

Large contribution from anthropogenic warming to an megadrought

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Prominent role of volcanism in Common Era climate variability and human history. <i>Dendrochronologia</i> , 2020, 64, 125757.	1.0	66
2	A multimillennial climatic context for the megafaunal extinctions in Madagascar and Mascarene Islands. <i>Science Advances</i> , 2020, 6, .	4.7	33
3	Decomposition of roots of different diameters in response to different drought periods in a subtropical evergreen broad-leaf forest in Ailao Mountain. <i>Global Ecology and Conservation</i> , 2020, 24, e01236.	1.0	3
4	Dust Impacts of Rapid Agricultural Expansion on the Great Plains. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090347.	1.5	21
5	Unprecedented Drought Challenges for Texas Water Resources in a Changing Climate: What Do Researchers and Stakeholders Need to Know?. <i>Earth's Future</i> , 2020, 8, e2020EF001552.	2.4	38
6	Spatially coherent regional changes in seasonal extreme streamflow events in the United States and Canada since 1950. <i>Science Advances</i> , 2020, 6, .	4.7	31
7	Projected Changes in Reference Evapotranspiration in California and Nevada: Implications for Drought and Wildland Fire Danger. <i>Earth's Future</i> , 2020, 8, e2020EF001736.	2.4	27
8	A climatic dipole drives short- and long-term patterns of postfire forest recovery in the western United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29730-29737.	3.3	22
9	Human-caused climate change in United States national parks and solutions for the future. <i>Parks Stewardship Forum</i> , 2020, 36, .	0.2	2
10	Multidecadal records of intrinsic water-use efficiency in the desert shrub <i>Encelia farinosa</i> reveal strong responses to climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18161-18168.	3.3	30
11	Human-environmental interactions in Mediterranean climate regions from the Pleistocene to the Anthropocene. <i>Anthropocene</i> , 2020, 31, 100253.	1.6	20
12	Stronger influence of growth rate than severity of drought stress on mortality of large ponderosa pines during the 2012–2015 California drought. <i>Oecologia</i> , 2020, 194, 359-370.	0.9	11
13	Geomorphic and Sedimentary Effects of Modern Climate Change: Current and Anticipated Future Conditions in the Western United States. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000692.	9.0	68
14	Global Characterization of the Varying Responses of the Standardized Precipitation Evapotranspiration Index to Atmospheric Evaporative Demand. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033017.	1.2	35
15	Asymmetric responses of ecosystem productivity to rainfall anomalies vary inversely with mean annual rainfall over the conterminous United States. <i>Global Change Biology</i> , 2020, 26, 6959-6973.	4.2	31
16	Landfalling Droughts: Global Tracking of Moisture Deficits From the Oceans Onto Land. <i>Water Resources Research</i> , 2020, 56, e2019WR026877.	1.7	24
17	Can Exploratory Modeling of Water Scarcity Vulnerabilities and Robustness Be Scenario Neutral?. <i>Earth's Future</i> , 2020, 8, e2020EF001650.	2.4	30
18	Intraspecific Genetic Variation and Species Interactions Contribute to Community Evolution. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 587-612.	3.8	46

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19	Development of an In Vitro Method of Propagation for <i>Artemisia tridentata</i> subsp. <i>tridentata</i> to Support Genome Sequencing and Genotype-by-Environment Research. <i>Plants</i> , 2020, 9, 1717.	1.6	8
20	2,200-Year tree-ring and lake-sediment based snowpack reconstruction for the northern Rocky Mountains highlights the historic magnitude of recent snow drought. <i>Quaternary Science Advances</i> , 2020, 2, 100013.	1.1	6
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22	Climate change and the aridification of North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11856-11858.	3.3	126
23	Great Basin Paleoclimate and Aridity Linked to Arctic Warming and Tropical Pacific Sea Surface Temperatures. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003785.	1.3	20
24	Warm, dry conditions inhibit aspen growth, but tree growth and size predict mortality risk in the southwestern United States. <i>Canadian Journal of Forest Research</i> , 2020, 50, 1206-1214.	0.8	3
25	The Case for an Open Water Balance: Reenvisioning Network Design and Data Analysis for a Complex, Uncertain World. <i>Water Resources Research</i> , 2020, 56, e2019WR026699.	1.7	36
26	Restoration ecology of arid lands (REAL). <i>Restoration Ecology</i> , 2020, 28, A3.	1.4	5
27	Anthropogenic megadrought. <i>Science</i> , 2020, 368, 238-239.	6.0	31
28	Tree rings as indicators of climatic variation in the Trans-Mexican Volcanic Belt, central Mexico. <i>Ecological Indicators</i> , 2021, 120, 106920.	2.6	12
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32	Desiccation limits recruitment in the pleometrotic desert seed harvester ant <i>Veromessor pergandei</i> . <i>Ecology and Evolution</i> , 2021, 11, 294-308.	0.8	4
33	Resistance and resilience of pelagic and littoral fishes to drought in the San Francisco Estuary. <i>Ecological Applications</i> , 2021, 31, e02243.	1.8	10
34	Understanding and predicting forest mortality in the western United States using long-term forest inventory data and modeled hydraulic damage. <i>New Phytologist</i> , 2021, 230, 1896-1910.	3.5	44
35	The role of declining snow cover in the desiccation of the Great Salt Lake, Utah, using MODIS data. <i>Remote Sensing of Environment</i> , 2021, 252, 112106.	4.6	16
36	Projected Changes in Water Year Types and Hydrological Drought in California's Central Valley in the 21st Century. <i>Climate</i> , 2021, 9, 26.	1.2	4

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37	Rapid and surprising dieback of Utah juniper in the southwestern USA due to acute drought stress. <i>Forest Ecology and Management</i> , 2021, 480, 118639.	1.4	28
38	Response of dust emissions in southwestern North America to 21st century trends in climate, CO ₂ ; fertilization, and land use: implications for air quality. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 57-68.	1.9	8
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46	Continent-wide tree fecundity driven by indirect climate effects. <i>Nature Communications</i> , 2021, 12, 1242.	5.8	46
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49	Understanding Past Climate-Related Migration for Our Warming World. <i>Kiva, The</i> , 0, , 1-33.	0.2	0
50	Regional differences in rapid evolution during severe drought. <i>Evolution Letters</i> , 2021, 5, 130-142.	1.6	21
51	Greening of the earth does not compensate for rising soil heterotrophic respiration under climate change. <i>Global Change Biology</i> , 2021, 27, 2029-2038.	4.2	20
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54	Projected climate change impacts in the Tahoe Basin: Recent findings from global climate models. <i>Quaternary International</i> , 2021, , .	0.7	1
55	Global hydroclimatic response to tropical volcanic eruptions over the last millennium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
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59	Increased water use efficiency leads to decreased precipitation sensitivity of tree growth, but is offset by high temperatures. <i>Oecologia</i> , 2021, 197, 1095-1110.	0.9	11
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61	<i>Heloderma</i> (Helodermatidae; Squamata) from the Apache Local Fauna, Pleistocene, Southwestern Oklahoma. <i>Journal of Herpetology</i> , 2021, 55, .	0.2	0
62	Twenty years of drought-mediated change in snag populations in mixed-conifer and ponderosa pine forests in Northern Arizona. <i>Forest Ecosystems</i> , 2021, 8, .	1.3	7
63	Advances in Land Surface Models and Indicators for Drought Monitoring and Prediction. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1099-E1122.	1.7	15
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67	Closing the Water Cycle from Observations across Scales: Where Do We Stand?. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1897-E1935.	1.7	31
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75	Online labs to introduce undergraduate students to scientific concepts and practices in tree-ring research. <i>Journal of Geoscience Education</i> , 0, , 1-12.	0.8	0

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77	The Consequences of Our Changing Environment on Life Threatening and Debilitating Fungal Diseases in Humans. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 367.	1.5	55
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82	Changing climate drives future streamflow declines and challenges in meeting water demand across the southwestern United States. <i>Journal of Hydrology X</i> , 2021, 11, 100074.	0.8	30
83	Climate change and extreme weather: A review focusing on the continental United States. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 1186-1209.	0.9	9
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85	Warming as a Driver of Vegetation Loss in the Sonoran Desert of California. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005942.	1.3	21
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115	Uncertainties, Limits, and Benefits of Climate Change Mitigation for Soil Moisture Drought in Southwestern North America. <i>Earth's Future</i> , 2021, 9, e2021EF002014.	2.4	30
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118	Migration stopover ecology of Cinnamon Teal in western North America. <i>Ecology and Evolution</i> , 2021, 11, 14056-14069.	0.8	5
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129	Connections of climate change and variability to large and extreme forest fires in southeast Australia. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	341
130	Knowing Well, Being Well: well-being born of understanding: Climate Change & Well-Being: The Role for Health Promotion Professionals. <i>American Journal of Health Promotion</i> , 2021, 35, 140-152.	0.9	1

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