heilongjiang Province, China. <i>Forest Ecosystems</i> , 2022, 9, 100032.	3.1	10
92	Uncertainty of Historic GLAD Forest Data in Temperate Climates and Implications for Forest Change Modelling. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 177.	2.9	1
93	Biomass from trees for bioenergy and biofuels — A briefing paper. <i>Materials Today: Proceedings</i> , 2022, 65, 461-467.	1.8	3
94	European Forest Governance: Status Quo and Optimising Options with Regard to the Paris Climate Target. <i>Sustainability</i> , 2022, 14, 4365.	3.2	7
95	Material Diets for Climate-Neutral Construction. <i>Environmental Science & Technology</i> , 2022, 56, 5213-5223.	10.0	21

#	ARTICLE	IF	CITATIONS
96	Forest management impact on soil organic carbon: A paired-plot study in primeval and managed European beech forests. <i>Forest Ecology and Management</i> , 2022, 512, 120163.	3.2	7
97	Glasgow forest declaration needs new modes of data ownership. <i>Nature Climate Change</i> , 2022, 12, 415-417.	18.8	11
98	Bio-based materials as a robust solution for building renovation: A case study. <i>Applied Energy</i> , 2022, 316, 119102.	10.1	23
99	Research hotspots and trends of carbon neutrality in international trade. <i>Journal of Natural Resources</i> , 2022, 37, 1303.	0.6	4
102	Exploring Current Status and Evolutionary Trends on the Paid Use of State-Owned Forest Resources in China: A Bibliometric Perspective. <i>Sustainability</i> , 2022, 14, 5516.	3.2	3
103	“Sustainable” biomass: A paper tiger when it comes to reducing carbon emissions. <i>Bulletin of the Atomic Scientists</i> , 2022, 78, 139-147.	0.6	4
104	Public perceptions of using forests to fuel the European bioeconomy: Findings from eight university cities. <i>Forest Policy and Economics</i> , 2022, 140, 102749.	3.4	3
105	Monitoring Forest Recovery in Protected Forests of Northern Côte d’Ivoire Using Landsat Imagery and Intensity Change Analysis. <i>Advances in Remote Sensing</i> , 2022, 11, 17-37.	0.9	1
106	Investigation of Long-Term Forest Dynamics in Protected Areas of Northeast China Using Landsat Data. <i>Remote Sensing</i> , 2022, 14, 2988.	4.0	1
107	Hemiboreal forests’ CO ₂ fluxes response to the European 2018 heatwave. <i>Agricultural and Forest Meteorology</i> , 2022, 323, 109042.	4.8	7
108	Alternative Materials from Agro-Industry for Wood Panel Manufacturing—A Review. <i>Materials</i> , 2022, 15, 4542.	2.9	7
109	Potentials and limitations of NFIs and remote sensing in the assessment of harvest rates: a reply to Breidenbach et al.. <i>Annals of Forest Science</i> , 2022, 79, .	2.0	1
110	Contrasting Forest Loss and Gain Patterns in Subtropical China Detected Using an Integrated LandTrendr and Machine-Learning Method. <i>Remote Sensing</i> , 2022, 14, 3238.	4.0	7
111	A spatiotemporal ensemble machine learning framework for generating land use/land cover time-series maps for Europe (2000–2019) based on LUCAS, CORINE and GLAD Landsat. <i>PeerJ</i> , 0, 10, e13573.	2.0	13
112	Detecting Mountain Forest Dynamics in the Eastern Himalayas. <i>Remote Sensing</i> , 2022, 14, 3638.	4.0	1
113	Transformation of <i>Buxus sinica</i> into high-quality biocomposites via an innovative and environmentally-friendly physical approach. <i>Applied Surface Science</i> , 2022, 606, 154595.	6.1	7
114	The timber footprint of German bioeconomy scenarios compared to the planetary boundaries for sustainable roundwood supply. <i>Sustainable Production and Consumption</i> , 2022, 33, 686-699.	11.0	6
115	Carrying out a multi-model integrated assessment of European energy transition pathways: Challenges and benefits. <i>Energy</i> , 2022, 258, 124329.	8.8	6

#	ARTICLE	IF	CITATIONS
116	A new composite indicator to assess and monitor performance and drawbacks of the implementation of Aichi Biodiversity Targets. <i>Ecological Economics</i> , 2022, 201, 107553.	5.7	2
117	Cost of ligno-cellulosic biomass production for bioenergy: A review in 45 countries. <i>Biomass and Bioenergy</i> , 2022, 165, 106583.	5.7	7
118	Sentiments Toward Use of Forest Biomass for Heat and Power in Canadian Headlines. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
119	The Way Forward: Management and Policy Actions. <i>Managing Forest Ecosystems</i> , 2022, , 229-248.	0.9	0
120	Barriers and opportunities of fast-growing biobased material use in buildings. <i>Buildings and Cities</i> , 2022, 3, 745-755.	2.3	8
121	Reviewed Commentary: Factory-Grown Wood, the Future of Forestry?. <i>Wood and Fiber Science</i> , 2022, 54, 212-224.	0.6	1
122	Analyzing the Spatiotemporal Patterns of Forests Carbon Sink and Sources Between 2000 and 2019. <i>Earth's Future</i> , 2022, 10, .	6.3	3
123	Global desert expansion during the 21st century: Patterns, predictors and signals. <i>Land Degradation and Development</i> , 2023, 34, 377-388.	3.9	2
124	The development of governance innovations for the sustainable provision of forest ecosystem services in Europe: A comparative analysis of four pilot innovation processes. <i>Ecosystem Services</i> , 2022, 58, 101481.	5.4	5
125	Increased Central European forest mortality explained by higher harvest rates driven by enhanced productivity. <i>Environmental Research Letters</i> , 2022, 17, 114007.	5.2	1
126	Feasibility of enhancing carbon sequestration and stock capacity in temperate and boreal European forests via changes to management regimes. <i>Agricultural and Forest Meteorology</i> , 2022, 327, 109203.	4.8	18
127	Impacts of the US southeast wood pellet industry on local forest carbon stocks. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
128	Combined threats of climate change and land use to boreal protected areas with red-listed forest species in Finland. <i>Global Ecology and Conservation</i> , 2023, 41, e02348.	2.1	1
129	Edge AI-Based Tree Trunk Detection for Forestry Monitoring Robotics. <i>Robotics</i> , 2022, 11, 136.	3.5	8
130	Assessing and mitigating systematic errors in forest attribute maps utilizing harvester and airborne laser scanning data. <i>Canadian Journal of Forest Research</i> , 2023, 53, 284-301.	1.7	1
131	Contrasting Responses of Alien and Ancient Forest Indicator Plant Species to Fragmentation Process in the Temperate Lowland Forests. <i>Plants</i> , 2022, 11, 3392.	3.5	1
132	The impact of abiotic and biotic factors on growth, mortality and net tree C stock in mountain forest ecosystems in southwest China. <i>Environmental Research Letters</i> , 2022, 17, 124037.	5.2	0
133	Vegetation disturbances characterization in the Tibetan Plateau from 1986 to 2018 using Landsat time series and field observations. <i>Environmental Research Letters</i> , 0, , .	5.2	0

#	ARTICLE	IF	CITATIONS
134	Land degradation in the European Union—Where does the evidence converge?. <i>Land Degradation and Development</i> , 2023, 34, 2256-2275.	3.9	3
135	Forest disturbance decreased in China from 1986 to 2020 despite regional variations. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	11
136	Changes in multiple ecosystem services and their influencing factors in Nordic countries. <i>Ecological Indicators</i> , 2023, 146, 109847.	6.3	15
137	Biodiversity in the Lyme-light: ecological restoration and tick-borne diseases in Europe. <i>Trends in Parasitology</i> , 2023, 39, 373-385.	3.3	1
138	Sentiments toward use of forest biomass for heat and power in canadian headlines. <i>Heliyon</i> , 2023, 9, e13254.	3.2	0
139	A simplified multi-model statistical approach for predicting the effects of forest management on land surface temperature in Fennoscandia. <i>Agricultural and Forest Meteorology</i> , 2023, 332, 109362.	4.8	5
141	The spatial and temporal distribution of China’s forest carbon. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	2.2	5
142	LuojiaAI: A cloud-based artificial intelligence platform for remote sensing image interpretation. <i>Geo-Spatial Information Science</i> , 2023, 26, 218-241.	5.3	2
144	Net Climate Effects of Moose Browsing in Early Successional Boreal Forests by Integrating Carbon and Albedo Dynamics. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2023, 128, .	3.0	3
145	A Circumpolar Perspective on the Contribution of Trees to the Boreal Forest Carbon Balance. <i>Advances in Global Change Research</i> , 2023, , 271-294.	1.6	1
146	Deep learning enables image-based tree counting, crown segmentation, and height prediction at national scale. , 2023, 2, .		10
147	Spatial patterns of biomass change across Finland in 2009—2015. <i>ISPRS Open Journal of Photogrammetry and Remote Sensing</i> , 2023, 8, 100036.	3.1	0
148	Mapping Annual Global Forest Gain From 1983 to 2021 With Landsat Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2023, 16, 4195-4204.	4.9	3
149	Climate targets in European timber-producing countries conflict with goals on forest ecosystem services and biodiversity. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	8
150	Biodiversity response to rapid successive land cover conversions in human-dominated landscapes. <i>Global Ecology and Conservation</i> , 2023, 45, e02510.	2.1	2
151	Forest islands in farmland provide vital roost trees year-round for giant and common noctule bats: Management implications. <i>Forest Ecology and Management</i> , 2023, 540, 121053.	3.2	6
152	How much wood can we expect from European forests in the near future?. <i>Forestry</i> , 0, , .	2.3	0
153	Forest protection in the EU's renewable energy directive and nature conservation legislation in light of the climate and biodiversity crisis — Identifying legal shortcomings and solutions. <i>Forest Policy and Economics</i> , 2023, 153, 102996.	3.4	3

#	ARTICLE	IF	CITATIONS
154	The relevance of cut-stone to strategies for low-carbon buildings. <i>Buildings and Cities</i> , 2023, 4, 229-257.	2.3	0
155	European forest sinks and climate targets: past trends, main drivers, and future forecasts. <i>European Journal of Forest Research</i> , 2023, 142, 1207-1224.	2.5	4
156	The future of global land change monitoring. <i>International Journal of Digital Earth</i> , 2023, 16, 2279-2300.	3.9	4
157	About artificial pine plantations in Arkhangelsk region. <i>AIP Conference Proceedings</i> , 2023, , .	0.4	0
158	The potential of an increased deciduous forest fraction to mitigate the effects of heat extremes in Europe. <i>Biogeosciences</i> , 2023, 20, 2237-2250.	3.3	2
159	Area Estimation and Accuracy Assessment for Forest Change Maps Derived from Satellite Data. <i>Journal of the Japanese Forest Society</i> , 2023, 105, 166-182.	0.2	0
160	Working in (Slow) Progress: Socio-Environmental and Economic Dynamics in the Forestry Sector and the Contribution to Sustainable Development in Europe. <i>Sustainability</i> , 2023, 15, 10271.	3.2	2
162	Annual emissions of carbon from land use, land-use change, and forestry from 1850 to 2020. <i>Earth System Science Data</i> , 2023, 15, 2025-2054.	9.9	9
163	Temperate forest understory vegetation shifts after 40 years of conservation. <i>Science of the Total Environment</i> , 2023, 895, 165164.	8.0	0
164	Changes in land use and management led to a decline in Eastern Europe's terrestrial carbon sink. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	8
165	High-Temperature Supercapacitors Based on MXene with Ultrahigh Volumetric Capacitance. , 2023, 5, 2084-2095.		11
166	Organic Agriculture in the Context of 2030 Agenda Implementation in European Union Countries. <i>Sustainability</i> , 2023, 15, 10582.	3.2	4
167	Natural Climate Solutions must embrace multiple perspectives to ensure synergy with sustainable development. <i>Frontiers in Climate</i> , 0, 5, .	2.8	2
168	Estimation of the Overmature Wood Stock and the Projection of the Maximum Wood Mobilization Potential up to 2100 in Hungary. <i>Forests</i> , 2023, 14, 1516.	2.1	1
169	The role of forests in the EU climate policy: are we on the right track?. <i>Carbon Balance and Management</i> , 2023, 18, .	3.2	3
170	High-resolution land use and land cover dataset for regional climate modelling: historical and future changes in Europe. <i>Earth System Science Data</i> , 2023, 15, 3819-3852.	9.9	2
171	Urea's "Straw" Starch Fertilizer with Tunable Water- and Nutrient-Retaining Properties Assisted by High-Energy Electron-Beam Irradiation. <i>ACS Omega</i> , 0, , .	3.5	0
172	Earth-Observation-Based Monitoring of Forests in Germany's Recent Progress and Research Frontiers: A Review. <i>Remote Sensing</i> , 2023, 15, 4234.	4.0	0

#	ARTICLE	IF	CITATIONS
173	Leveraging research infrastructure co-location to evaluate constraints on terrestrial carbon cycling in northern European forests. <i>Ambio</i> , 2023, 52, 1819-1831.	5.5	1
174	A Systematic Review of the Latest Research Trends on the Use of Satellite Imagery in Solid Waste Disposal Applications from 2012 to 2021. <i>Environments - MDPI</i> , 2023, 10, 128.	3.3	1
175	Modelling Global Deforestation Using Spherical Geographic Automata Approach. <i>ISPRS International Journal of Geo-Information</i> , 2023, 12, 306.	2.9	0
176	IMPACT OF LULUCF ACCOUNTING RULES FOR CLIMATE CHANGE MITIGATION GOALS: WINNING OR LOSING?. <i>Journal of Environmental Engineering and Landscape Management</i> , 2023, 31, 164-175.	1.0	0
177	Toward forest dynamicsâ€™ systematic knowledge: concept study of a multi-sensor visually tracked rover including a new insect radar for high-accuracy robotic monitoring. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	2.2	1
178	Tree canopy extent and height change in Europe, 2001â€“2021, quantified using Landsat data archive. <i>Remote Sensing of Environment</i> , 2023, 298, 113797.	11.0	3
179	The overlooked contribution of trees outside forests to tree cover and woody biomass across Europe. <i>Science Advances</i> , 2023, 9, .	10.3	5
181	The consolidated European synthesis of CO ₂ emissions and removals for the European Union and United Kingdom: 1990â€“2020. <i>Earth System Science Data</i> , 2023, 15, 4295-4370.	9.9	0
182	Depicting wood-based sectors to inform policymaking: A structural modeling approach centering on networks of markets. <i>Forest Policy and Economics</i> , 2023, 157, 103078.	3.4	0
183	Substantial and increasing global losses of timber-producing forest due to wildfires. <i>Nature Geoscience</i> , 2023, 16, 1145-1150.	12.9	3
184	Novel light regimes in European forests. <i>Nature Ecology and Evolution</i> , 2024, 8, 196-202.	7.8	2
185	Dynamic material flow analysis of wood in Germany from 1991 to 2020. <i>Resources, Conservation and Recycling</i> , 2024, 201, 107339.	10.8	0
186	Net zero emission buildings: a review of academic literature and national roadmaps. <i>Environmental Research: Infrastructure and Sustainability</i> , 2023, 3, 042002.	2.3	0
187	The Use of Waste Tyre Rubber Recycled Products in Lightweight Timber Frame Systems as Acoustic Insulation: A Comparative Analysis of Acoustic Performance. <i>Buildings</i> , 2024, 14, 35.	3.1	0
188	Benchmark for Automatic Clear-Cut Morphology Detection Methods Derived from Airborne Lidar Data. <i>Forests</i> , 2023, 14, 2408.	2.1	1
189	The impact of wind energy on plant biomass production in China. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
190	Assessing Forest Conservation for Finland: An ARDL-Based Evaluation. <i>Sustainability</i> , 2024, 16, 612.	3.2	0
191	Drought initialised bark beetle outbreak in Central Europe: Meteorological factors and infestation dynamic. <i>Forest Ecology and Management</i> , 2024, 554, 121666.	3.2	3

#	ARTICLE	IF	CITATIONS
192	Green economy transition in Asia Pacific: A holistic assessment of renewable energy production. Journal of Cleaner Production, 2024, 437, 140648.	9.3	0
193	Climate Change Mitigation Potential of Forestry Sector for Sustainability of Agro-Ecosystem: A Review. Current World Environment Journal, 2024, 18, 914-932.	0.5	0
194	Sensors for Digital Transformation in Smart Forestry. Sensors, 2024, 24, 798.	3.8	1
195	Coumarins in Spirit Beverages: Sources, Quantification, and Their Involvement in Quality, Authenticity and Food Safety. Applied Sciences (Switzerland), 2024, 14, 1010.	2.5	0
196	Role of fragmented forests for maintaining a herbivore assemblage in agroecosystem. Journal of Asia-Pacific Entomology, 2024, 27, 102208.	0.9	0
197	The genome sequence of the forest hoverfly, <i>Brachypalpus laphriformis</i> (Fall�n, 1816). Wellcome Open Research, 0, 9, 39.	1.8	0
198	A Systematic Review of the Effects of Multi-purpose Forest Management Practices on the Breeding Success of Forest Birds. Current Forestry Reports, 2024, 10, 175-195.	7.4	0