

# Ecosystem resilience despite large-scale altered hydroc

Nature

494, 349-352

DOI: [10.1038/nature11836](https://doi.org/10.1038/nature11836)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Accuracy of Satellite Land Surface Reflectance Determination. <i>Journal of Applied Meteorology and Climatology</i> , 1991, 30, 960-972.	1.7	11
2	Carbon and water fluxes in an arid-zone <i>Acacia</i> savanna woodland: An analyses of seasonal patterns and responses to rainfall events. <i>Agricultural and Forest Meteorology</i> , 2013, 182-183, 225-238.	1.9	115
3	Conservation of Tropical Plant Biodiversity: What Have We Done, Where Are We Going?. <i>Biotropica</i> , 2013, 45, 693-708.	0.8	30
4	Impact of CO <sub>2</sub> fertilization on maximum foliage cover across the globe's warm, arid environments. <i>Geophysical Research Letters</i> , 2013, 40, 3031-3035.	1.5	442
5	Vegetation response to extreme climate events on the Mongolian Plateau from 2000 to 2010. <i>Environmental Research Letters</i> , 2013, 8, 035033.	2.2	121
6	Precipitation thresholds and drought-induced tree die-off: insights from patterns of <i>Pinus edulis</i> mortality along an environmental stress gradient. <i>New Phytologist</i> , 2013, 200, 413-421.	3.5	78
7	Contrasting response of grassland versus forest carbon and water fluxes to spring drought in Switzerland. <i>Environmental Research Letters</i> , 2013, 8, 035007.	2.2	108
8	Urban vegetation and income segregation in drylands: a synthesis of seven metropolitan regions in the southwestern United States. <i>Environmental Research Letters</i> , 2013, 8, 044001.	2.2	54
9	Variations in atmospheric CO <sub>2</sub> growth rates coupled with tropical temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13061-13066.	3.3	144
10	An initial assessment of Suomi NPP VIIRS vegetation index EDR. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 12,301.	1.2	36
11	Dynamics of component carbon fluxes in a semi-arid <i>Acacia</i> woodland, central Australia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1168-1185.	1.3	94
12	A vital link: water and vegetation in the Anthropocene. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 3841-3852.	1.9	25
13	Land surface phenological response to decadal climate variability across Australia using satellite remote sensing. <i>Biogeosciences</i> , 2014, 11, 5181-5198.	1.3	85
14	Impacts of droughts on carbon sequestration by China's terrestrial ecosystems from 2000 to 2011. <i>Biogeosciences</i> , 2014, 11, 2583-2599.	1.3	73
16	Toward the Use of the MODIS ET Product to Estimate Terrestrial GPP for Nonforest Ecosystems. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 1624-1628.	1.4	20
17	Changing forest water yields in response to climate warming: results from long-term experimental watershed sites across North America. <i>Global Change Biology</i> , 2014, 20, 3191-3208.	4.2	147
18	Intrinsic climate dependency of ecosystem light and water-use-efficiencies across Australian biomes. <i>Environmental Research Letters</i> , 2014, 9, 104002.	2.2	27
19	Patterns and controlling factors of residential water use in Los Angeles, California. <i>Water Policy</i> , 2014, 16, 1054-1069.	0.7	45

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20	Mechanisms of grass response in grasslands and shrublands during dry or wet periods. <i>Oecologia</i> , 2014, 174, 1323-1334.	0.9	46
21	Anticipating the spatio-temporal response of plant diversity and vegetation structure to climate and land use change in a protected area. <i>Ecography</i> , 2014, 37, 1230-1239.	2.1	42
22	Energy positive domestic wastewater treatment: the roles of anaerobic and phototrophic technologies. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1204-1222.	1.7	119
23	Functional response of U.S. grasslands to the early 21st-century drought. <i>Ecology</i> , 2014, 95, 2121-2133.	1.5	75
24	Convergence of terrestrial plant production across global climate gradients. <i>Nature</i> , 2014, 512, 39-43.	13.7	274
25	Impacts of climate change drivers on C4 grassland productivity: scaling driver effects through the plant community. <i>Journal of Experimental Botany</i> , 2014, 65, 3415-3424.	2.4	30
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27	Recent drought phase in a 73-year record at two spatial scales: Implications for livestock production on rangelands in the Southwestern United States. <i>Agricultural and Forest Meteorology</i> , 2014, 197, 40-51.	1.9	27
28	When vegetation change alters ecosystem water availability. <i>Global Change Biology</i> , 2014, 20, 2198-2210.	4.2	78
29	Fifty years since Monteith's 1965 seminal paper: the emergence of global ecohydrology. <i>Ecohydrology</i> , 2014, 7, 897-902.	1.1	39
30	Water use efficiency threshold for terrestrial ecosystem carbon sequestration in China under afforestation. <i>Agricultural and Forest Meteorology</i> , 2014, 195-196, 32-37.	1.9	118
31	Impact of prolonged drought on rainfall use efficiency using MODIS data across China in the early 21st century. <i>Remote Sensing of Environment</i> , 2014, 150, 188-197.	4.6	70
32	Evaluation of the ORCHIDEE ecosystem model over Africa against 25 years of satellite-based water and carbon measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1554-1575.	1.3	31
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35	Spatial and temporal variations in ecosystem response to monsoon precipitation variability in southwestern North America. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1999-2017.	1.3	26
36	Influence of the Atlantic Meridional Overturning Circulation on the monsoon rainfall and carbon balance of the American tropics. <i>Geophysical Research Letters</i> , 2014, 41, 146-151.	1.5	34
37	Water use efficiency of China's terrestrial ecosystems and responses to drought. <i>Scientific Reports</i> , 2015, 5, 13799.	1.6	141

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39	Comparing two approaches for parsimonious vegetation modelling in semiarid regions using satellite data. <i>Ecohydrology</i> , 2015, 8, 1024-1036.	1.1	14
40	Resilience as a universal criterion of health. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 455-465.	1.7	69
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42	Abrupt shifts in phenology and vegetation productivity under climate extremes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2036-2052.	1.3	149
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44	Groundwater-dependent ecosystems: recent insights from satellite and field-based studies. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4229-4256.	1.9	116
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47	Long-Term Agroecosystem Research in the Central Mississippi River Basin: Goodwater Creek Experimental Watershed Weather Data. <i>Journal of Environmental Quality</i> , 2015, 44, 13-17.	1.0	16
48	Simulation of Forest Evapotranspiration Using Time-Series Parameterization of the Surface Energy Balance System (SEBS) over the Qilian Mountains. <i>Remote Sensing</i> , 2015, 7, 15822-15843.	1.8	12
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50	Responses of Crop Water Use Efficiency to Climate Change and Agronomic Measures in the Semiarid Area of Northern China. <i>PLoS ONE</i> , 2015, 10, e0137409.	1.1	23
51	Biotic and climatic controls on interannual variability in carbon fluxes across terrestrial ecosystems. <i>Agricultural and Forest Meteorology</i> , 2015, 205, 11-22.	1.9	47
52	Contrasting tropical estuarine ecosystem functioning and stability: A comparative study. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 155, 89-103.	0.9	17
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54	Characterizing differences in precipitation regimes of extreme wet and dry years: implications for climate change experiments. <i>Global Change Biology</i> , 2015, 21, 2624-2633.	4.2	233
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63	On underestimation of global vulnerability to tree mortality and forest die-off from hotter drought in the Anthropocene. <i>Ecosphere</i> , 2015, 6, 1-55.	1.0	1,739
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75	The importance of interacting climate modes on Australia's contribution to global carbon cycle extremes. <i>Scientific Reports</i> , 2016, 6, 23113.	1.6	65
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82	Predicting forage intake in extensive grazing systems <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 26-43.	0.2	21
83	Productivity and evapotranspiration of two contrasting semiarid ecosystems following the 2011 global carbon land sink anomaly. <i>Agricultural and Forest Meteorology</i> , 2016, 220, 151-159.	1.9	54
84	Carbon Economy of Subtropical Forests. <i>Tree Physiology</i> , 2016, , 337-355.	0.9	18
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88	Estimation of above-ground biomass using MODIS satellite imagery of multiple land-cover types in China. <i>Remote Sensing Letters</i> , 2016, 7, 1141-1149.	0.6	13
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#	ARTICLE	IF	CITATIONS
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99	Regeneration switch is a gas. <i>Nature</i> , 2016, 531, 182-183.	13.7	3
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101	Complexity confers stability: Climate variability, vegetation response and sand transport on longitudinal sand dunes in Australia's deserts. <i>Aeolian Research</i> , 2017, 25, 45-61.	1.1	30
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106	A global examination of the response of ecosystem water-use efficiency to drought based on MODIS data. <i>Science of the Total Environment</i> , 2017, 601-602, 1097-1107.	3.9	121
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109	Reconciling inconsistencies in precipitation-productivity relationships: implications for climate change. <i>New Phytologist</i> , 2017, 214, 41-47.	3.5	286

#	ARTICLE	IF	CITATIONS
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111	Long-term forest resilience to climate change indicated by mortality, regeneration, and growth in semiarid southern Iberia. <i>Global Change Biology</i> , 2017, 23, 2370-2382.	4.2	56
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115	Assessing the ability of MODIS EVI to estimate terrestrial ecosystem gross primary production of multiple land cover types. <i>Ecological Indicators</i> , 2017, 72, 153-164.	2.6	59
116	Sensitivity of terrestrial water and carbon fluxes to climate variability in semi-humid basins of Haihe River, China. <i>Ecological Modelling</i> , 2017, 353, 117-128.	1.2	10
117	Assessment of ecological instream flow requirements under climate change <i>Pseudorasbora parva</i> . <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 509-520.	1.8	5
118	Warming Effects on Ecosystem Carbon Fluxes Are Modulated by Plant Functional Types. <i>Ecosystems</i> , 2017, 20, 515-526.	1.6	54
119	Monitoring Changes in Water Use Efficiency to Understand Drought Induced Tree Mortality. <i>Forests</i> , 2017, 8, 365.	0.9	13
120	Relationship of Climatic and Forest Factors to Drought- and Heat-Induced Tree Mortality. <i>PLoS ONE</i> , 2017, 12, e0169770.	1.1	35
121	Large-scale vegetation responses to terrestrial moisture storage changes. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4469-4478.	1.9	42
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123	Global patterns of extreme drought-induced loss in land primary production: Identifying ecological extremes from rain-use efficiency. <i>Science of the Total Environment</i> , 2018, 628-629, 611-620.	3.9	69
124	Legacy effects of a regional drought on aboveground net primary production in six central US grasslands. <i>Plant Ecology</i> , 2018, 219, 505-515.	0.7	66
125	Warming and Elevated CO <sub>2</sub> Interact to Alter Seasonality and Reduce Variability of Soil Water in a Semiarid Grassland. <i>Ecosystems</i> , 2018, 21, 1533-1544.	1.6	11
126	Water use efficiency of three mycorrhizal Lamiaceae species ( <i>Lavandula officinalis</i> , <i>Rosmarinus</i> )	2.4	37
127	Evaluating Global Land Surface Models in CMIP5: Analysis of Ecosystem Water- and Light-Use Efficiencies and Rainfall Partitioning. <i>Journal of Climate</i> , 2018, 31, 2995-3008.	1.2	20



#	ARTICLE	IF	CITATIONS
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129	Transpiration Dominates Ecosystem Water Use Efficiency in Response to Warming in an Alpine Meadow. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 453-462.	1.3	44
130	Sensitivity and resilience of ecosystems to climate variability in the semi-arid to hyper-arid areas of Northern China: a case study in the Heihe River Basin. <i>Ecological Research</i> , 2018, 33, 161-174.	0.7	23
131	Aridity Induces Nonlinear Effects of Human Disturbance on Precipitation-Use Efficiency of Iberian Woodlands. <i>Ecosystems</i> , 2018, 21, 1295-1305.	1.6	8
132	Ways forward for resilience research in agroecosystems. <i>Agricultural Systems</i> , 2018, 162, 19-27.	3.2	75
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136	Mean annual precipitation predicts primary production resistance and resilience to extreme drought. <i>Science of the Total Environment</i> , 2018, 636, 360-366.	3.9	109
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143	Experimentally simulating warmer and wetter climate additively improves rangeland quality on the Tibetan Plateau. <i>Journal of Applied Ecology</i> , 2018, 55, 1486-1497.	1.9	38
144	Drivers of terrestrial plant production across broad geographical gradients. <i>Global Ecology and Biogeography</i> , 2018, 27, 166-174.	2.7	60
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147	A Forest Evapotranspiration Paradox Investigated Using Lysimeter Data. <i>Vadose Zone Journal</i> , 2018, 17, 1-7.	1.3	26
148	HOW STRONG IS THE RELATIONSHIP BETWEEN RAINFALL VARIABILITY AND CAATINGA PRODUCTIVITY? A CASE STUDY UNDER A CHANGING CLIMATE. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2121-2127.	0.3	17
149	Precipitation thresholds regulate net carbon exchange at the continental scale. <i>Nature Communications</i> , 2018, 9, 3596.	5.8	39
150	Changes in the Carbon and Water Fluxes of Subtropical Forest Ecosystems in South-Western China Related to Drought. <i>Water (Switzerland)</i> , 2018, 10, 821.	1.2	5
151	A Holistic View of Water Management Impacts on Future Droughts: A Global Multimodel Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5947-5972.	1.2	25
152	Precipitation amount and frequency affect seedling emergence and growth of <i>Reaumuria soongarica</i> in northwestern China. <i>Journal of Arid Land</i> , 2018, 10, 574-587.	0.9	11
153	Hydroclimatic response of evapotranspiration partitioning to prolonged droughts in semiarid grassland. <i>Journal of Hydrology</i> , 2018, 563, 766-777.	2.3	80
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156	Differences in ecosystem water-use efficiency among the typical croplands. <i>Agricultural Water Management</i> , 2018, 209, 142-150.	2.4	35
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