

Quantifying impacts of the 2018 drought on European e

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Large-scale early wilting response of Central European forests to the 2018 extreme drought. <i>Global Change Biology</i> , 2020, 26, 7021-7035.	9.5	80
2	Warmer spring alleviated the impacts of 2018 European summer heatwave and drought on vegetation photosynthesis. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108195.	4.8	48
3	The record-breaking compound hot and dry 2018 growing season in Germany. <i>Weather and Climate Extremes</i> , 2020, 29, 100270.	4.1	72
4	Lessons from the 2018 drought for management of local water supplies in upland areas: A tracer-based assessment. <i>Hydrological Processes</i> , 2020, 34, 4190-4210.	2.6	16
5	Spatiotemporal variation of streambed quality and fine sediment deposition in five freshwater pearl mussel streams, in relation to extreme drought, strong rain and snow melt. <i>Limnologia</i> , 2020, 85, 125833.	1.5	20
6	Modeling multivariate landscape affordances and functional ecosystem connectivity in landscape archeology. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	10
7	A historical, geographical and ecological perspective on the 2018 European summer drought. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190505.	4.0	89
8	Potential Effects of the COVID-19 Pandemic through Changes in Outbound Tourism on Water Demand: The Case of Liège (Belgium). <i>Water (Switzerland)</i> , 2020, 12, 2820.	2.7	16
9	The European carbon cycle response to heat and drought as seen from atmospheric CO ₂ data for 1999–2018. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190506.	4.0	19
10	The fingerprint of the summer 2018 drought in Europe on ground-based atmospheric CO ₂ measurements. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190513.	4.0	31
11	Spring enhancement and summer reduction in carbon uptake during the 2018 drought in northwestern Europe. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190509.	4.0	39
12	Excess forest mortality is consistently linked to drought across Europe. <i>Nature Communications</i> , 2020, 11, 6200.	12.8	221
13	Stable Allometric Trajectories in <i>Picea abies</i> (L.) Karst. Trees along an Elevational Gradient. <i>Forests</i> , 2020, 11, 1231.	2.1	1
14	Tracing Real-Time Transnational Hydrologic Sensitivity and Crop Irrigation in the Upper Rhine Area over the Exceptional Drought Episode 2018–2020 Using Open Source Sentinel-2 Data. <i>Water (Switzerland)</i> , 2020, 12, 3298.	2.7	5
15	Higher susceptibility of beech to drought in comparison to oak. <i>Dendrochronologia</i> , 2020, 64, 125780.	2.2	25
16	Changes in the Characteristics of Dry and Wet Periods in Europe (1851–2015). <i>Atmosphere</i> , 2020, 11, 1080.	2.3	10
17	Capturing the Impact of the 2018 European Drought and Heat across Different Vegetation Types Using OCO-2 Solar-Induced Fluorescence. <i>Remote Sensing</i> , 2020, 12, 3249.	4.0	25
18	Provenance selection and site conditions determine growth performance of pedunculate oak. <i>Dendrochronologia</i> , 2020, 61, 125705.	2.2	25

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19	Climatic factors controlling stem growth of alien tree species at a mesic forest site: a multispecies approach. <i>European Journal of Forest Research</i> , 2020, 139, 915-934.	2.5	3
20	An Integrative Information Aqueduct to Close the Gaps between Satellite Observation of Water Cycle and Local Sustainable Management of Water Resources. <i>Water (Switzerland)</i> , 2020, 12, 1495.	2.7	12
21	Affordable Phenotyping of Winter Wheat under Field and Controlled Conditions for Drought Tolerance. <i>Agronomy</i> , 2020, 10, 882.	3.0	23
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23	Tree growth at the end of the 21st century - the extreme years 2018/19 as template for future growth conditions. <i>Environmental Research Letters</i> , 2020, 15, 074022.	5.2	37
24	Species interactions under climate change in mixed stands of Scots pine and pedunculate oak. <i>Forest Ecology and Management</i> , 2021, 481, 118615.	3.2	14
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26	Using soil water isotopes to infer the influence of contrasting urban green space on ecohydrological partitioning. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 927-943.	4.9	19
27	A revision of the Combined Drought Indicator (CDI) used in the European Drought Observatory (EDO). <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 481-495.	3.6	29
28	Europe under multi-year droughts: how severe was the 2014â€“2018 drought period?. <i>Environmental Research Letters</i> , 2021, 16, 034062.	5.2	66
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33	The European Heat Wave 2018: The Dendroecological Response of Oak and Spruce in Western Germany. <i>Forests</i> , 2021, 12, 283.	2.1	8
34	Climate Change Effects on Temperate Grassland and Its Implication for Forage Production: A Case Study from Northern Germany. <i>Agriculture (Switzerland)</i> , 2021, 11, 232.	3.1	18
35	Emergent spatial patterns of competing benthic and pelagic algae in a river network: A parsimonious basin-scale modeling analysis. <i>Water Research</i> , 2021, 193, 116887.	11.3	12
36	The Timber Footprint of the German Bioeconomyâ€“State of the Art and Past Development. <i>Sustainability</i> , 2021, 13, 3878.	3.2	11
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40	Increasing canopy mortality affects the future demographic structure of Europe's forests. One Earth, 2021, 4, 749-755.	6.8	46
41	High plasticity in germination and establishment success in the dominant forest tree <i>Fagus sylvatica</i> across Europe. Global Ecology and Biogeography, 2021, 30, 1583-1596.	5.8	15
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51	Sentinel-2 Analysis of Spruce Crown Transparency Levels and Their Environmental Drivers After Summer Drought in the Northern Eifel (Germany). Frontiers in Forests and Global Change, 2021, 4, .	2.3	10
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53	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975â€“2019. Atmosphere, 2021, 12, 941.	2.3	27
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57	Factors influencing residential water consumption in Wallonia, Belgium. <i>Utilities Policy</i> , 2022, 74, 101281.	4.0	11
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63	Tree mortality of European beech and Norway spruce induced by 2018-2019 hot droughts in central Germany. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108482.	4.8	86
64	Coastal heathland vegetation is surprisingly resistant to experimental drought across successional stages and latitude. <i>Oikos</i> , 2021, 130, 2015-2027.	2.7	5
65	A New Framework for Identifying and Investigating Seasonal Climate Extremes. <i>Journal of Climate</i> , 2021, 34, 7761-7782.	3.2	4
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76	The extremely warm summer of 2018 in Sweden “ set in a historical context. <i>Earth System Dynamics</i> , 2020, 11, 1107-1121.	7.1	26
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83	Climate Signals for Growth Variations of <i>F. sylvatica</i> , <i>P. abies</i> , and <i>P. sylvestris</i> in Southeast Germany over the Past 50 Years. <i>Forests</i> , 2021, 12, 1433.	2.1	12
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94	Multi-Year Eddy-Covariance Measurements at a Pre-Alpine Humid Grassland Site: Dataset Overview, Drought Responses, and Effects of Land Management. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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112	Record summers in Europe: Variations in drought and heavy precipitation during 1901â€“2018. <i>International Journal of Climatology</i> , 2022, 42, 6235-6257.	3.5	12
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115	Assessment of Drought-Tolerant Provenances of Austriaâ€™s Indigenous Tree Species. <i>Sustainability</i> , 2022, 14, 2861.	3.2	0
116	The role of species interactions for forest resilience to drought. <i>Plant Biology</i> , 2022, 24, 1098-1107.	3.8	36
117	Satellite data reveal differential responses of Swiss forests to unprecedented 2018 drought. <i>Global Change Biology</i> , 2022, 28, 2956-2978.	9.5	28
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127	Interactive effects of drought and edge exposure on old-growth forest understory species. <i>Landscape Ecology</i> , 2022, 37, 1839-1853.	4.2	8
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150	Multi-year eddy-covariance measurements at a pre-alpine humid grassland site: Dataset overview, drought responses, and effects of land management. <i>Agricultural and Forest Meteorology</i> , 2022, 326, 109166.	4.8	1
151	Features predisposing forest to bark beetle outbreaks and their dynamics during drought. <i>Forest Ecology and Management</i> , 2022, 523, 120480.	3.2	12
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