## ACCEPTING THE STANDARDIZED PRECIPITATION IN

Journal of the American Water Resources Association 35, 311-322

DOI: 10.1111/j.1752-1688.1999.tb03592.x

Citation Report

#	Article	IF	Citations
1	Highlights of Drought Policy and Related Science in Australia and the U.S.A Water International, 2001, 26, 349-357.	0.4	6
2	An evaluation of the Standardized Precipitation Index, the China-Z Index and the statistical Z-Score. International Journal of Climatology, 2001, 21, 745-758.	1.5	343
3	Fifty Years of Precipitation: Some Spatially Remote Teleconnnections. Water Resources Management, 2001, 15, 247-280.	1.9	84
4	TOWARDS CHARACTERIZING AND PLANNING FOR DROUGHT IN VERMONTâ€PART I: A CLIMATOLOGICAL PERSPECTWE 1. Journal of the American Water Resources Association, 2001, 37, 505-525.	1.0	13
5	The Quantification of Drought: An Evaluation of Drought Indices. Bulletin of the American Meteorological Society, 2002, 83, 1167-1180.	1.7	905
6	Spatial Variability of Drought: An Analysis of the SPI in Sicily. Water Resources Management, 2003, 17, 273-296.	1.9	293
7	DROUGHT INDICATORS AND TRIGGERS: A STOCHASTIC APPROACH TO EVALUATION. Journal of the American Water Resources Association, 2003, 39, 1217-1233.	1.0	151
8	Assessing vegetation response to drought in the northern Great Plains using vegetation and drought indices. Remote Sensing of Environment, 2003, 87, 85-98.	4.6	683
9	An evaluation of agricultural drought indices for the Canadian prairies. Agricultural and Forest Meteorology, 2003, 118, 49-62.	1.9	288
10	Spatio-temporal drought analysis in the Trakya region, Turkey. Hydrological Sciences Journal, 2003, 48, 809-820.	1.2	95
11	Integration of science and policy during the evolution of South Carolina's drought program. Water Resources Monograph, 2003, , 311-339.	1.0	4
12	Intensity and spatial extension of drought in South Africa at different time scales. Water S A, 2004, 29, 489.	0.2	61
13	Probabilistic analysis of drought spatiotemporal characteristics in Thessaly region, Greece. Natural Hazards and Earth System Sciences, 2004, 4, 719-731.	1.5	156
14	Potential predictability of dry and wet periods: Sicily and Elbe-Basin (Germany). Theoretical and Applied Climatology, 2004, 77, 125-138.	1.3	64
15	Spatio-temporal variability of dry and wet periods in eastern China. Theoretical and Applied Climatology, 2004, 79, 81-91.	1.3	108
16	Using MODIS Land Surface Temperature and Normalized Difference Vegetation Index products for monitoring drought in the southern Great Plains, USA. International Journal of Remote Sensing, 2004, 25, 61-72.	1.3	481
17	Drought variability and its climatic implications. Global and Planetary Change, 2004, 40, 115-127.	1.6	24
18	Mapping soil moisture in the central Ebro river valley (northeast Spain) with Landsat and NOAA satellite imagery: a comparison with meteorological data. International Journal of Remote Sensing, 2004, 25, 4325-4350.	1.3	45

#	ARTICLE	IF	Citations
19	The effect of the length of record on the standardized precipitation index calculation. International Journal of Climatology, 2005, 25, 505-520.	1.5	273
20	An Analysis of Spatial and Temporal Dimension of Drought Vulnerability in Turkey Using the Standardized Precipitation Index. Natural Hazards, 2005, 35, 243-264.	1.6	263
22	Hydrological response to different time scales of climatological drought: an evaluation of the Standardized Precipitation Index in a mountainous Mediterranean basin. Hydrology and Earth System Sciences, 2005, 9, 523-533.	1.9	259
24	Modelling weekly rainfall data for crop planning in a sub-humid climate of India. Agricultural Water Management, 2005, 76, 120-138.	2.4	34
25	Drought early warning system in reservoir operation: Theory and practice. Water Resources Research, 2005, $41$ , .	1.7	23
26	El Ni $ ilde{A}\pm o$ and La Ni $ ilde{A}\pm a$ influence on droughts at different timescales in the Iberian Peninsula. Water Resources Research, 2005, 41, .	1.7	61
27	Monitoring drought dynamics in the Aravalli region (India) using different indices based on ground and remote sensing data. International Journal of Applied Earth Observation and Geoinformation, 2006, 8, 289-302.	1.4	300
28	Climatological Drought in Arizona: An Analysis of Indicators for Guiding the Governor's Drought Task Force. Professional Geographer, 2006, 58, 460-469.	1.0	28
29	Fitting Drought Duration and Severity with Two-Dimensional Copulas. Water Resources Management, 2006, 20, 795-815.	1.9	531
30	Differences in Spatial Patterns of Drought on Different Time Scales: An Analysis of the Iberian Peninsula. Water Resources Management, 2006, 20, 37-60.	1.9	324
31	The influence of atmospheric circulation at different spatial scales on winter drought variability through a semi-arid climatic gradient in Northeast Spain. International Journal of Climatology, 2006, 26, 1427-1453.	1.5	115
32	Spatial and temporal analysis of droughts in the Iberian Peninsula (1910–2000). Hydrological Sciences Journal, 2006, 51, 83-97.	1.2	184
33	A Comparison of Weekly Monitoring Methods of the Palmer Drought Index. Journal of Climate, 2007, 20, 6033-6044.	1.2	10
34	Study on rainfall effect on vegetation change in the north piedmont of Yin moutain. , 2007, , .		0
35	Annual and Warm Season Drought Intensity–Duration–Frequency Analysis for Sonora, Mexico. Journal of Climate, 2007, 20, 1897-1909.	1.2	49
37	Drought Forecasting Using a Hybrid Stochastic and Neural Network Model. Journal of Hydrologic Engineering - ASCE, 2007, 12, 626-638.	0.8	215
38	Análise da escola temporal de monitoramento das secas agrÃcolas e meteorológicas no estado de São Paulo. Revista Brasileira De Meteorologia, 2007, 22, 255-261.	0.2	11
39	Analyzing spatial patterns of meteorological drought using standardized precipitation index. Meteorological Applications, 2007, 14, 329-336.	0.9	174

#	ARTICLE	IF	Citations
40	Appropriate application of the standardized precipitation index in arid locations and dry seasons. International Journal of Climatology, 2007, 27, 65-79.	1.5	289
41	Characteristics of US drought and pluvials from a high-resolution spatial dataset. International Journal of Climatology, 2007, 27, 1303-1325.	1.5	50
42	Evaluating the Impact of Drought Using Remote Sensing in a Mediterranean, Semi-arid Region. Natural Hazards, 2007, 40, 173-208.	1.6	207
43	Drought forecasting using the Standardized Precipitation Index. Water Resources Management, 2007, 21, 801-819.	1.9	242
44	Linking Drought Indicators to Policy Actions in the Tagus Basin Drought Management Plan. Water Resources Management, 2007, 21, 873-882.	1.9	42
45	Extreme value analysis of wet and dry periods in Sicily. Theoretical and Applied Climatology, 2007, 87, 61-71.	1.3	51
46	Spatial and temporal analysis of drought in greece using the Standardized Precipitation Index (SPI). Theoretical and Applied Climatology, 2007, 89, 143-153.	1.3	256
47	Trends in drought intensity and variability in the middle Ebro valley (NE of the Iberian peninsula) during the second half of the twentieth century. Theoretical and Applied Climatology, 2007, 88, 247-258.	1.3	78
48	Drought risk assessment in the western part of Bangladesh. Natural Hazards, 2008, 46, 391-413.	1.6	373
49	The superior influence of Darwin Sea level pressure anomalies over ENSO as a simple drought predictor for Southern Africa. Theoretical and Applied Climatology, 2008, 92, 1-14.	1.3	41
50	The impact of the positive Indian Ocean dipole on Zimbabwe droughts. International Journal of Climatology, 2008, 28, 2011-2029.	1.5	60
51	Spatial and temporal characteristics of droughts in the western part of Bangladesh. Hydrological Processes, 2008, 22, 2235-2247.	1.1	116
52	Impacts of climatic stability on the structural and functional aspects of macroinvertebrate communities after severe drought. Freshwater Biology, 2008, 53, 2465-2483.	1.2	32
53	Toward long-lead operational forecasts of drought: An experimental study in the Murray-Darling River Basin. Journal of Hydrology, 2008, 357, 349-367.	2.3	78
54	Comparing response of Pinus edulis tree-ring growth to five alternate moisture indices using historic meteorological data. Journal of Arid Environments, 2008, 72, 350-357.	1.2	36
55	New approach for modeling climatic data with applications in modeling tree species distributions in the states of Jalisco and Colima, Mexico. Journal of Arid Environments, 2008, 72, 1343-1357.	1.2	13
56	Evaluating Uncertainties in the Projection of Future Drought. Journal of Hydrometeorology, 2008, 9, 292-299.	0.7	219
57	Kernels for the Investigation of Localized Spatiotemporal Transitions of Drought with Support Vector Machines., 2008,,.		2

#	ARTICLE	IF	Citations
58	Positive and Negative Phases of the Wintertime North Atlantic Oscillation and Drought Occurrence over Europe: A Multitemporal-Scale Approach. Journal of Climate, 2008, 21, 1220-1243.	1.2	140
59	Dry and wet periods in the northwestern Maghreb for present day and future climate conditions. Meteorologische Zeitschrift, 2008, 17, 533-551.	0.5	86
60	Observed drought and wetness trends in Europe: an update. Hydrology and Earth System Sciences, 2009, 13, 1519-1530.	1.9	121
61	Relationship between Winter/Spring Snowfall and Summer Precipitation in the Northern Great Plains of North America. Journal of Hydrometeorology, 2009, 10, 1203-1217.	0.7	22
62	Developing Objective Operational Definitions for Monitoring Drought. Journal of Applied Meteorology and Climatology, 2009, 48, 1217-1229.	0.6	121
63	Monitoring Drought: An Evaluation of Meteorological Drought Indices. Geography Compass, 2009, 3, 64-88.	1.5	111
64	Assessment of areal interpolation methods for spatial analysis of SPI and EDI drought indices. International Journal of Climatology, 2009, 29, 135-145.	1.5	83
65	A multimodel assessment of future climatological droughts in the United Kingdom. International Journal of Climatology, 2009, 29, 2056-2071.	1.5	55
66	Use of the standardized precipitation index (SPI) and a modified SPI for shaping the drought probabilities over Turkey. International Journal of Climatology, 2009, 29, 2270-2282.	1.5	113
67	On the use of Standardized Precipitation Index (SPI) for drought intensity assessment. Meteorological Applications, 2009, 16, 381-389.	0.9	237
68	Application of relative drought indices in assessing climate-change impacts on drought conditions in Czechia. Theoretical and Applied Climatology, 2009, 96, 155-171.	1.3	191
69	Spatiotemporal characteristics of dryness and drought in the Republic of Moldova. Theoretical and Applied Climatology, 2009, 96, 305-318.	1.3	27
70	Combining the standardized precipitation index and climatic water deficit in characterizing droughts: a case study in Romania. Theoretical and Applied Climatology, 2009, 97, 219-233.	1.3	46
71	Drought characterization: a probabilistic approach. Stochastic Environmental Research and Risk Assessment, 2009, 23, 41-55.	1.9	173
72	Spatial and temporal pattern of precipitation and drought in Gansu Province, Northwest China. Natural Hazards, 2009, 49, 1-24.	1.6	75
73	Spatial Patterns and Temporal Variability of Drought in Western Iran. Water Resources Management, 2009, 23, 439-455.	1.9	241
74	Observed dryness and wetness variability in Shanghai during 1873–2005. Journal of Chinese Geography, 2009, 19, 143-152.	1.5	4
<b>7</b> 5	Pressurised pastoralism in South Gobi, Mongolia: what is the role of drought?. Transactions of the Institute of British Geographers, 2009, 34, 364-377.	1.8	36

#	ARTICLE	IF	CITATIONS
76	Estimating the spatial distribution of power outages during hurricanes in the Gulf coast region. Reliability Engineering and System Safety, 2009, 94, 199-210.	5.1	135
77	Analysis of the Relationship of U.S. Droughts with SST and Soil Moisture: Distinguishing the Time Scale of Droughts. Journal of Climate, 2009, 22, 4520-4538.	1.2	59
78	Scanning Detections of Multi-scale Significant Change-Points in Subseries Means, Variances, Trends and Correlations. , 2009, , .		3
79	Assessment of droughts in Jordan. Management of Environmental Quality, 2009, 20, 696-711.	2.2	4
80	Establishment of agricultural drought monitoring at different spatial scales in southeastern Europe. Acta Agriculturae Slovenica, 2010, 95, .	0.2	2
81	How uncertain are climate model projections of water availability indicators across the Middle East?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 5117-5135.	1.6	37
82	Climatology of water excesses and shortages in the La Plata Basin. Theoretical and Applied Climatology, 2010, 102, 13-27.	1.3	27
83	Analysis of multidimensional aspects of agricultural droughts in Zimbabwe using the Standardized Precipitation Index (SPI). Theoretical and Applied Climatology, 2010, 102, 287-305.	1.3	70
84	Probabilistic analysis of extreme regional meteorological droughts by L-moments in a semi-arid environment. Theoretical and Applied Climatology, 2010, 102, 351-366.	1.3	22
85	Karst Spring Discharges Analysis in Relation to Drought Periods, Using the SPI. Water Resources Management, 2010, 24, 1867-1884.	1.9	93
86	A review of drought concepts. Journal of Hydrology, 2010, 391, 202-216.	2.3	3,361
87	Study of water stress and droughts with indicators using daily data on the Bani river (Niger basin,) Tj ETQq $1\ 1\ 0$	).784 <u>3</u> 14 rş	gBT <sub>3</sub> /Overlock
88	Monitoring agricultural drought for arid and humid regions using multi-sensor remote sensing data. Remote Sensing of Environment, 2010, 114, 2875-2887.	4.6	490
89	Analytical procedures for weekly hydrological droughts: a case of Canadian rivers. Hydrological Sciences Journal, 2010, 55, 79-92.	1.2	46
90	Impact of climate change on corrosion risks. Corrosion Engineering Science and Technology, 2010, 45, 27-33.	0.7	12
91	Influence of SST Forcing on Stochastic Characteristics of Simulated Precipitation and Drought. Journal of Hydrometeorology, 2010, 11, 754-769.	0.7	15
92	A Drought Frequency Analysis for Palmer Drought Severity Index Using Boundary Kernel Function. , 2010, , .		2
93	Spatial and temporal variability of droughts in Portugal. Water Resources Research, 2010, 46, .	1.7	227

#	ARTICLE	IF	CITATIONS
94	Assessing spatiotemporal variability of drought in the U.S. central plains. Journal of Arid Environments, 2010, 74, 247-255.	1.2	86
95	Evaluating the utility of the Vegetation Condition Index (VCI) for monitoring meteorological drought in Texas. Agricultural and Forest Meteorology, 2010, 150, 330-339.	1.9	294
96	Analysis of relationships among vegetation condition indices and multiple-time scale SPI of grassland in growing season. , $2010,  ,  .$		2
97	Monitoring environmental change in the Andes based on SPOT-VGT and NOAA-AVHRR time series analysis. , $2011,\ldots$		3
98	Reanalysis and Extension of Namias's Climatological Isentropic Analysis: Detection and Evaluation of Monsoonal, Severe Storm, Drought, and Flood Events. Annals of the American Association of Geographers, 2011, 101, 1204-1220.	3.0	2
99	Empirical Orthogonal Function analysis of the palmer drought indices. Agricultural and Forest Meteorology, 2011, 151, 981-991.	1.9	62
100	500 Years of rainfall variability and extreme hydrological events in southeastern Spain drylands. Journal of Arid Environments, 2011, 75, 1244-1253.	1.2	77
101	Spatial and temporal assessment of drought in the Northern highlands of Ethiopia. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 309-321.	1.4	162
104	Comparative Analysis of Drought Indices for Drought Zone Scheme of Northern Khorasan Province of Iran. Notulae Scientia Biologicae, 2011, 3, 62-69.	0.1	2
105	Aplicação do conceito do Ãndice padronizado de precipitação à série decendial da diferença entre precipitação pluvial e evapotranspiração potencial. Bragantia, 2011, 70, 234-245.	1.3	8
106	Meteorological drought analysis using artificial neural networks. Scientific Research and Essays, 2011, 6, 4469-4477.	0.1	21
107	Standardized precipitation index based on pearson type III distribution. Revista Brasileira De Meteorologia, 2011, 26, 167-180.	0.2	33
108	Application of the Standardized Precipitation Index (SPI) in Greece. Water (Switzerland), 2011, 3, 787-805.	1.2	124
109	The impacts of river regulation and water diversion on the hydrological drought characteristics in the Lower Murrumbidgee River, Australia. Journal of Hydrology, 2011, 405, 382-391.	2.3	80
110	A review of drought indices. Environmental Reviews, 2011, 19, 333-349.	2.1	796
111	Regional Frequency Analysis of Droughts in Portugal. Water Resources Management, 2011, 25, 3537-3558.	1.9	102
112	The survey of climatic drought trend in Iran. Stochastic Environmental Research and Risk Assessment, 2011, 25, 851-863.	1.9	60
113	Statistical properties of moisture transport in East Asia and their impacts on wetness/dryness variations in North China. Theoretical and Applied Climatology, 2011, 104, 337-347.	1.3	16

#	Article	IF	Citations
114	Drought hazard assessment and spatial characteristics analysis in China. Journal of Chinese Geography, 2011, 21, 235-249.	1.5	139
115	Drought dynamics on the Mongolian steppe, 1970–2006. International Journal of Climatology, 2011, 31, 1823-1830.	1.5	48
116	Monitoring agricultural soil moisture extremes in Canada using passive microwave remote sensing. Remote Sensing of Environment, 2011, 115, 2434-2444.	4.6	39
117	Parametric Probability Distributions. International Geophysics, 2011, , 71-131.	0.6	2
118	SIMULATION OF INDIAN MONSOON EXTREME RAINFALL EVENTS DURING THE DECADAL PERIOD OF 2000–2009 USING A HIGH RESOLUTION MESOSCALE MODEL. , 0, , 31-47.		3
119	Can forest management be used to sustain water-based ecosystem services in the face of climate change?., 2011, 21, 2049-2067.		131
120	Spatio-temporal drought assessment in Tel river basin using Standardized Precipitation Index (SPI) and GIS. Geomatics, Natural Hazards and Risk, 2011, 2, 79-93.	2.0	23
121	Estimating Drought Conditions for Regions with Limited Precipitation Data. Journal of Applied Meteorology and Climatology, 2011, 50, 548-559.	0.6	11
122	Northern Hemisphere Modes of Variability and the Timing of Spring in Western North America. Journal of Climate, 2011, 24, 4003-4014.	1.2	60
123	Temporal and spatial characteristics of precipitation and droughts in the upper reaches of the Yangtze river basin (China) in recent five decades. Journal of Hydroinformatics, 2012, 14, 221-235.	1.1	9
124	Understanding the Changing Characteristics of Droughts in Sudan and the Corresponding Components of the Hydrologic Cycle. Journal of Hydrometeorology, 2012, 13, 1520-1535.	0.7	18
125	Design of Deep Belief Networks for Short-Term Prediction of Drought Index Using Data in the Huaihe River Basin. Mathematical Problems in Engineering, 2012, 2012, 1-16.	0.6	42
126	The Use of a High-Resolution Standardized Precipitation Index for Drought Monitoring and Assessment. Journal of Applied Meteorology and Climatology, 2012, 51, 68-83.	0.6	22
127	Accurate Computation of a Streamflow Drought Index. Journal of Hydrologic Engineering - ASCE, 2012, 17, 318-332.	0.8	361
128	An Evaluation of Multiscalar Drought Indices in Nevada and Eastern California. Earth Interactions, 2012, 16, 1-18.	0.7	101
129	Are Temperature and Precipitation Extremes Increasing over the U.S. High Plains?. Earth Interactions, 2012, 16, 1-20.	0.7	8
130	Comparison of remotely sensed and meteorological data-derived drought indices in mid-eastern China. International Journal of Remote Sensing, 2012, 33, 1755-1779.	1.3	42
131	A re-examination of perpendicular drought indices over Central and Southwest Asia. Proceedings of SPIE, 2012, , .	0.8	0

#	Article	IF	CITATIONS
132	Vegetation Outlook (VegOut) : Predicting Remote Sensing–Based Seasonal Greenness. , 2012, , 98-117.		0
133	Prospects for Dynamical Prediction of Meteorological Drought. Journal of Applied Meteorology and Climatology, 2012, 51, 1238-1252.	0.6	53
134	Characteristics of meteorological drought in Bangladesh. Natural Hazards, 2012, 64, 1461-1474.	1.6	40
135	Assessing Multi-site Drought Connections in Iran Using Empirical Copula. Environmental Modeling and Assessment, 2012, 17, 469-482.	1.2	19
136	Testing the robustness of a precipitation proxy-based North Atlantic Oscillation reconstruction. Quaternary Science Reviews, 2012, 45, 85-94.	1.4	77
137	Drought evolution at various time scales in the lowland regions and their impact on vegetable crops in the Czech Republic. Agricultural and Forest Meteorology, 2012, 156, 121-133.	1.9	132
138	Chinese drought, bread and the Arab Spring. Applied Geography, 2012, 34, 519-524.	1.7	118
139	Performance of Drought Indices for Ecological, Agricultural, and Hydrological Applications. Earth Interactions, 2012, 16, 1-27.	0.7	635
140	Role of snow and glacier melt in controlling river hydrology in Liddar watershed (western Himalaya) under current and future climate. Water Resources Research, 2012, 48, .	1.7	119
141	Comparison of multi-monthly rainfall-based drought severity indices, with application to semi-arid Konya closed basin, Turkey. Journal of Hydrology, 2012, 470-471, 255-268.	2.3	153
142	Regionalization and spatial changing properties of droughts across the Pearl River basin, China. Journal of Hydrology, 2012, 472-473, 355-366.	2.3	91
143	Development of the standardised precipitation index for Greece. Urban Water Journal, 2012, 9, 401-417.	1.0	26
144	Baseline Probabilities for the Seasonal Prediction of Meteorological Drought. Journal of Applied Meteorology and Climatology, 2012, 51, 1222-1237.	0.6	49
145	Spatiotemporal variability of drought on a short–medium time scale in the Calabria Region (Southern) Tj ETQq1	1.3.7843	14 <sub>0</sub> gBT/O
146	Monitoring and quantifying future climate projections of dryness and wetness extremes: SPI bias. Hydrology and Earth System Sciences, 2012, 16, 2143-2157.	1.9	67
147	Standard Precipitation Index Drought Forecasting Using Neural Networks, Wavelet Neural Networks, and Support Vector Regression. Applied Computational Intelligence and Soft Computing, 2012, 2012, 1-13.	1.6	104
148	Drought analysis and short-term forecast in the Aison River Basin (Greece). Natural Hazards and Earth System Sciences, 2012, 12, 1561-1572.	1.5	7
149	Drought Assessment in a Changing Climate. , 2012, , .		2

#	Article	IF	CITATIONS
150	Impacto medi $\tilde{A}_i$ tico de los fen $\tilde{A}^3$ menos medioambientales: la sequ $\tilde{A}$ a en el sur de Espa $\tilde{A}$ ±a durante el $\tilde{A}^2$ ltimo medio siglo y su cobertura en prensa. Estudios Sobre El Mensaje Periodistico, 2012, 18, .	0.3	1
151	Rainfall Mechanisms for the Dominant Rainfall Mode over Zimbabwe Relative to ENSO and/or IODZM. Scientific World Journal, The, 2012, 2012, 1-15.	0.8	25
152	Computation of Drought Index SPI with Alternative Distribution Functions. Water Resources Management, 2012, 26, 2453-2473.	1.9	163
153	Long karst spring discharge time series and droughts occurrence in Southern Italy. Environmental Earth Sciences, 2012, 65, 2273-2283.	1.3	72
154	Climate change impacts on spatial patterns in drought risk in the Willamette River Basin, Oregon, USA. Theoretical and Applied Climatology, 2012, 108, 355-371.	1.3	46
155	Assessment of future olive crop yield by a comparative evaluation of drought indices: a case study in western Turkey. Theoretical and Applied Climatology, 2012, 108, 397-410.	1.3	20
156	Prediction of Crop Production using Drought indices at Different Time Scales and Climatic Factors to Manage Drought Risk <sup>1</sup> . Journal of the American Water Resources Association, 2012, 48, 1-9.	1.0	10
157	Investigation of scaling properties in monthly streamflow and Standardized Streamflow Index (SSI) time series in the Ebro basin (Spain). Physica A: Statistical Mechanics and Its Applications, 2012, 391, 1662-1678.	1.2	41
158	Spatiotemporal variability of drought and the potential climatological driving factors in the Liao River basin. Hydrological Processes, 2012, 26, 1-14.	1.1	22
159	Temporal trends and spatial characteristics of drought and rainfall in arid and semiarid regions of Iran. Hydrological Processes, 2012, 26, 3351-3361.	1.1	177
160	Spatiotemporal analysis of meteorological drought variability in the Indian region using standardized precipitation index. Meteorological Applications, 2012, 19, 256-264.	0.9	63
161	ENSOâ€conditioned rainfall drought frequency analysis in northwest Baja California, Mexico. International Journal of Climatology, 2012, 32, 831-842.	1.5	18
162	Relationship between daily atmospheric circulation types and winter dry/wet spells in western Iran. International Journal of Climatology, 2012, 32, 1056-1068.	1.5	22
163	The future of dry and wet spells in Europe: a comprehensive study based on the ENSEMBLES regional climate models. International Journal of Climatology, 2012, 32, 1951-1970.	1.5	128
164	Droughts and their social perception in the mass media (southern Spain). International Journal of Climatology, 2013, 33, 709-724.	1.5	25
165	Simulation of the Indian summer monsoon regional climate using advanced research WRF model. International Journal of Climatology, 2013, 33, 1195-1210.	1.5	112
166	Evaluation of climate change effects on future corn ( <i>Zea mays</i> L.) yield in western Turkey. International Journal of Climatology, 2013, 33, 444-456.	1.5	9
167	Exploring the behaviour of atmospheric temperatures under dry conditions in Europe: evolution since the midâ€20th century and projections for the end of the 21st century. International Journal of Climatology, 2013, 33, 457-462.	1.5	14

#	Article	IF	Citations
168	Comparison of different geostatistical methods to estimate groundwater level at different climatic periods. Water and Environment Journal, 2013, 27, 10-19.	1.0	19
169	Spatio-temporal Drought Analysis in Arid and Semi-arid Regions: A Case Study from Palestine. Arabian Journal for Science and Engineering, 2013, 38, 2303-2313.	1.1	22
170	Future variability of droughts in three Mediterranean catchments. Natural Hazards, 2013, 69, 1405-1421.	1.6	25
171	The changing characteristics of drought in China from 1982 to 2005. Natural Hazards, 2013, 68, 723-743.	1.6	30
172	Regional Drought Modes in Iran Using the SPI: The Effect of Time Scale and Spatial Resolution. Water Resources Management, 2013, 27, 1661-1674.	1.9	50
173	Drought Analysis under Climate Change Using Copula. Journal of Hydrologic Engineering - ASCE, 2013, 18, 746-759.	0.8	119
174	Power spectral characteristics of drought indices in the Ebro river basin at different temporal scales. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1155-1170.	1.9	24
175	Evaluating the Impact of Alternative Hydro-Climate Scenarios on Transfer Agreements: Practical Improvement for Generating Synthetic Streamflows. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 396-406.	1.3	50
176	Factors Influencing Markov Chains Predictability Characteristics, Utilizing SPI, RDI, EDI and SPEI Drought Indices in Different Climatic Zones. Water Resources Management, 2013, 27, 3911-3928.	1.9	76
177	Water Deficit Duration and Severity Analysis Based on Runoff Derived from Noah Land Surface Model. Journal of Hydrologic Engineering - ASCE, 2013, 18, 817-833.	0.8	15
178	Comparison of the dryness/wetness index in China with the Monsoon Asia Drought Atlas. Theoretical and Applied Climatology, 2013, 114, 553-566.	1.3	29
179	Recent drought and precipitation tendencies in Ethiopia. Theoretical and Applied Climatology, 2013, 112, 535-551.	1.3	298
180	The changing pattern of droughts in the Lancang River Basin during 1960–2005. Theoretical and Applied Climatology, 2013, 111, 401-415.	1.3	29
181	Relationships between climate, radial growth and wood properties of mature loblolly pine in Hawaii and a northern and southern site in the southeastern United States. Forest Ecology and Management, 2013, 310, 786-795.	1.4	21
182	Probabilistic Assessment of Drought Characteristics Using Hidden Markov Model. Journal of Hydrologic Engineering - ASCE, 2013, 18, 834-845.	0.8	38
183	Dynamic risk assessment of drought disaster for maize based on integrating multi-sources data in the region of the northwest of Liaoning Province, China. Natural Hazards, 2013, 65, 1393-1409.	1.6	34
184	Long-Term Climatic Variability in Calabria and Effects on Drought and Agrometeorological Parameters. Water Resources Management, 2013, 27, 601-617.	1.9	48
185	Tracing groundwater with low-level detections of halogenated VOCs in a fractured carbonate-rock aquifer, Leetown Science Center, West Virginia, USA. Applied Geochemistry, 2013, 33, 260-280.	1.4	11

#	Article	IF	Citations
186	Study on inter-seasonal and intra-seasonal relationships of meteorological and agricultural drought indices in the Rajasthan State of India. Journal of Arid Environments, 2013, 97, 108-119.	1.2	40
187	Establishing and assessing the Integrated Surface Drought Index (ISDI) for agricultural drought monitoring in mid-eastern China. International Journal of Applied Earth Observation and Geoinformation, 2013, 23, 397-410.	1.4	89
188	A comprehensive drought monitoring method integrating MODIS and TRMM data. International Journal of Applied Earth Observation and Geoinformation, 2013, 23, 245-253.	1.4	258
189	Monitoring meteorological drought in semiarid regions using multi-sensor microwave remote sensing data. Remote Sensing of Environment, 2013, 134, 12-23.	4.6	349
190	Annual chronology and climate response in Abies guatemalensis Rehder (Pinaceae) in Central America. Holocene, 2013, 23, 270-277.	0.9	14
191	Climatic Characterization and Response of Water Resources to Climate Change in Limestone Areas: Considerations on the Importance of Geological Setting. Journal of Hydrologic Engineering - ASCE, 2013, 18, 773-779.	0.8	24
192	An overview of drought events in the Carpathian Region in 1961–2010. Advances in Science and Research, 2013, 10, 21-32.	1.0	97
193	Not all droughts are created equal: translating meteorological drought into woody plant mortality. Tree Physiology, 2013, 33, 672-683.	1.4	361
194	Monitoring and estimating drought-induced impacts on forest structure, growth, function, and ecosystem services using remote-sensing data: recent progress and future challenges. Environmental Reviews, 2013, 21, 103-115.	2.1	53
195	Assessing Severe Drought and Wet Events over India in a Future Climate Using a Nested Bias-Correction Approach. Journal of Hydrologic Engineering - ASCE, 2013, 18, 760-772.	0.8	57
196	Characterizing the water extremes of the new century in the US South-west: a comprehensive assessment from state-of-the-art climate model projections. International Journal of Water Resources Development, 2013, 29, 152-171.	1,2	13
197	Hydrological drought response to meteorological drought in the Iberian Peninsula. Climate Research, 2013, 58, 117-131.	0.4	121
198	Projection of occurrence of extreme dryâ€wet years and seasons in Europe with stationary and nonstationary Standardized Precipitation Indices. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7628-7639.	1,2	92
199	State of the Art in Large-Scale Soil Moisture Monitoring. Soil Science Society of America Journal, 2013, 77, 1888-1919.	1.2	335
200	Harnessing Earth Observation and Satellite Information for Monitoring Desertification, Drought and Agricultural Activities in Developing Countries. , 0, , .		3
201	The impact of climate mitigation on projections of future drought. Hydrology and Earth System Sciences, 2013, 17, 2339-2358.	1.9	71
202	Analysis of groundwater drought building on the standardised precipitation index approach. Hydrology and Earth System Sciences, 2013, 17, 4769-4787.	1.9	274
203	Dry/Wet Conditions Monitoring Based on TRMM Rainfall Data and Its Reliability Validation over Poyang Lake Basin, China. Water (Switzerland), 2013, 5, 1848-1864.	1.2	55

#	Article	IF	CITATIONS
204	Seasonal forecasts of droughts in African basins using the Standardized Precipitation Index. Hydrology and Earth System Sciences, 2013, 17, 2359-2373.	1.9	84
205	<b>Extreme value theory applied to the standardized precipitation index</b> - doi: 10.4025/actascitechnol.v36i1.17475. Acta Scientiarum - Technology, 2013, 36, .	0.4	0
206	Using Wavelet Analyses to Determine Drought Characteristics: A Cause Study of Western Jilin Province, China. Research Journal of Applied Sciences, Engineering and Technology, 2014, 8, 578-584.	0.1	0
207	Drought Analysis for Kuwait Using Standardized Precipitation Index. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	34
208	Monitoring drought using multi-sensor remote sensing data in cropland of Gansu Province. IOP Conference Series: Earth and Environmental Science, 2014, 17, 012017.	0.2	3
209	Addressing drought conditions under current and future climates in the Jordan River region. Hydrology and Earth System Sciences, 2014, 18, 305-318.	1.9	78
210	Water Harvesting: A Potential Means for Water Security in the Far North Region of Cameroon. Agricultural Research, 2014, 3, 331-338.	0.9	3
211	Computation of the Standardized Precipitation Index (SPI) and Its Use to Assess Drought Occurrences in Cameroon over Recent Decades. Journal of Applied Meteorology and Climatology, 2014, 53, 2310-2324.	0.6	92
212	Analysis of Temporal Variability of Droughts in Southern Paraguay and Northern Argentina (1961–2011). Climate Change Management, 2014, , 31-46.	0.6	3
213	Indonesian drought monitoring from space. A report of SAFE activity: Assessment of drought impact on rice production in Indonesia by satellite remote sensing and dissemination with web-GIS. IOP Conference Series: Earth and Environmental Science, 2014, 20, 012048.	0.2	3
214	Spatiotemporal analysis of extreme precipitation events in the Northeast region of Argentina (NEA). Journal of Hydrology: Regional Studies, 2014, 2, 140-158.	1.0	27
215	A new standardized Palmer drought index for hydroâ€meteorological use. Hydrological Processes, 2014, 28, 5645-5661.	1.1	65
216	World drought frequency, duration, and severity for 1951-2010. International Journal of Climatology, 2014, 34, 2792-2804.	1.5	500
217	Evaluation of TRMM Precipitation Product for Meteorological Drought Monitoring in Hai Basin. IOP Conference Series: Earth and Environmental Science, 2014, 17, 012093.	0.2	8
218	Interdecadal variability of winter precipitation in Southeast China. Climate Dynamics, 2014, 43, 2239-2248.	1.7	31
219	Uncertainty-Driven Characterization of Climate Change Effects on Drought Frequency Using Enhanced SPI. Water Resources Management, 2014, 28, 15-40.	1.9	15
220	Drought Monitoring Using the Multivariate Standardized Precipitation Index (MSPI). Water Resources Management, 2014, 28, 1045-1060.	1.9	92
221	The evolution analysis of flood and drought in Huai River Basin of China based on monthly precipitation characteristics. Natural Hazards, 2014, 73, 849-858.	1.6	23

#	Article	IF	CITATIONS
222	Evaluation of drought and wetness episodes in a cold region (Northeast China) since 1898 with different drought indices. Natural Hazards, 2014, 71, 2063-2085.	1.6	32
223	Integrated risk zoning of drought and waterlogging disasters based on fuzzy comprehensive evaluation in Anhui Province, China. Natural Hazards, 2014, 71, 1639-1657.	1.6	35
224	Standardized precipitation evaporation index (SPEI)-based drought assessment in semi-arid south Texas. Environmental Earth Sciences, 2014, 71, 2491-2501.	1.3	101
225	On climate variability and civil war in Asia. Climatic Change, 2014, 122, 709-721.	1.7	74
226	The day-to-day monitoring of the 2011 severe drought in China. Climate Dynamics, 2014, 43, 1-9.	1.7	100
227	Long-term trend and variability of China's arid climate and drought area based on the standardized precipitation index. , 2014, , .		1
228	Predicting above normal wildfire activity in southern Europe as a function of meteorological drought. Environmental Research Letters, 2014, 9, 084008.	2.2	100
229	A drought index accounting for snow. Water Resources Research, 2014, 50, 7861-7872.	1.7	78
230	Monitoring of meteorological drought and its impact on rice ( <i>Oryza sativa</i> L) productivity in Odisha using standardized precipitation index. Archives of Agronomy and Soil Science, 2014, 60, 1701-1715.	1.3	15
231	Comparison between Parametric and Nonparametric Approaches for the Calculation of Two Drought Indices: SPI and SSI. Journal of Hydrologic Engineering - ASCE, 2014, 19, .	0.8	51
232	Impacts of Variability in Cellulosic Biomass Yields on Energy Security. Environmental Science & Emp; Technology, 2014, 48, 7215-7221.	4.6	1
233	Exploring the impact of climate variability during the Last Glacial Maximum on the pattern of human occupation of Iberia. Journal of Human Evolution, 2014, 73, 35-46.	1.3	51
234	An Optimized System for the Classification of Meteorological Drought Intensity with Applications in Drought Frequency Analysis. Journal of Applied Meteorology and Climatology, 2014, 53, 1943-1960.	0.6	26
235	New variants of the Palmer drought scheme capable of integrated utility. Journal of Hydrology, 2014, 519, 1108-1119.	2.3	39
236	Feeding unrest. Journal of Peace Research, 2014, 51, 679-695.	1.5	106
237	A stochastic programming based analysis of the field use in a farm. Annals of Operations Research, 2014, 219, 231-242.	2.6	2
238	Characterization and evaluation of MODIS-derived Drought Severity Index (DSI) for monitoring the 2009/2010 drought over southwestern China. Natural Hazards, 2014, 74, 2129-2145.	1.6	31
239	Understanding Hydrological Repartitioning and Shifts in Drought Regimes in Central and South-West Asia Using MODIS Derived Perpendicular Drought Index and TRMM Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 983-993.	2.3	13

#	Article	IF	CITATIONS
240	Exploring the link between meteorological drought and streamflow: Effects of climate atchment interaction. Water Resources Research, 2014, 50, 2468-2487.	1.7	158
241	Impact of Climate Change on Mediterranean Irrigation Demand: Historical Dynamics of Climate and Future Projections. Water Resources Management, 2014, 28, 1449-1462.	1.9	35
242	Drought Characterisation Based on Water Surplus Variability Index. Water Resources Management, 2014, 28, 3179-3191.	1.9	36
243	Monitoring the effects of rapid onset of drought on non-irrigated maize with agronomic data and climate-based drought indices. Agricultural and Forest Meteorology, 2014, 191, 1-11.	1.9	83
244	On the use of Standardized Drought Indices under decadal climate variability: Critical assessment and drought policy implications. Journal of Hydrology, 2014, 517, 458-470.	2.3	56
245	The Application of Box–Cox Transformation to Determine the Standardised Precipitation Index (SPI), the Standardised Discharge Index (SDI) and to Identify Drought Events: Case Study in Eastern Kujawy (Central Poland). Journal of Water and Land Development, 2014, 22, 3-15.	0.9	13
246	Life histories of two arid-zone shrubs change with differences in habitat, grazing and climate. Rangeland Journal, 2014, 36, 249.	0.4	1
248	The ambiguous role of remittances in West African countries facing climate variability. Environment and Development Economics, 2015, 20, 493-515.	1.3	11
249	Using the SPI to Interpret Spatial and Temporal Conditions of Drought in China. Outlook on Agriculture, 2015, 44, 235-241.	1.8	4
250	Evaluation of the 2012 Drought with a Newly Established National Soil Monitoring Network. Vadose Zone Journal, 2015, 14, 1-7.	1.3	11
251	Candidate Distributions for Climatological Drought Indices ( <scp>SPI</scp> and <scp>SPEI</scp> ). International Journal of Climatology, 2015, 35, 4027-4040.	1.5	483
252	ldentifying the role of typhoons as drought busters in South Korea based on hidden Markov chain models. Geophysical Research Letters, 2015, 42, 2797-2804.	1.5	11
253	Precipitation deficits increase high diurnal temperature range extremes. Scientific Reports, 2015, 5, 12004.	1.6	23
254	Statistical analysis of extreme drought and wet events in Russia. Atmospheric and Oceanic Optics, 2015, 28, 336-346.	0.6	9
255	Drought analysis in southern Paraguay, Brazil and northern Argentina: regionalization, occurrence rate and rainfall thresholds. Hydrology Research, 2015, 46, 792-810.	1.1	28
256	Understanding the relative impacts of natural processes and human activities on the hydrology of the Central Rift Valley lakes, East Africa. Hydrological Processes, 2015, 29, 4312-4324.	1.1	51
257	A quantitative assessment of the relationship between precipitation deficits and air temperature variations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5951-5961.	1.2	18
258	SMOSâ€derived soil moisture anomalies and drought indices: a comparative analysis using ⟨i⟩in situ⟨/i⟩ measurements. Hydrological Processes, 2015, 29, 373-383.	1.1	71

#	ARTICLE	IF	Citations
259	Drought severity–duration–frequency curves: a foundation for risk assessment and planning tool for ecosystem establishment in post-mining landscapes. Hydrology and Earth System Sciences, 2015, 19, 1069-1091.	1.9	61
260	Inadequacy of the gamma distribution to calculate the Standardized Precipitation Index. Revista Brasileira De Engenharia Agricola E Ambiental, 2015, 19, 1129-1135.	0.4	31
261	Drought Early Warning Systems for the Near East. CSSA Special Publication - Crop Science Society of America, 2015, , 93-111.	0.1	0
262	A Global Grassland Drought Index (GDI) Product: Algorithm and Validation. Remote Sensing, 2015, 7, 12704-12736.	1.8	9
263	Assessing drought cycles in SPI time series using a Fourier analysis. Natural Hazards and Earth System Sciences, 2015, 15, 571-585.	1.5	32
264	Sensitivity of potential evaporation estimates to 100 years of climate variability. Hydrology and Earth System Sciences, 2015, 19, 997-1014.	1.9	10
265	Early warning of drought in Europe using the monthly ensemble system from ECMWF. Hydrology and Earth System Sciences, 2015, 19, 3273-3286.	1.9	20
267	Comparison of drought indices for appraisal of drought characteristics in the Ken River Basin. Weather and Climate Extremes, 2015, 8, 1-11.	1.6	188
268	Quantifying Changes in Reconnaissance Drought Index using Equiprobability Transformation Function. Water Resources Management, 2015, 29, 2451-2469.	1.9	14
269	Combined characteristics of drought on multiple time scales in Huang-Huai-Hai River basin. Arabian Journal of Geosciences, 2015, 8, 4517-4526.	0.6	10
270	A generalized framework for deriving nonparametric standardized drought indicators. Advances in Water Resources, 2015, 76, 140-145.	1.7	297
271	Recent trends in vegetation dynamics in the South America and their relationship to rainfall. Natural Hazards, 2015, 77, 883-899.	1.6	42
272	Comparison of Empirical Copula-Based Joint Deficit Index (JDI) and Multivariate Standardized Precipitation Index (MSPI) for Drought Monitoring in Iran. Water Resources Management, 2015, 29, 2027-2044.	1.9	33
273	Identifying and Evaluating a Suitable Index for Agricultural Drought Monitoring in the Texas High Plains. Journal of the American Water Resources Association, 2015, 51, 807-820.	1.0	47
274	Investigating drought over the Central Highland, Vietnam, using regional climate models. Journal of Hydrology, 2015, 526, 265-273.	2.3	43
275	European-Scale Drought: Understanding Connections between Atmospheric Circulation and Meteorological Drought Indices. Journal of Climate, 2015, 28, 505-516.	1.2	96
276	A combined deficit index for regional agricultural drought assessment over semi-arid tract of India using geostationary meteorological satellite data. International Journal of Applied Earth Observation and Geoinformation, 2015, 39, 28-39.	1.4	24
277	Global Meteorological Drought Prediction Using the North American Multi-Model Ensemble. Journal of Hydrometeorology, 2015, 16, 1409-1424.	0.7	74

#	Article	IF	Citations
278	Distance Based Water Sustainability Assessment Using SPI for the State of Chhattisgarh in India. , 2015, , .		4
279	Drought hazard assessment in the context of climate change for South Korea. Agricultural Water Management, 2015, 160, 106-117.	2.4	207
280	Conservation and conflict in the Democratic Republic of Congo: The impacts of warfare, mining, and protected areas on deforestation. Biological Conservation, 2015, 191, 266-273.	1.9	113
281	Temporal and Spatial Interpolation of the Standardized Precipitation Index for Computational Efficiency in the Dynamic Drought Index Tool. Journal of Applied Meteorology and Climatology, 2015, 54, 795-810.	0.6	9
282	The biggest drought events in Europe from 1950 to 2012. Journal of Hydrology: Regional Studies, 2015, 3, 509-524.	1.0	232
283	What are the impacts of bias correction on future drought projections?. Journal of Hydrology, 2015, 525, 472-485.	2.3	51
284	CMIP5 projected changes in spring and summer drought and wet conditions over North America. Climate Dynamics, 2015, 44, 2737-2750.	1.7	118
285	Variability in dryness and wetness in central Finland and the role of teleconnection patterns. Theoretical and Applied Climatology, 2015, 122, 471-486.	1.3	35
286	Explaining spatial variations in climate hazard impacts in western Mongolia. Landscape Ecology, 2015, 30, 91-107.	1.9	41
287	Modeling drought impact occurrence based on meteorological drought indices in Europe. Journal of Hydrology, 2015, 530, 37-50.	2.3	169
288	Effects of climate change on longâ€ŧerm population growth of pronghorn in an arid environment. Ecosphere, 2015, 6, 1-20.	1.0	29
289	Meteorological Drought Quantification with Standardized Precipitation Anomaly Index for the Regions with Strongly Seasonal and Periodic Precipitation. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	0.8	39
290	A time series processing tool to extract climate-driven interannual vegetation dynamics using Ensemble Empirical Mode Decomposition (EEMD). Remote Sensing of Environment, 2015, 169, 375-389.	4.6	71
291	A Matlab© toolbox for calculating spring indices from daily meteorological data. Computers and Geosciences, 2015, 83, 46-53.	2.0	31
292	Comprehensive evaluation of the changing drought characteristics in Bundelkhand region of Central India. Meteorology and Atmospheric Physics, 2015, 127, 163-182.	0.9	32
293	Evaluation and application of the SPDI-JDI for droughts in Texas, USA. Journal of Hydrology, 2015, 521, 34-45.	2.3	23
294	Analyses of Drought Events in Calabria (Southern Italy) Using Standardized Precipitation Index. Water Resources Management, 2015, 29, 557-573.	1.9	70
295	Probabilistic drought classification using gamma mixture models. Journal of Hydrology, 2015, 526, 116-126.	2.3	19

#	Article	IF	CITATIONS
296	Comparative analysis of drought based on precipitation and soil moisture indices in Haihe basin of North China during the period of 1960–2010. Journal of Hydrology, 2015, 526, 55-67.	2.3	77
297	Drought Monitoring and Assessment. , 2015, , 233-262.		36
298	Spatial and temporal analysis of drought using entropy-based standardized precipitation index: a case study in Poyang Lake basin, China. Theoretical and Applied Climatology, 2015, 122, 543-556.	1.3	34
299	Integration of remote sensing datasets for local scale assessment and prediction of drought. Science of the Total Environment, 2015, 505, 503-507.	3.9	49
300	SPI Modes of Drought Spatial and Temporal Variability in Portugal: Comparing Observations, PT02 and GPCC Gridded Datasets. Water Resources Management, 2015, 29, 487-504.	1.9	27
301	Quantifying the impact of climate change on drought regimes using the Standardised Precipitation Index. Theoretical and Applied Climatology, 2015, 120, 41-54.	1.3	68
302	A drought monitoring operational system for China using satellite data: design and evaluation. Geomatics, Natural Hazards and Risk, 2016, 7, 264-277.	2.0	31
303	Predictability of Seasonal Streamflow in a Changing Climate in the Sierra Nevada. Climate, 2016, 4, 57.	1.2	10
304	Analysis of Climate Variability and Drought Frequency Events on Limpopo River Basin, South Africa. Hydrology Current Research, 2016, 7, .	0.4	2
305	Increasing the regional availability of the Standardized Precipitation Index: an operational approach. Bragantia, 2016, 75, 507-521.	1.3	7
306	Assessing various drought indicators in representing summer drought in boreal forests in Finland. Hydrology and Earth System Sciences, 2016, 20, 175-191.	1.9	36
307	Evaluating an Enhanced Vegetation Condition Index (VCI) Based on VIUPD for Drought Monitoring in the Continental United States. Remote Sensing, 2016, 8, 224.	1.8	85
308	From meteorological to hydrological drought using standardised indicators. Hydrology and Earth System Sciences, 2016, 20, 2483-2505.	1.9	323
309	Spatiotemporal Characteristics of Groundwater Drought and Its Response to Meteorological Drought in Jiangsu Province, China. Water (Switzerland), 2016, 8, 480.	1.2	26
310	Multiscale evaluation of the Standardized Precipitation Index as aÂgroundwater drought indicator. Hydrology and Earth System Sciences, 2016, 20, 1117-1131.	1.9	133
311	Comparative Influences of Precipitation and River Stage on Groundwater Levels in Near-River Areas. Sustainability, 2016, 8, 1.	1.6	814
312	Assessment of Meteorological Drought in Korea under Climate Change. Advances in Meteorology, 2016, 2016, 1-13.	0.6	21
313	Evaluation of TRMM 3B43 Precipitation Data for Drought Monitoring in Jiangsu Province, China. Water (Switzerland), 2016, 8, 221.	1.2	53

#	Article	IF	CITATIONS
314	The Use of TRMM 3B42 Product for Drought Monitoring in Mexico. Water (Switzerland), 2016, 8, 325.	1.2	39
315	Potential Foraging Decisions by a Desert Ungulate to Balance Water and Nutrient Intake in a Water-Stressed Environment. PLoS ONE, 2016, 11, e0148795.	1.1	18
316	Investigation of hydrological drought using Cumulative Standardized Precipitation Index (SPI 30) in the eastern Mediterranean region (Damascus, Syria). Journal of Earth System Science, 2016, 125, 969-984.	0.6	19
317	The Evaporative Demand Drought Index. Part I: Linking Drought Evolution to Variations in Evaporative Demand. Journal of Hydrometeorology, 2016, 17, 1745-1761.	0.7	209
318	Application of several data-driven techniques to predict a standardized precipitation index. Atmosfera, $0$ , , .	0.3	52
319	Assessment of Summer Drought in 2015 Using Different Indices in the Catchment of Blanice River. Procedia Engineering, 2016, 162, 45-55.	1.2	7
320	Using multifractal and wavelet analyses to determine drought characteristics: a case study of Jilin province, China. Theoretical and Applied Climatology, 2016, 125, 829-840.	1.3	13
321	A comparative analysis of four drought indices using geospatial data in Gujarat, India. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	12
322	A theoretical drought classification method for the multivariate drought index based on distribution properties of standardized drought indices. Advances in Water Resources, 2016, 92, 240-247.	1.7	56
323	Grape harvest dates as indicator of spring-summer mean maxima temperature variations in the Minho region (NW of Portugal) since the 19th century. Global and Planetary Change, 2016, 141, 39-53.	1.6	12
324	The Evaporative Demand Drought Index. Part II: CONUS-Wide Assessment against Common Drought Indicators. Journal of Hydrometeorology, 2016, 17, 1763-1779.	0.7	113
325	Resolving regional frequency analysis of precipitation at large and complex scales using a bottom-up approach: The Latin America and the Caribbean Drought Atlas. Journal of Hydrology, 2016, 538, 515-538.	2.3	13
326	Observations, projections and impacts of climate change on water resources in Arabian Peninsula: current and future scenarios. Environmental Earth Sciences, 2016, 75, 1.	1.3	24
327	Characteristics of integrated droughts based on a nonparametric standardized drought index in the Yellow River Basin, China. Hydrology Research, 2016, 47, 454-467.	1.1	24
328	Evaluation of a High-Resolution SPI for Monitoring Local Drought Severity. Journal of Applied Meteorology and Climatology, 2016, 55, 2247-2262.	0.6	8
329	A fuzzy c-means approach regionalization for analysis of meteorological drought homogeneous regions in western India. Natural Hazards, 2016, 84, 1831-1847.	1.6	30
330	Vegetation response to precipitation variability in East Africa controlled by biogeographical factors. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 2422-2444.	1.3	60
331	Analysis of Spatio-temporal Characteristics and Regional Frequency of Droughts in the Southern Peninsula of India. Water Resources Management, 2016, 30, 3879-3898.	1.9	16

#	Article	IF	CITATIONS
332	Future frequencies of extreme weather events in the National Wildlife Refuges of the conterminous U.S Biological Conservation, 2016, 201, 327-335.	1.9	17
333	Global land moisture trends: drier in dry and wetter in wet over land. Scientific Reports, 2016, 5, 18018.	1.6	116
334	Extreme Historical Droughts in the South-Eastern Alps $\hat{a}\in$ "Analyses Based on Standardised Precipitation Index. Acta Geophysica, 2016, 64, 1731-1754.	1.0	3
335	Influence of Precipitation Changes on the SPI and Related Drought Severity. An Analysis Using Long-Term Data Series. Water Resources Management, 2016, 30, 5737-5757.	1.9	28
336	Meteorological drought in Bangladesh: assessing, analysing and hazard mapping using SPI, GIS and monthly rainfall data. Environmental Earth Sciences, 2016, 75, 1.	1.3	80
337	Drought vulnerability mapping using AHP method in arid and semiarid areas: a case study for Taft Township, Yazd Province, Iran. Environmental Earth Sciences, 2016, 75, 1.	1.3	38
338	Statistical Properties of Global Precipitation in the NCEP GFS Model and TMPA Observations for Data Assimilation. Monthly Weather Review, 2016, 144, 663-679.	0.5	35
339	Decreasing US aridity in a warming climate. International Journal of Climatology, 2016, 36, 1560-1564.	1.5	9
340	An evaluation of the Standardized Precipitation Index for assessing interâ€annual rice yield variability in the Ganges–Brahmaputra–Meghna region. International Journal of Climatology, 2016, 36, 2210-2222.	1.5	14
341	The Modified Rainfall Anomaly Index (mRAI)—is this an alternative to the Standardised Precipitation Index (SPI) in evaluating future extreme precipitation characteristics?. Theoretical and Applied Climatology, 2016, 123, 827-844.	1.3	49
342	Quantifying the reliability of four global datasets for drought monitoring over a semiarid region. Theoretical and Applied Climatology, 2016, 123, 387-398.	1.3	34
343	Precipitable water vapor and its relationship with the Standardized Precipitation Index: ground-based GPS measurements and reanalysis data. Theoretical and Applied Climatology, 2016, 123, 263-275.	1.3	21
344	The "Piano dell'Acqua―sinkholes (San Basile, Northern Calabria, Italy). Bulletin of Engineering Geology and the Environment, 2016, 75, 37-52.	1.6	9
345	Spatiotemporal analysis of multiscalar drought characteristics across the Loess Plateau of China. Journal of Hydrology, 2016, 534, 281-299.	2.3	153
346	Spatio-temporal variation of hydrological drought under climate change during the period 1960–2013 in the Hexi Corridor, China. Journal of Arid Land, 2016, 8, 157-171.	0.9	27
347	Cumulative drought effect on Figeh karstic spring discharge (Damascus basin, Syria). Environmental Earth Sciences, 2016, 75, 1.	1.3	9
348	Temporal analysis of rainfall (1871–2012) and drought characteristics over a tropical monsoon-dominated State (Kerala) of India. Journal of Hydrology, 2016, 534, 266-280.	2.3	121
349	Heat waves, temperature extremes and their impacts on monsoon rainfall and meteorological drought in Gujarat, India. Natural Hazards, 2016, 82, 367-388.	1.6	39

#	Article	IF	CITATIONS
350	Clustering Quantile Regression-Based Drought Trends in Taiwan. Water Resources Management, 2016, 30, 1053-1069.	1.9	21
351	21st century drought outlook for major climate divisions of Texas based on CMIP5 multimodel ensemble: Implications for water resource management. Journal of Hydrology, 2016, 534, 300-316.	2.3	97
352	Drought monitoring using an Integrated Drought Condition Index (IDCI) derived from multi-sensor remote sensing data. Natural Hazards, 2016, 80, 1135-1152.	1.6	18
353	Short-term SPI drought forecasting in the Awash River Basin in Ethiopia using wavelet transforms and machine learning methods. Sustainable Water Resources Management, 2016, 2, 87-101.	1.0	75
354	Future Changes in Drought Characteristics: Regional Analysis for South Korea under CMIP5 Projections. Journal of Hydrometeorology, 2016, 17, 437-451.	0.7	57
355	Influence of evapotranspiration on future drought risk using bivariate drought frequency curves. KSCE Journal of Civil Engineering, 2016, 20, 2059-2069.	0.9	10
356	Uncertainty in drought monitoring by the Standardized Precipitation Index: the case study of the Abruzzo region (central Italy). Theoretical and Applied Climatology, 2017, 128, 13-26.	1.3	28
357	Drought episodes over Greece as simulated by dynamical and statistical downscaling approaches. Theoretical and Applied Climatology, 2017, 129, 587-605.	1.3	8
358	Comprehensive stochastic assessment of meteorological drought indices. International Journal of Climatology, 2017, 37, 998-1013.	1.5	50
359	Historical trends in precipitation, temperature and drought in the Alabama–Coosa–Tallapoosa and Apalachicola–Chattahoochee–Flint river basins. International Journal of Climatology, 2017, 37, 583-595.	1.5	7
360	A revised drought index based on precipitation and pan evaporation. International Journal of Climatology, 2017, 37, 793-801.	1.5	31
361	A 250â€year drought catalogue for the island of Ireland (1765–2015). International Journal of Climatology, 2017, 37, 239-254.	1.5	47
362	Statistical distributions for monthly aggregations of precipitation and streamflow in drought indicator applications. Water Resources Research, 2017, 53, 999-1018.	1.7	81
363	Drought analysis and its implication in sustainable water resource management in Barind area, Bangladesh. Journal of the Geological Society of India, 2017, 89, 47-56.	0.5	40
364	Spatiotemporal dynamics of global drought. Geophysical Research Letters, 2017, 44, 2254-2263.	1.5	125
365	Meteorological drought forecasting for ungauged areas based on machine learning: Using long-range climate forecast and remote sensing data. Agricultural and Forest Meteorology, 2017, 237-238, 105-122.	1.9	158
366	Relating Hydrological and Meteorological Drought Indices in Order to Identify Causes of low Flows in the Catchment of Blanice River. Environmental Processes, 2017, 4, 149-161.	1.7	6
367	Rainfall variability, rainfed agriculture and degree of human marginality in North Guanajuato, Mexico. Singapore Journal of Tropical Geography, 2017, 38, 153-166.	0.6	8

#	Article	IF	CITATIONS
368	Risky business: The impact of climate and climate variability on human population dynamics in Western Europe during the Last Glacial Maximum. Quaternary Science Reviews, 2017, 164, 217-229.	1.4	47
369	Spatial comparability of drought characteristics and related return periods in mainland China over 1961–2013. Journal of Hydrology, 2017, 550, 549-567.	2.3	137
370	Identifying the effect of climate variability on communal conflict through randomization. Climatic Change, 2017, 141, 627-639.	1.7	30
371	Bridging drought and climate aridity. Journal of Arid Environments, 2017, 144, 170-180.	1.2	24
372	BME Spatiotemporal Estimation of Annual Precipitation and Detection of Drought Hazard Clusters Using Space–Time Scan Statistics in the Yun-Gui-Guang Region, Mainland China. Journal of Applied Meteorology and Climatology, 2017, 56, 2301-2316.	0.6	8
373	Analyzing the impact of thermal stress on vegetation health and agricultural drought – a case study from Gujarat, India. GlScience and Remote Sensing, 2017, 54, 678-699.	2.4	63
374	Extreme precipitation variability, forage quality and large herbivore diet selection in arid environments. Oikos, 2017, 126, 1459-1471.	1,2	12
375	Trend analysis of precipitation and drought in the <scp>A</scp> egean region, <scp>T</scp> urkey.  Meteorological Applications, 2017, 24, 239-249.	0.9	62
376	Multiyear Droughts and Pluvials over the Upper Colorado River Basin and Associated Circulations. Journal of Hydrometeorology, 2017, 18, 799-818.	0.7	11
377	Premonsoon Drought in India Observed from Space. Journal of Hydrometeorology, 2017, 18, 683-692.	0.7	4
378	On bias correction in drought frequency analysis based on climate models. Climatic Change, 2017, 140, 361-374.	1.7	10
379	GIS-based climate variability and drought characterization in Ethiopia over three decades. Weather and Climate Extremes, 2017, 15, 11-23.	1.6	108
380	Evaluating the uncertainty and reliability of standardized indices. Hydrology Research, 2017, 48, 701-713.	1.1	9
381	Observed drought indices show increasing divergence across Europe. Scientific Reports, 2017, 7, 14045.	1.6	144
382	Land-Use Change and Communal Conflicts in Sub-Saharan Africa. Peace Economics, Peace Science and Public Policy, 2017, 23, .	0.3	3
383	Overexploitation and cumulative drought trend effect on Ras El Ain karstic spring discharge (Khabour Sub-basin, Syria). Journal of Earth System Science, 2017, 126, 1.	0.6	5
384	Long-term spatio-temporal drought variability in Turkey. Journal of Hydrology, 2017, 552, 779-792.	2.3	93
385	Groundwater level responses to precipitation variability in Mediterranean insular aquifers. Journal of Hydrology, 2017, 552, 516-531.	2.3	71

#	Article	IF	CITATIONS
386	Reconstructing hydro-climatological data using dynamical downscaling of reanalysis products in data-sparse regions – Application to the Limpopo catchment in southern Africa. Journal of Hydrology: Regional Studies, 2017, 12, 378-395.	1.0	7
387	Assessing the threat of future megadrought in Iberia. International Journal of Climatology, 2017, 37, 5024-5034.	1.5	29
388	Drought impacts on photosynthesis, isoprene emission and atmospheric formaldehyde in a mid-latitude forest. Atmospheric Environment, 2017, 167, 190-201.	1.9	16
389	The Effect of Temperature Adjustment on Reference Evapotranspiration and Reconnaissance Drought Index (RDI) in Iran. Water Resources Management, 2017, 31, 5001-5017.	1.9	8
390	Global Analysis of Ecosystem Evapotranspiration Response to Precipitation Deficits. Journal of Geophysical Research D: Atmospheres, 2017, 122, 13,308.	1.2	7
391	Joint modelling of drought characteristics derived from historical and synthetic rainfalls: Application of Generalized Linear Models and Copulas. Journal of Hydrology: Regional Studies, 2017, 14, 167-181.	1.0	28
392	Improving the efficiency targeting of Malawi's farm input subsidy programme: Big pain, small gain?. Food Policy, 2017, 73, 104-118.	2.8	11
393	Assess the Impact of Climate Change on the Hydrological Drought in Southern Khorasan Province, Iran. , 2017, , .		2
394	The applicability of Standardized Precipitation Index: drought characterization for early warning system and weather index insurance in West Africa. Natural Hazards, 2017, 89, 555-583.	1.6	41
395	Seed Production in Festuca Hallii Is Regulated by Adaptation to Long-Term Temperature and Precipitation Patterns. Rangeland Ecology and Management, 2017, 70, 238-243.	1.1	3
396	Flood/drought event identification using an effective indicator based on the correlations between multiple time scales of the Standardized Precipitation Index and river discharge. Theoretical and Applied Climatology, 2017, 128, 159-168.	1.3	18
397	Drought Monitoring and Assessment Using Remote Sensing. Springer Remote Sensing/photogrammetry, 2017, , 151-172.	0.4	14
398	Evaluation and Assessment of Meteorological Drought by Different Methods in Trarza Region, Mauritania. Water Resources Management, 2017, 31, 825-845.	1.9	39
399	An Entropy-Based Investigation into Bivariate Drought Analysis in China. Water (Switzerland), 2017, 9, 632.	1.2	9
400	Blended Drought Index: Integrated Drought Hazard Assessment in the Cuvelai-Basin. Climate, 2017, 5, 51.	1.2	16
401	Drought Trends in the Iberian Peninsula over the Last 112 Years. Advances in Meteorology, 2017, 2017, 1-13.	0.6	55
402	Characterizing the spatiotemporal variability of groundwater levels of alluvial aquifers in different settings using drought indices. Hydrology and Earth System Sciences, 2017, 21, 2421-2448.	1.9	24
403	The European 2015 drought from a climatological perspective. Hydrology and Earth System Sciences, 2017, 21, 1397-1419.	1.9	224

#	Article	IF	CITATIONS
404	Observed and blended gauge-satellite precipitation estimates perspective on meteorological drought intensity over South Sulawesi, Indonesia. IOP Conference Series: Earth and Environmental Science, 2017, 54, 012040.	0.2	8
405	Secas e seus impactos no municÃpio de Boqueirão, PB, Brasil. Revista Ambiente & Ãgua, 2017, 12, 316.	0.1	3
406	Recent Patterns in Climate, Vegetation, and Forest Water Use in California Montane Watersheds. Forests, 2017, 8, 278.	0.9	5
407	Ecosystem Drought Response Timescales from Thermal Emission versus Shortwave Remote Sensing. Advances in Meteorology, 2017, 2017, 1-10.	0.6	132
408	Wetter summers can intensify departures from natural variability in a warming climate. Nature Communications, 2018, 9, 783.	5.8	34
409	Identification of Drought Occurrences Using Ensemble Predictions up to 20-Days in Advance. Water Resources Management, 2018, 32, 2113-2130.	1.9	11
410	A hybrid drought index combining meteorological, hydrological, and agricultural information based on the entropy weight theory. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	20
411	An ensemble-ANFIS based uncertainty assessment model for forecasting multi-scalar standardized precipitation index. Atmospheric Research, 2018, 207, 155-180.	1.8	70
412	Atmospheric and Surface Climate Associated With 1986–2013 Wildfires in North America. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1588-1609.	1.3	13
413	Global Assessment of the Standardized Evapotranspiration Deficit Index (SEDI) for Drought Analysis and Monitoring. Journal of Climate, 2018, 31, 5371-5393.	1.2	86
414	Evaluating satellite-based precipitation products in monitoring drought events in southwest China. International Journal of Remote Sensing, 2018, 39, 3186-3214.	1.3	22
415	Food Abundance and Violent Conflict in Africa. American Journal of Agricultural Economics, 2018, 100, 981-1006.	2.4	48
416	Investigation of drought-vulnerable regions in North Korea using remote sensing and cloud computing climate data. Environmental Monitoring and Assessment, 2018, 190, 126.	1.3	15
417	Detecting Changes in Annual and Seasonal Rainfall Patterns for Chennai, India. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	9
418	A drought indicator reflecting ecosystem responses to water availability: The Normalized Ecosystem Drought Index. Agricultural and Forest Meteorology, 2018, 250-251, 102-117.	1.9	27
419	Estimating uncertainty associated with the standardized precipitation index. International Journal of Climatology, 2018, 38, e607.	1.5	26
420	Analysis of hydrological data with correlation matrices: technical implementation and possible applications. Environmental Earth Sciences, 2018, 77, 1.	1.3	6
421	A fusion-based methodology for meteorological drought estimation using remote sensing data. Remote Sensing of Environment, 2018, 211, 229-247.	4.6	86

#	Article	IF	Citations
422	Socially-Optimal and Nash Pareto-Based Alternatives for Water Allocation under Uncertainty: an Approach and Application. Water Resources Management, 2018, 32, 2985-3000.	1.9	16
423	Meteorological drought assessment in north east highlands of Ethiopia. International Journal of Climate Change Strategies and Management, 2018, 10, 142-160.	1.5	56
424	Precursor conditions related to Zimbabwe's summer droughts. Theoretical and Applied Climatology, 2018, 131, 413-431.	1.3	8
425	Analysis and mapping of present and future drought conditions over Greek areas with different climate conditions. Theoretical and Applied Climatology, 2018, 131, 259-270.	1.3	16
426	Analyzing temporal–spatial characteristics of drought events in the northern part of Cyprus. Environment, Development and Sustainability, 2018, 20, 1553-1574.	2.7	16
427	Introduction of new datasets of drought indices based on multivariate methods in semi-arid regions. Hydrology Research, 2018, 49, 266-280.	1.1	14
428	Investigating the presumed causal links between drought and dzud in Mongolia. Natural Hazards, 2018, 92, 27-43.	1.6	27
429	Ocean–atmosphere conditions related to severe and persistent droughts in the Mexican Altiplano. International Journal of Climatology, 2018, 38, 853-866.	1.5	9
430	Comprehensive drought index as an indicator for use in drought monitoring integrating multi-source remote sensing data: a case study covering the Sichuan-Chongqing region. International Journal of Remote Sensing, 2018, 39, 786-809.	1.3	17
431	The groundwater budget: A tool for preliminary estimation of the hydraulic connection between neighboring aquifers. Journal of Hydrology, 2018, 556, 72-86.	2.3	25
432	Uncertainties of gridded precipitation observations in characterizing spatioâ€temporal drought and wetness over Vietnam. International Journal of Climatology, 2018, 38, 2067-2081.	1.5	47
433	Will drought events become more frequent and severe in Europe?. International Journal of Climatology, 2018, 38, 1718-1736.	1.5	553
434	Diversification Strategies and Adaptation Deficit: Evidence from Rural Communities in Niger. World Development, 2018, 101, 219-234.	2.6	77
435	Using geographical information system to generate a drought risk map for rice cultivation: Case study in Babahoyo canton (Ecuador). Biosystems Engineering, 2018, 168, 26-41.	1.9	20
436	A new precipitation and drought climatology based on weather patterns. International Journal of Climatology, 2018, 38, 630-648.	1.5	31
437	Evaluation of Drought Severity with a Bayesian Network Analysis of Multiple Drought Indices. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	1.3	22
438	Spatial and Time Variability of Drought Based on SPI and RDI with Various Time Scales. Water Resources Management, 2018, 32, 1087-1100.	1.9	41
439	Comparing SPI and RDI Applied at Local Scale as Influenced by Climate. Water Resources Management, 2018, 32, 1071-1085.	1.9	35

#	Article	IF	CITATIONS
440	Using the normality assumption to calculate probabilityâ€based standardized drought indices: selection criteria with emphases on typical events. International Journal of Climatology, 2018, 38, e418.	1.5	18
441	Water Sustainability Assessment Under Climatic Uncertainty—A Case Study of Chhattisgarh (India). Water Science and Technology Library, 2018, , 231-261.	0.2	0
442	Evaluation of spatial and temporal relationships between largeâ€scale atmospheric oscillations and meteorological drought indexes in Turkey. International Journal of Climatology, 2018, 38, 4579-4596.	1.5	18
443	Spatial variability of SPI and RDI <sub>st</sub> drought indices applied to intense episodes of drought occurred in Rio de Janeiro State, Brazil. International Journal of Climatology, 2018, 38, 3896-3916.	1.5	30
444	Application of a hybrid multiscalar indicator in drought identification in Beijing and Guangzhou, China. Water Science and Engineering, 2018, 11, 177-186.	1.4	5
445	A Probabilistic Approach for Assessment of Future Drought in Bagmati River Basin, Nepal. Nepalese Journal of Statistics, 2018, 2, 75-88.	0.0	1
446	A Comprehensive Assessment of Drought and Climate Change. MATEC Web of Conferences, 2018, 246, 02008.	0.1	0
447	Drought Propagation in Semi-Arid River Basins in Latin America: Lessons from Mexico to the Southern Cone. Water (Switzerland), 2018, 10, 1564.	1.2	23
448	Underestimates of Grassland Gross Primary Production in MODIS Standard Products. Remote Sensing, 2018, 10, 1771.	1.8	36
449	Climate Resilience Pathways of Rural Households. Evidence from Ethiopia. SSRN Electronic Journal, 2018, , .	0.4	2
450	Drought Prediction for Areas with Sparse Monitoring Networks: A Case Study for Fiji. Water (Switzerland), 2018, 10, 788.	1.2	12
451	Drought distribution using the standardized precipitation index: case of Gabes Basin, South Tunisia. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	16
452	Past and Future Precipitation Trend Analysis for the City of Niamey (Niger): An Overview. Climate, 2018, 6, 73.	1.2	18
453	Characterizing water storage trends and regional climate influence using GRACE observation and satellite altimetry data in the Upper Blue Nile River Basin. Journal of Hydrology, 2018, 566, 274-284.	2.3	31
454	Drought dynamics and interannual rainfall variability on the Ghaap plateau, South Africa, 1918–2014. Physics and Chemistry of the Earth, 2018, 107, 1-7.	1.2	12
455	Convective suppression before and during the United States Northern Great Plains flash drought of 2017. Hydrology and Earth System Sciences, 2018, 22, 4155-4163.	1.9	46
456	Assessment of dry and wet periods using selected rainfall-based drought indicators – a case study. ISH Journal of Hydraulic Engineering, 2021, 27, 301-308.	1.1	1
457	Effects of climate change on the environmental flows in the Conchos River (Chihuahua, Mexico). Ecohydrology and Hydrobiology, 2018, 18, 431-440.	1.0	5

#	Article	IF	CITATIONS
458	Assessment of drought risk index using drought hazard and vulnerability indices. A rabian Journal of Geosciences, 2018, $11$ , $1$ .	0.6	48
459	Decreases in global beer supply due to extreme drought and heat. Nature Plants, 2018, 4, 964-973.	4.7	153
460	The effect of climate type on timescales of drought propagation in an ensemble of global hydrological models. Hydrology and Earth System Sciences, 2018, 22, 4649-4665.	1.9	70
461	Drought Analysis in Europe and in the Mediterranean Basin Using the Standardized Precipitation Index. Water (Switzerland), 2018, 10, 1043.	1.2	83
462	Drought hazard, vulnerability, and risk assessment in Turkey. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	43
463	A Holistic View of Water Management Impacts on Future Droughts: A Global Multimodel Analysis. Journal of Geophysical Research D: Atmospheres, 2018, 123, 5947-5972.	1.2	25
464	How accurate are the performances of gridded precipitation data products over Northeast China?. Atmospheric Research, 2018, 211, 12-20.	1.8	42
465	Future Hydrologic Extremes of the Red River Basin. Journal of Applied Meteorology and Climatology, 2018, 57, 1321-1336.	0.6	15
466	Big Data, Computing, and Water Resources Hazards. Journal of the American Water Resources Association, 2018, 54, 765-766.	1.0	2
467	SPI Trend Analysis of New Zealand Applying the ITA Technique. Geosciences (Switzerland), 2018, 8, 101.	1.0	43
468	Improved Drought Prediction Using Near Real-Time Climate Forecasts and Simulated Hydrologic Conditions. Sustainability, 2018, 10, 1799.	1.6	23
469	Analysis of long term drought severity characteristics and trends across semiarid Botswana using two drought indices. Atmospheric Research, 2018, 213, 492-508.	1.8	86
470	Identifying Sustained Drought Anomalies in Hydrological Records: A Wavelet Approach. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7416-7432.	1.2	21
471	Multi-stage committee based extreme learning machine model incorporating the influence of climate parameters and seasonality on drought forecasting. Computers and Electronics in Agriculture, 2018, 152, 149-165.	3.7	58
472	Understanding the impact of droughts in the Yarmouk Basin, Jordan: monitoring droughts through meteorological and hydrological drought indices. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	45
473	Assessment of the Standardized Precipitation Index (SPI) in Tegal City, Central Java, Indonesia. IOP Conference Series: Earth and Environmental Science, 2018, 129, 012019.	0.2	24
474	Crop Drought Identification Index for winter wheat based on evapotranspiration in the Huang-Huai-Hai Plain, China. Agriculture, Ecosystems and Environment, 2018, 263, 18-30.	2.5	36
475	Impacts of internal climate variability on meteorological drought changes in China. Atmospheric and Oceanic Science Letters, 2018, 11, 78-85.	0.5	8

#	Article	IF	CITATIONS
476	Geographic factors predict wild food and nonfood NTFP collection by households across four African countries. Forest Policy and Economics, 2018, 96, 38-53.	1.5	21
477	Impacts of Agricultural Expansion (1910s–2010s) on the Water Cycle in the Songneng Plain, Northeast China. Remote Sensing, 2018, 10, 1108.	1.8	13
478	Impacts of climate change on drought: changes to drier conditions at the beginning of the crop growing season in southern Brazil. Bragantia, 2018, 77, 201-211.	1.3	23
479	Statistical Analysis of Food Crises and Mass Killing. , 2019, , 119-151.		O
480	Meteorological drought monitoring and preparation of long-term and short-term drought zoning maps using regional frequency analysis and L-moment in the Khuzestan province of Iran. Theoretical and Applied Climatology, 2019, 137, 77-87.	1.3	14
481	Towards a theoretical understanding of multiscalar drought indices based on the relationship between precipitation and standardized precipitation index. Theoretical and Applied Climatology, 2019, 136, 1465-1473.	1.3	4
482	Exposure assessment of rainfall to interannual variability using the wavelet transform. International Journal of Climatology, 2019, 39, 568-578.	1.5	20
483	On the Connection between Atmospheric Moisture Transport and Dry Conditions in Rainfall Climatological Zones of the Niger River Basin. Water (Switzerland), 2019, 11, 622.	1.2	8
484	Changing impacts and societal responses to drought in southwestern Germany since 1800. Regional Environmental Change, 2019, 19, 2311-2323.	1.4	39
485	Delineation of agricultural drought-prone zones considering irrigation capacities of agricultural facilities under climate change. Paddy and Water Environment, 2019, 17, 783-796.	1.0	1
486	Evaluating the efficiency of the neural network to other methods in predicting drought in arid and semi-arid regions of western Iran. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	8
487	An Investigation into the Spatial and Temporal Variability of the Meteorological Drought in Jordan. Climate, 2019, 7, 82.	1.2	23
488	Probabilistic assessment of remote sensing-based terrestrial vegetation vulnerability to drought stress of the Loess Plateau in China. Remote Sensing of Environment, 2019, 232, 111290.	4.6	133
490	defining droughts: Response to †The ecology of drought †a workshop report†M. South African Journal of Science, 2019, 115, .	0.3	4
491	Characterizing meteorological droughts in data scare regions using remote sensing estimates of precipitation., 2019,, 221-246.		6
492	Parametric Probability Distributions. , 2019, , 77-141.		2
494	A 50-year analysis of hydrological trends and processes in a Mediterranean catchment. Hydrology and Earth System Sciences, 2019, 23, 2699-2714.	1.9	18
495	An Annual basal area growth model with multiplicative climate modifier fitted to longitudinal data for shortleaf pine. Forestry, 2019, 92, 538-553.	1.2	3

#	Article	IF	CITATIONS
496	Analysis of Drought-Sensitive Areas and Evolution Patterns through Statistical Simulations of the Indian Ocean Dipole Mode. Water (Switzerland), 2019, 11, 1302.	1.2	5
497	Evaluating the sensitivity of precipitation-based drought indices to different lengths of record. Journal of Hydrology, 2019, 579, 124181.	2.3	27
498	Optimal evacuation decision policies for Benue flood disaster in Nigeria. Journal of Physics: Conference Series, 2019, 1299, 012137.	0.3	0
499	ldentifying a transition climate zone in an arid river basin using the evaporative stress index. Natural Hazards and Earth System Sciences, 2019, 19, 2281-2294.	1.5	10
500	Agricultural drought projection in Ethiopia from 1981 to 2050: Using coordinated regional climate downscaling experiment climate data for Africa. , 2019, , 311-323.		4
501	Drought and climate teleconnection and drought monitoring. , 2019, , 275-295.		4
502	Net Neutrality Regulation in the EU: Competition and Beyond. Journal of European Competition Law and Practice, $2019, \ldots$	0.4	2
503	Retrospective Analysis of Summer Temperature Anomalies with the Use of Precipitation and Evapotranspiration Rates. Climate, 2019, 7, 104.	1.2	6
504	Interannual Hydroclimatic Variability of the Lake Mweru Basin, Zambia. Water (Switzerland), 2019, 11, 1801.	1.2	6
505	Juvenile thinning can effectively mitigate the effects of drought on tree growth and water consumption in a young Pinus contorta stand in the interior of British Columbia, Canada. Forest Ecology and Management, 2019, 454, 117667.	1.4	22
506	Hunger, nutrition, and precipitation: evidence from Ghana and Bangladesh. Population and Environment, 2019, 41, 151-208.	1.3	25
507	EFFECTS OF CHANGES IN CLIMATIC CONDITIONS ON NEW MEXICO PECAN PRODUCTION, PRICE, AND CASH RECEIPTS. Climate Change Economics, 2019, 10, 1950006.	2.9	0
508	Projecting meteorological, hydrological and agricultural droughts for the Yangtze River basin. Science of the Total Environment, 2019, 696, 134076.	3.9	79
509	Gap Filling of Monthly Temperature Data and Its Effect on Climatic Variability and Trends. Journal of Climate, 2019, 32, 7797-7821.	1.2	26
510	The effect of tree diversity on the resistance and recovery of forest stands in the French Alps may depend on species differences in hydraulic features. Forest Ecology and Management, 2019, 450, 117486.	1.4	19
511	Climate change-induced drought evolution over the past 50 years in the southern Chinese Loess Plateau. Environmental Modelling and Software, 2019, 122, 104519.	1.9	42
512	Comparative analyses of SPI and SPEI as drought assessment tools in Tigray Region, Northern Ethiopia. SN Applied Sciences, 2019, 1, 1.	1.5	44
513	Drought interval simulation using functional data analysis. Journal of Hydrology, 2019, 579, 124141.	2.3	28

#	ARTICLE	IF	CITATIONS
514	A drought climatology for Mauritius using the standardized precipitation index. Hydrological Sciences Journal, 2019, 64, 227-240.	1.2	11
515	Assessing structural uncertainty caused by different weighting methods on the Standardized Drought Vulnerability Index (SDVI). Stochastic Environmental Research and Risk Assessment, 2019, 33, 515-533.	1.9	21
516	Drought indices and indicators revisited. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	106
517	Improving SPI-derived drought forecasts incorporating synoptic-scale climate indices in multi-phase multivariate empirical mode decomposition model hybridized with simulated annealing and kernel ridge regression algorithms. Journal of Hydrology, 2019, 576, 164-184.	2.3	71
518	Teleconnection of Regional Drought to ENSO, PDO, and AMO: Southern Florida and the Everglades. Atmosphere, 2019, 10, 295.	1.0	22
519	Integration of Microwave and Optical/Infrared Derived Datasets for a Drought Hazard Inventory in a Sub-Tropical Region of India. Remote Sensing, 2019, 11, 439.	1.8	18
520	Sensitivity of SPI to Distribution Functions and Correlation Between its Values at Different Time Scales in Central Africa. Earth Systems and Environment, 2019, 3, 203-214.	3.0	17
521	Quantitative scenarios for future hydrologic extremes in the U.S. Southern Great Plains. International Journal of Climatology, 2019, 39, 2659-2676.	1.5	7
522	Drought prediction based on SPI and SPEI with varying timescales using LSTM recurrent neural network. Soft Computing, 2019, 23, 8399-8412.	2.1	73
523	Projection of near-future climate change and agricultural drought in Mainland Southeast Asia under RCP8.5. Climatic Change, 2019, 155, 175-193.	1.7	28
524	Assessing future drought conditions under a changing climate: a case study of the Lake Urmia basin in Iran. Water Science and Technology: Water Supply, 2019, 19, 1851-1861.	1.0	12
525	Analysis of Drought Progression Physiognomies in South Africa. Water (Switzerland), 2019, 11, 299.	1.2	9
526	Quantitative vulnerability assessment of water quality to extreme drought in a changing climate. Ecological Indicators, 2019, 103, 688-697.	2.6	42
527	Future changes in fire weather, spring droughts, and false springs across U.S. National Forests and Grasslands. Ecological Applications, 2019, 29, e01904.	1.8	16
528	A Probabilistic Weighted Joint Aggregative Drought Index (PWJADI) criterion for drought monitoring systems. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 71, 1588584.	0.8	16
529	Improving meteorological drought monitoring capability over tropical and subtropical water-limited ecosystems: evaluation and ensemble of the Microwave Integrated Drought Index. Environmental Research Letters, 2019, 14, 044025.	2.2	31
530	Spatioâ€temporal drought patterns of multiple drought indices based on precipitation and soil moisture: A case study in South Korea. International Journal of Climatology, 2019, 39, 4669-4687.	1.5	33
531	Assessment of candidate distributions for SPI/SPEI and sensitivity of drought to climatic variables in China. International Journal of Climatology, 2019, 39, 4392-4412.	1.5	64

#	Article	IF	CITATIONS
532	Evaluation of recent drought conditions by standardized precipitation index and potential evapotranspiration over Indonesia. Paddy and Water Environment, 2019, 17, 331-338.	1.0	8
533	An Analysis of Spatio-Temporal Changes in Drought Characteristics over India. Springer Water, 2019, , 23-71.	0.2	1
534	Characterization of meteorological droughts across South Australia. Meteorological Applications, 2019, 26, 556-568.	0.9	16
535	A new global database of meteorological drought events from 1951 to 2016. Journal of Hydrology: Regional Studies, 2019, 22, 100593.	1.0	178
536	Exploring Drought Conditions in the Three River Headwaters Region from 2002 to 2011 Using Multiple Drought Indices. Water (Switzerland), 2019, 11, 190.	1,2	22
537	Changes in the Interannual Summer Drought Variation Along With the Regime Shift Over Northwest China in the Late 1980s. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2868-2881.	1.2	12
538	Deep learning and process understanding for data-driven Earth system science. Nature, 2019, 566, 195-204.	13.7	2,176
539	Rainfall trend and variability in Southeast Florida: Implications for freshwater availability in the Everglades. PLoS ONE, 2019, 14, e0212008.	1.1	35
540	Drought in Ethiopia: Temporal and spatial characteristics. , 2019, , 263-274.		4
541	Widespread Crown Defoliation After a Drought and Heat Wave in the Forests of Tuscany (Central) Tj ETQq1 1 0.2 2019, 2, .	784314 rg 1.0	gBT /Overlock 29
542	Effects of drought on vegetative cover changes: Investigating spatiotemporal patterns., 2019,, 213-222.		13
543	Regional applicability analysis of four drought indices in Chongzuo of South China. IOP Conference Series: Earth and Environmental Science, 2019, 384, 012033.	0.2	0
544	Trends in Drought over the Northeast United States. Water (Switzerland), 2019, 11, 1834.	1,2	12
545	Evaluation of Satellite Precipitation Data for Drought Monitoring in Bundelkhand Region, India. , 2019, , .		7
546	A Counting Process Approach for Trend Assessment of Drought Condition. Hydrology, 2019, 6, 84.	1.3	7
547	Evaluation of Extreme Cold and Drought over the Mongolian Plateau. Water (Switzerland), 2019, 11, 74.	1.2	9
548	Longâ€ŧerm probability of drought characteristics based on Monte Carlo simulation approach. International Journal of Climatology, 2019, 39, 544-557.	1.5	2
549	Ecohydrological Changes and Resilience of a Shallow Lake Ecosystem under Intense Human Pressure and Recent Climate Change. Water (Switzerland), 2019, 11, 32.	1.2	9

#	Article	IF	CITATIONS
550	L-band remote-sensing increases sampled levels of global soil moisture-air temperature coupling strength. Remote Sensing of Environment, 2019, 220, 51-58.	4.6	14
551	Future projection of droughts over major river basins in Southern Africa at specific global warming levels. Theoretical and Applied Climatology, 2019, 137, 1785-1799.	1.3	63
552	Use of meteorological data for identification of drought. ISH Journal of Hydraulic Engineering, 2021, 27, 427-433.	1,1	4
553	The relationship between the Normalized Difference Vegetation Index and drought indices in the South Central United States. Natural Hazards, 2019, 96, 791-808.	1.6	22
554	East Asian Summer Monsoon moisture sustains summer relative humidity in the southwestern Gobi Desert, China: evidence from δ180 of tree rings. Climate Dynamics, 2019, 52, 6321-6337.	1.7	15
555	Drought Assessment in the Sardinia Region (Italy) During 1922–2011 Using the Standardized Precipitation Index. Pure and Applied Geophysics, 2019, 176, 925-935.	0.8	29
556	Relationship Between Hydrologic and Metrological Droughts Using the Streamflow Drought Indices and Standardized Precipitation Indices in the Dez Watershed of Iran. International Journal of Civil Engineering, 2019, 17, 1171-1181.	0.9	9
557	Changes and Trends in Precipitation Extremes and Characteristics. , 2019, , 91-148.		9
558	Understanding the global hydrological droughts of 2003–2016 and their relationships with teleconnections. Science of the Total Environment, 2019, 650, 2587-2604.	3.9	121
559	Drought characterisation based on an agriculture-oriented standardised precipitation index. Theoretical and Applied Climatology, 2019, 135, 1435-1447.	1.3	90
560	Spatiotemporal characteristics of severe dry and wet conditions in the Free State Province, South Africa. Theoretical and Applied Climatology, 2019, 135, 693-706.	1.3	7
561	Fuzzy rule-based forecast of meteorological drought in western Niger. Theoretical and Applied Climatology, 2019, 135, 157-168.	1.3	14
562	On precipitation monitoring with theoretical statistical distributions. Theoretical and Applied Climatology, 2019, 136, 145-156.	1.3	3
563	Applications of multiscale change point detections to monthly stream flow and rainfall in Xijiang River in southern China, part I: correlation and variance. Theoretical and Applied Climatology, 2019, 136, 237-248.	1.3	4
564	Climate and Drought in Turkey. World Water Resources, 2020, , 85-125.	0.4	35
566	Frequency change of future extreme summer meteorological and hydrological droughts over North America. Journal of Hydrology, 2020, 584, 124316.	2.3	52
567	How neighbourhood interactions control the temporal stability and resilience to drought of trees in mountain forests. Journal of Ecology, 2020, 108, 666-677.	1.9	22
568	Observed trends and relationships between ENSO and standardized hydrometeorological drought indices in central Chile. Hydrological Processes, 2020, 34, 159-174.	1.1	13

#	Article	IF	CITATIONS
569	Ecological drought monitoring through fish habitat-based flow assessment in the Gam river basin of Korea. Ecological Indicators, 2020, 109, 105830.	2.6	34
570	Drought Characterization Using Drought Indices and El Niño Effects. The National Academy of Sciences, India, 2020, 43, 339-342.	0.8	9
571	Spatiotemporal Drought Characterization Using Gravity Recovery and Climate Experiment (GRACE) in the Central Plateau Catchment of Iran. Environmental Processes, 2020, 7, 135-157.	1.7	14
572	Rainfed wheat (Triticum aestivum L.) yield prediction using economical, meteorological, and drought indicators through pooled panel data and statistical downscaling. Ecological Indicators, 2020, 111, 105991.	2.6	22
573	Drought spatiotemporal characterization using self-calibrating Palmer Drought Severity Index in the northern region of Nigeria. Results in Engineering, 2020, 5, 100088.	2.2	22
574	Comparative analysis of probability distributions for the Standardized Precipitation Index and drought evolution in China during 1961–2015. Theoretical and Applied Climatology, 2020, 139, 1363-1377.	1.3	22
575	Multi-model drought predictions using temporally aggregated climate indicators. Journal of Hydrology, 2020, 581, 124419.	2.3	12
576	Risk assessment of hybrid rain harvesting system and other small drinking water supply systems by game theory and fuzzy logic modeling. Science of the Total Environment, 2020, 708, 134436.	3.9	16
577	Development of multi-model ensemble approach for enhanced assessment of impacts of climate change on climate extremes. Science of the Total Environment, 2020, 704, 135357.	3.9	50
578	Development of a Typhoon Power Outage Model in Guangdong, China. International Journal of Electrical Power and Energy Systems, 2020, 117, 105711.	3.3	22
579	A national-scale drought assessment in Uganda based on evapotranspiration deficits from the Bouchet hypothesis. Journal of Hydrology, 2020, 580, 124348.	2.3	23
580	Meteorological Drought Study Through SPI in Three Drought Prone Districts of West Bengal, India. Earth Systems and Environment, 2020, 4, 43-55.	3.0	81
581	Assessment of spatio-temporal vegetation dynamics in tropical arid ecosystem of India using MODIS time-series vegetation indices. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	13
582	A novel generalized combinative procedure for Multi-Scalar standardized drought Indices-The long average weighted joint aggregative criterion. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 72, 1736248.	0.8	6
583	Irrigation and hydrometeorological extremes. Climate Dynamics, 2020, 55, 1521-1537.	1.7	8
584	Mapping the sensitivity of agriculture to drought and estimating the effect of irrigation in the United States, 1950–2016. Agricultural and Forest Meteorology, 2020, 292-293, 108124.	1.9	30
585	Hydrological Drought Risk Assessment Using a Multidimensional Copula Function Approach in Arid Inland Basins, China. Water (Switzerland), 2020, 12, 1888.	1.2	16
586	Wavelet based hybrid ANN-ARIMA models for meteorological drought forecasting. Journal of Hydrology, 2020, 590, 125380.	2.3	118

#	ARTICLE	IF	Citations
587	Do CFSv2 Seasonal Forecasts Help Improve the Forecast of Meteorological Drought over Mainland China?. Water (Switzerland), 2020, 12, 2010.	1.2	2
588	Drought indices for the Zagreb-GriĕObservatory with an overview of drought damage in agriculture in Croatia. Theoretical and Applied Climatology, 2020, 142, 555-567.	1.3	13
589	Bayesian network based procedure for regional drought monitoring: The Seasonally Combinative Regional Drought Indicator. Journal of Environmental Management, 2020, 276, 111296.	3.8	16
590	Rapidly quantifying drought impacts to aid reseeding strategies. Rangelands, 2020, 42, 151-158.	0.9	1
591	More frequent and widespread persistent compound drought and heat event observed in China. Scientific Reports, 2020, 10, 14576.	1.6	71
592	Regional characterisation of meteorological drought and floods over west Africa. Sustainable Water Resources Management, 2020, 6, 1.	1.0	6
593	Analysis of Long-Term Variations of Drought Characteristics Using Standardized Precipitation Index over Zambia. Atmosphere, 2020, 11, 1268.	1.0	33
594	Long-Term, Gridded Standardized Precipitation Index for Hawaiâ€~i. Data, 2020, 5, 109.	1.2	3
595	Assessment of hydrological drought based on nonstationary runoff data. Hydrology Research, 2020, 51, 894-910.	1.1	13
596	Effect of Various Types of ENSO Events on Moisture Conditions in the Humid and Subhumid Tropics. Atmosphere, 2020, 11, 1354.	1.0	13
597	New perspectives on â€~warming–wetting' trend in Xinjiang, China. Advances in Climate Change Research, 2020, 11, 252-260.	2.1	83
598	Copula Based Spatial Analysis of Drought Return Period in Southwest of Iran. Periodica Polytechnica: Civil Engineering, 0, , .	0.6	16
599	Increase in Population Exposure Due to Dry and Wet Extremes in India Under a Warming Climate. Earth's Future, 2020, 8, e2020EF001731.	2.4	22
600	100 years of data is not enough to establish reliable drought thresholds. Journal of Hydrology X, 2020, 7, 100052.	0.8	11
601	Effects of Gamma-Distribution Variations on SPI-Based Stationary and Nonstationary Drought Analyses. Water Resources Management, 2020, 34, 2081-2095.	1.9	26
602	Characterisation of Recent and Future Climatic Trends in the Region of Guelmim (Morocco). E3S Web of Conferences, 2020, 150, 03021.	0.2	О
603	Uncertainty Analysis of Standardized Precipitation Index Due to the Effects of Probability Distributions and Parameter Errors. Frontiers in Earth Science, 2020, 8, .	0.8	21
604	Drought and Ecological Flows in the Lower Guadiana River Basin (Southwest Iberian Peninsula). Water (Switzerland), 2020, 12, 677.	1.2	7

#	Article	IF	CITATIONS
605	Spatial and temporal drought incidence analysis in the northeastern highlands of Ethiopia. Geoenvironmental Disasters, 2020, 7, .	1.8	51
606	Comparative assessment of environmental variables and machine learning algorithms for maize yield prediction in the US Midwest. Environmental Research Letters, 2020, 15, 064005.	2.2	96
607	Drought in the Twenty-First Century in a Water-Rich Region: Modeling Study of the Wabash River Watershed, USA. Water (Switzerland), 2020, 12, 181.	1.2	6
608	Spatiotemporal Relationships of Phytoplankton Blooms, Drought, and Rainstorms in Freshwater Reservoirs. Water (Switzerland), 2020, 12, 404.	1.2	4
609	Development of a new integrated hydrological drought index (SRGI) and its application in the Heihe River Basin, China. Theoretical and Applied Climatology, 2020, 141, 43-59.	1.3	24
611	Exploring the Evolution of Drought Characteristics in Balochistan, Pakistan. Applied Sciences (Switzerland), 2020, 10, 913.	1.3	29
612	Droughts projection over the Niger and Volta River basins of West Africa at specific global warming levels. International Journal of Climatology, 2020, 40, 5688-5699.	1.5	10
613	Monitoring agricultural drought using geospatial techniques: a case study of Thal region of Punjab, Pakistan. Journal of Water and Climate Change, 2020, 11, 203-216.	1.2	9
614	Modeling Short Term Rainfall Forecast Using Neural Networks, and Gaussian Process Classification Based on the SPI Drought Index. Water Resources Management, 2020, 34, 1369-1405.	1.9	13
615	Can Terrestrial Water Storage Dynamics be Estimated From Climate Anomalies?. Earth and Space Science, 2020, 7, e2019EA000959.	1.1	18
616	Determining Extremes for Future Precipitation in South Korea Based on RCP Scenarios Using Non-Parametric SPI. Sustainability, 2020, 12, 963.	1.6	2
617	The Pacific decadal oscillation modulates the relation of ENSO with the rainfall variability in coast of Ecuador. International Journal of Climatology, 2020, 40, 5801-5812.	1.5	11
618	Refining Predictor Spectral Representation Using Wavelet Theory for Improved Natural System Modeling. Water Resources Research, 2020, 56, e2019WR026962.	1.7	15
619	Spatio-temporal evaluation of various global circulation models in terms of projection of different meteorological drought indices. Environmental Earth Sciences, 2020, 79, 1.	1.3	6
620	The forgotten drought of 1765–1768: Reconstructing and reâ€evaluating historical droughts in the British and Irish Isles. International Journal of Climatology, 2020, 40, 5329-5351.	1.5	19
621	Do Satellite Surface Soil Moisture Observations Better Retain Information About Cropâ€Yield Variability in Drought Conditions?. Water Resources Research, 2020, 56, e2019WR025855.	1.7	21
622	Evaluating the utility of various drought indices to monitor meteorological drought in Tropical Dry Forests. International Journal of Biometeorology, 2020, 64, 701-711.	1.3	14
623	Integrating El Ni $ ilde{A}$ ±o-Southern Oscillation information and spatial diversification to minimize risk and maximize profit for Australian grazing enterprises. Agronomy for Sustainable Development, 2020, 40, 1.	2.2	7

#	Article	IF	Citations
624	Spatio-temporal analysis of drought and return periods over the East African region using Standardized Precipitation Index from 1920 to 2016. Agricultural Water Management, 2020, 237, 106195.	2.4	73
625	Meteorological interaction between drought/oceanic indicators and rainfed maize yield in an arid agricultural zone in northwest Mexico. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	3
626	Knowledge extraction from trained ANN drought classification model. Journal of Hydrology, 2020, 585, 124804.	2.3	24
627	Evidence of groundwater vulnerability to climate variability and economic growth in coastal Kenya. Journal of Hydrology, 2020, 586, 124920.	2.3	3
628	Temporal Description of Annual Temperature and Rainfall in the Bawku Area of Ghana. Advances in Meteorology, 2020, 2020, 1-18.	0.6	19
629	Agricultural drought early warning from geostationary meteorological satellites: concept and demonstration over semi-arid tract in India. Environmental Monitoring and Assessment, 2020, 192, 311.	1.3	11
630	On the essentials of drought in a changing climate. Science, 2020, 368, 256-260.	6.0	258
631	Evaluating Performance and Applicability of Several Drought Indices in Arid Regions. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 645-661.	1.3	29
632	The agricultural impacts of armed conflicts: the case of Fulani militia. European Review of Agricultural Economics, 2021, 48, 538-572.	1.5	27
633	A case study: bivariate drought identification on the Andong dam, South Korea. Stochastic Environmental Research and Risk Assessment, 2021, 35, 549-560.	1.9	5
634	A tributary-comparison method to quantify the human influence on hydrological drought. Journal of Hydrology, 2021, 595, 125652.	2.3	10
635	Characterization of drought using four drought indices under climate change in the Sahel region of Nigeria: 1981–2015. Theoretical and Applied Climatology, 2021, 143, 843-860.	1.3	5
636	Effects of climate on historical fire regimes (1451–2013) in Pinus hartwegii forests of Cofre de Perote National Park, Veracruz, Mexico. Dendrochronologia, 2021, 65, 125784.	1.0	9
637	Monthly extreme rainfall risk envelope graph method development and application in Algeria. Journal of Water and Climate Change, 2021, 12, 1838-1853.	1.2	2
638	Trend analysis of long-term rainfall data in the Upper Karoo of South Africa. Transactions of the Royal Society of South Africa, 2021, 76, 1-12.	0.8	6
639	Long-term trends in karst spring discharge and relation to climate factors and changes. Hydrogeology Journal, 2021, 29, 347-377.	0.9	17
640	A new drought monitoring approach: Vector Projection Analysis (VPA). Remote Sensing of Environment, 2021, 252, 112145.	4.6	23
641	Monitoring of agricultural drought in semi-arid ecosystem of Peninsular India through indices derived from time-series CHIRPS and MODIS datasets. Ecological Indicators, 2021, 121, 107033.	2.6	49

#	Article	IF	CITATIONS
642	Using a regional climate model to develop index-based drought insurance for sovereign disaster risk transfer. Agricultural Finance Review, 2021, 81, 151-168.	0.7	10
643	This Land Is My Land! Large-Scale Land Acquisitions and Conflict Events in Sub-Saharan Africa. Defence and Peace Economics, 2021, 32, 427-450.	1.0	3
644	Multivariate Standardized Drought Indices to Identify Drought Events: Application in the Maipo River Basin., 2021,, 141-160.		0
645	Comparative evaluation of drought indices for monitoring drought based on remote sensing data. Environmental Science and Pollution Research, 2021, 28, 20408-20425.	2.7	50
646	A Comparative Study on Regional Drought Characterization Using Estimated Drought Indices in Conjunction with Trend Analysis in Peninsular India. Advances in Science, Technology and Innovation, 2021, , 91-110.	0.2	1
647	Muğla İlinde 1960-2018 Dönemi Kuraklık Analizi. Doğal Afetler Ve Çevre Dergisi, 0, , 89-100.	0.2	4
648	Indices for Meteorological and Hydrological Drought. Springer Transactions in Civil and Environmental Engineering, 2021, , 215-235.	0.3	3
649	Identification of drought intensity and development of drought resilience in the Rayalaseema region of Andhra Pradesh, India., 2021,, 357-377.		0
650	On the Bayesian network based data mining framework for the choice of appropriate time scale for regional analysis of drought Hazard. Theoretical and Applied Climatology, 2021, 143, 1677-1695.	1.3	5
651	Analysis of wet and dry season by using the Palmer Drought Severity Index (PDSI) over Java Island. AIP Conference Proceedings, 2021, , .	0.3	3
652	Skill Assessment of Copernicus Climate Change Service Seasonal Ensemble Precipitation Forecasts over Iran. Advances in Atmospheric Sciences, 2021, 38, 504-521.	1.9	5
653	Performance evaluation of different probability distribution functions for computing Standardized Precipitation Index over diverse climates of Iran. International Journal of Climatology, 2021, 41, 3352-3373.	1.5	12
654	Differential Imprints of Distinct ENSO Flavors in Global Patterns of Very Low and High Seasonal Precipitation. Frontiers in Climate, 2021, 3, .	1.3	10
655	Representation of Climate in Reanalyses: An Intercomparison for Europe and North America. Journal of Climate, 2021, 34, 1667-1684.	1.2	21
656	Assessing the Spatiotemporal Uncertainties in Future Meteorological Droughts from CMIP5 Models, Emission Scenarios, and Bias Corrections. Journal of Climate, 2021, 34, 1903-1922.	1.2	19
658	Quantitative Classification of Desertification Severity for Degraded Aquifer Based on Remotely Sensed Drought Assessment. Hydrology, 2021, 8, 47.	1.3	24
659	Effects of $0.5 \hat{A} \hat{A}^{\circ} \text{C}$ less global warming on climate extremes in the contiguous United States. Climate Dynamics, 2021, 57, 303-319.	1.7	6
660	Uncertainty in SPI Calculation and its Impact on Drought Assessment in Different Climate Regions over China. Journal of Hydrometeorology, 2021, , .	0.7	7

#	Article	IF	CITATIONS
661	Satellite-Based Meteorological and Agricultural Drought Monitoring for Agricultural Sustainability in Sri Lanka. Sustainability, 2021, 13, 3427.	1.6	34
662	A detailed assessment of meteorological drought characteristics using simplified rainfall index over Narmada River Basin, India. Environmental Earth Sciences, 2021, 80, 1.	1.3	59
663	Development and evaluation of pre and post integration techniques for enhancing drought predictions over India. International Journal of Climatology, 2021, 41, 4804-4824.	1.5	4
664	Historical precipitation patterns in the South-Southeast region of Mexico and future projections. Earth Sciences Research Journal, 2021, 25, 69-84.	0.4	6
665	Drought trend analysis in a semi-arid area of Iraq based on Normalized Difference Vegetation Index, Normalized Difference Water Index and Standardized Precipitation Index. Journal of Arid Land, 2021, 13, 413-430.	0.9	12
670	Reconstructing Extreme Precipitation in the Sacramento River Watershed Using Treeâ€Ring Based Proxies of Coldâ€Season Precipitation. Water Resources Research, 2021, 57, e2020WR028824.	1.7	9
671	On the Impact of Insufficient Atmospheric Moistening on the Low Annual Discharge of Large Rivers in European Russia. Water Resources, 2021, 48, 351-360.	0.3	3
672	Feature Extraction for Extreme Precipitation Events using Deep-Networks., 2021,,.		0
673	Standartlaştırılmış yağış indeksi hesabında kullanılan dağılım fonksiyonu etkisinin ve kura karakteristiklerinin araştırılması. Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 0, , .	klä±k	2
674	Spatiotemporal Peatland Productivity and Climate Relationships Across the Western South American Altiplano. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005994.	1.3	9
675	Análise da Variabilidade Espaço-Temporal do SPI: Um Estudo de Caso para a Sub-Bacia Choró, Ceará, Brasil. Revista Brasileira De Meteorologia, 2021, 36, 539-549.	0.2	1
676	Critical drought intensity-duration-frequency curves based on total probability theorem-coupled frequency analysis. Hydrological Sciences Journal, 2021, 66, 1337-1358.	1.2	35
677	Drought indices: aggregation is necessary or is it only the researcher's choice?. Water Science and Technology: Water Supply, 2021, 21, 3987-4002.	1.0	20
678	A Retrospective and Prospective Examination of the 1960s U.S. Northeast Drought. Earth's Future, 2021, 9, e2020EF001930.	2.4	5
679	A Comprehensive Intermediate-Term Drought Evaluation System and Evaluation of Climate Data Products over the Conterminous United States. Journal of Hydrometeorology, 2021, , .	0.7	2
680	Past and future drought trends, duration, and frequency in the semiâ€arid Urmia Lake Basin under a changing climate. Meteorological Applications, 2021, 28, e2009.	0.9	16
681	Assessing the use of standardized groundwater index for quantifying groundwater drought over the conterminous US. Journal of Hydrology, 2021, 598, 126227.	2.3	17
683	Hydrogeological and geochemical characterization of groundwater in the F'Kirina plain (eastern) Tj ETQq1 1 0.784	314 rgBT	/9verlock 1

#	Article	IF	CITATIONS
684	Detecting Drought Variability by using Two-Dimensional Correlation Analysis. Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, 0, , .	0.5	3
685	Assessment of parametric approaches to calculate the Evaporative Demand Drought Index. International Journal of Climatology, 2022, 42, 834-849.	1.5	6
686	The current and projected drought-caused loss of the spring wheat yield in the south of European Russia. IOP Conference Series: Earth and Environmental Science, 2021, 817, 012020.	0.2	0
687	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975–2019. Atmosphere, 2021, 12, 941.	1.0	27
688	Strengthening Drought Monitoring Module by Ensembling Auxiliary Information Based Varying Estimators. Water Resources Management, 2021, 35, 3235-3252.	1.9	5
689	The Analysis of Long-Term Trends in the Meteorological and Hydrological Drought Occurrences Using Non-Parametric Methodsâ€"Case Study of the Catchment of the Upper Noteć River (Central) Tj ETQq1 1 C	). <b>7.8</b> 4314 ı	rgBT /Overl
690	Characterization and Quantification of Meteorological Drought in the Oued El-Abid Watershed, Central High Atlas, Morocco (1980-2019). Hydrospatial Analysis, 2021, 5, 45-55.	0.5	4
691	Monitoring drought dynamics in China using Optimized Meteorological Drought Index (OMDI) based on remote sensing data sets. Journal of Environmental Management, 2021, 292, 112733.	3.8	31
692	Contribution of soil moisture variations to high temperatures over different climatic regimes. Soil and Tillage Research, 2021, 213, 105115.	2.6	12
693	Kopula Yöntemi ile Osmaniye Bölgesinin İki Değişkenli Kuraklık Frekans Analizi. Academic Platform Journa of Engineering and Science, 2021, 9, 388-396.	l 0.5	3
694	River Runoff Modelling and Hydrological Drought Assessment Based on High-Resolution Brightness Temperatures in Mainland China. Water (Switzerland), 2021, 13, 2429.	1.2	1
695	Drought Variability and Characteristics in the Muda River Basin of Malaysia from 1985 to 2019. Atmosphere, 2021, 12, 1210.	1.0	14
696	Application of meteorological drought for assessing watershed health using fuzzy-based reliability, resilience, and vulnerability. International Journal of Disaster Risk Reduction, 2021, 66, 102616.	1.8	9
697	Spatio-temporal dynamics of climate change, land degradation, and water insecurity in an arid rangeland: The RÃo San Miguel watershed, Sonora, Mexico. Journal of Arid Environments, 2021, 193, 104539.	1.2	9
698	On the suitability of using vegetation indices to monitor the response of Africa's terrestrial ecoregions to drought. Science of the Total Environment, 2021, 792, 148282.	3.9	23
699	Revisiting the Rainfall Anomaly Index to serve as a Simplified Standardized Precipitation Index. Journal of Hydrology, 2021, 602, 126761.	2.3	20
700	Standardized relative humidity index can be used to identify agricultural drought for summer maize in the Huang-Huai-Hai Plain, China. Ecological Indicators, 2021, 131, 108222.	2.6	11
701	Fusion-based framework for meteorological drought modeling using remotely sensed datasets under climate change scenarios: Resilience, vulnerability, and frequency analysis. Journal of Environmental Management, 2021, 297, 113283.	3.8	13

#	Article	IF	CITATIONS
702	The residual mass severity index $\hat{a}\in$ A new method to characterize sustained hydroclimatic extremes. Journal of Hydrology, 2021, 602, 126724.	2.3	3
703	A five-parameter Gamma-Gaussian model to calibrate monthly and seasonal GCM precipitation forecasts. Journal of Hydrology, 2021, 603, 126893.	2.3	11
704	Hydroclimatic variability and riparian wetland restoration control the hydrology and nutrient fluxes in a lowland agricultural catchment. Journal of Hydrology, 2021, 603, 126904.	2.3	11
705	Drought assessment using the standardized precipitation index (SPI) in GIS environment in Greece., 2022, , 619-633.		7
706	A Contemporary Review on Drought Modeling Using Machine Learning Approaches. CMES - Computer Modeling in Engineering and Sciences, 2021, 128, 447-487.	0.8	21
707	Regional Drought Monitoring for Managing Water Security in South Asia., 2021,, 465-481.		0
708	Northern Australia Climate Program: supporting adaptation in rangeland grazing systems through more targeted climate forecasts, improved drought information and an innovative extension program. Rangeland Journal, 2021, 43, 87-100.	0.4	6
709	Stages of soil development in the coastal zone of a disappearing lakeâ€"a case study from central Poland. Journal of Soils and Sediments, 2021, 21, 1420-1436.	1.5	7
710	Characteristics of Soil Moisture Droughts in Ganga River Basin During 1948–2015. Society of Earth Scientists Series, 2021, , 291-308.	0.2	1
711	Sensitivity of surface albedo derived from METEOSAT data to drought episodes in a semi-arid region (M'Sila, north center of Algeria). Arabian Journal of Geosciences, 2021, 14, 1.	0.6	1
712	Prediction of Impending Drought Scenarios Based on Surface and Subsurface Parameters in a Selected Region of Tropical Queensland, Australia. Journal of Water Resource and Protection, 2021, 13, 605-631.	0.3	0
713	Actual Precipitation Index (API) for Drought Classification. Earth Systems and Environment, 2021, 5, 59-70.	3.0	18
714	Drought Monitoring and Forecasting at Large Scale. , 2007, , 3-27.		41
715	Stochastic Forecasting of Drought Indices. , 2007, , 83-100.		7
716	Fire Regimes in Dryland Landscapes. , 2019, , 367-399.		4
717	Local Analysis of the Characteristics and Frequency of Extreme Droughts in M $ ilde{A}_i$ laga Using the SPI (Standardized Precipitation Index). Lecture Notes in Management and Industrial Engineering, 2015, , 167-179.	0.3	3
718	A Methodology for the Vulnerability Analysis of the Climate Change in the Oromia Region, Ethiopia. Green Energy and Technology, 2017, , 73-102.	0.4	1
720	Drought as a Catalyst for Change: A Case Study of the Steenkoppies Dolomitic Aquifer. , 2013, , 251-268.		1

#	ARTICLE	IF	CITATIONS
721	Drought forecasting using data-driven methods and an evolutionary algorithm. Modeling Earth Systems and Environment, 2017, 3, 1675-1689.	1.9	32
722	Analysis of agricultural and hydrological drought periods by using non-homogeneous Poisson models: Linear intensity function. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 198, 105190.	0.6	7
724	GHWR, a multi-method global heatwave and warm-spell record and toolbox. Scientific Data, 2018, 5, 180206.	2.4	46
725	A New Framework for Modeling Future Hydrologic Extremes: Nested Bias Correction as a Precursor to Stochastic Rainfall Downscaling. , 2013, , 357-386.		1
726	Meteorological droughts are projected to worsen in Central America's dry corridor throughout the 21st century. Environmental Research Letters, 2021, 16, 014001.	2.2	23
727	Utilizing Objective Drought Severity Thresholds to Improve Drought Monitoring. Journal of Applied Meteorology and Climatology, 2020, 59, 455-475.	0.6	11
728	Major Over- and Underestimation of Drought Found in NOAA's Climate Divisional SPI Dataset. Journal of Applied Meteorology and Climatology, 2020, 59, 1469-1480.	0.6	5
729	Dynamics, Variability, and Change in Seasonal Precipitation Reconstructions for North America. Journal of Climate, 2020, 33, 3173-3195.	1.2	58
730	Handbook of Drought Indicators and Indices*. Drought and Water Crises, 2017, , 155-208.	0.1	40
731	Managing Forest Water Quantity and Quality under Climate Change. , 2013, , 249-306.		12
732	Applicability of Standardized Precipitation Index with Alternative Distribution Functions. Journal of Water Resources Research, 2013, 02, 33-41.	0.1	5
733	Assessing the association of drought indicators to impacts: the results for areas burned by wildfires in Portugal., 0,, 1054-1060.		4
734	Drought analysis of the Seyhan Basin by using standardized precipitation ındex (spı) and l-moments. Tarim Bilimleri Dergisi, 2016, 22, 196-215.	0.4	13
735	Impact of meteorological drought on crop water deficit and crop yield reduction in Polish agriculture. Journal of Water and Land Development, 2017, 34, 181-190.	0.9	23
736	Influence of water volume reduction on the phytoplankton dynamics in a semi-arid man-made lake: A comparison of two morphofunctional approaches. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181102.	0.3	15
737	Avaliação e adaptação do Ãndice de Severidade de Seca de Palmer (PDSI) e do Ãndice Padronizado de Precipitação (SPI) Ãs condições climáticas do Estado de São Paulo. Bragantia, 2005, 64, 695-705.	1.3	9
738	Revisiting the probabilistic definition of drought: strengths, limitations and an agrometeorological adaptation. Bragantia, 2012, 71, 132-141.	1.3	32
739	Monthly values of the standardized precipitation index in the State of SÃŁo Paulo, Brazil: trends and spectral features under the normality assumption. Bragantia, 2012, 71, 122-131.	1.3	29

#	Article	IF	CITATIONS
740	Dry months in the agricultural region of Ribeirão Preto, state of São Paulo-Brazil: an study based on the extreme value theory. Engenharia Agricola, 2014, 34, 992-1000.	0.2	3
741	118 anos de dados mensais do Ãndice Padronizado de Precipitação: série meteorológica de Campinas, estado de São Paulo. Revista Brasileira De Meteorologia, 2011, 26, 137-148.	0.2	17
742	A Long-term Study of Home Range of Coachella Fringe-Toed Lizards, Uma inornata. Journal of Herpetology, 2020, 54, 174.	0.2	3
743	Spatial and temporal variations in the accuracy of meteorological drought indices. Cuadernos De Investigacion Geografica, 2016, 42, 167-183.	0.6	8
744	Spatio-temporal patterns of meteorological droughts in the Balearic Islands (Spain). Cuadernos De Investigacion Geografica, 2016, 42, 49-66.	0.6	10
745	Dry and Wet Periods in Eastern China Watersheds:Patterns and Predictability. Hupo Kexue/Journal of Lake Sciences, 2003, 15, 56-67.	0.3	4
746	Meteorological Drought and Flood Assessment Using the Comparative SPI Approach in Asia Under Climate Change. Journal of Disaster Research, 2016, 11, 1082-1090.	0.4	11
747	Spatio-temporal analysis of maximum drought severity using Copulas in Northern Algeria. Journal of Water and Climate Change, 2020, 11, 68-84.	1.2	23
748	Precipitation thresholds for drought recognition: a further use of the standardized precipitation index, SPI. WIT Transactions on Ecology and the Environment, $2013, \ldots$	0.0	7
749	Regionalization of droughts in Portugal. WIT Transactions on Ecology and the Environment, 2011, , .	0.0	9
750	Drought analysis in Slovakia: regionalization, frequency analysis and precipitation thresholds. WIT Transactions on Ecology and the Environment, 2015, , .	0.0	9
751	Spatial analysis and study of Tele-connection patterns of drought in central Iran. Arid Biome, 2017, 7, 51-65.	0.1	1
752	Nature and causes of the 2002 to 2004 drought in the southwestern United States compared with the historic 1953 to 1957 drought. Climate Research, 2008, 36, 41-52.	0.4	32
753	Effects of warming processes on droughts and water resources in the NW Iberian ÂPeninsula (1930â^²2006). Climate Research, 2011, 48, 203-212.	0.4	72
754	Projecting climate change, drought conditions and crop productivity in Turkey. Climate Research, 2012, 52, 175-191.	0.4	65
755	Extreme rainfall, hydric conditions and associated atmospheric circulation in the southern La Plata Basin. Climate Research, 2016, 68, 215-229.	0.4	4
756	drought patterns in the Mediterranean area: the Valencia region (eastern Spain). Climate Research, 2004, 26, 5-15.	0.4	139
757	Emerging coral diseases in KÄne†ohe Bay, O†ahu, Hawai†(USA): two major disease outbreaks of acute Montipora white syndrome. Diseases of Aquatic Organisms, 2016, 119, 189-198.	0.5	29

#	Article	IF	CITATIONS
758	Long-Term Drought Trends in Ethiopia with Implications for Dryland Agriculture. Water (Switzerland), 2019, 11, 2571.	1.2	29
759	A Comparative Study on the Drought Indices for Drought Evaluation. Journal of Korea Water Resources Association, 2002, 35, 397-410.	0.3	22
760	Analysis of Drought Return and Duration Characteristics at Seoul. Journal of Korea Water Resources Association, 2003, 36, 561-573.	0.3	7
761	Effective Use of Water Resource Through Conjunctive Use - (1) The Methodology. Journal of Korea Water Resources Association, 2004, 37, 789-798.	0.3	4
762	Analysis of Drought Spatial Distribution Using Poisson Process. Journal of Korea Water Resources Association, 2004, 37, 813-822.	0.3	3
763	Evaluation of Agricultural Drought Prevention Ability Based on EOF Analysis and Multi-variate Time Series Model. Journal of Korea Water Resources Association, 2006, 39, 617-626.	0.3	7
764	Evaluation of Droughts in Seoul Using Two-Dimensional Drought Frequency Analysis. Journal of Korea Water Resources Association, 2007, 40, 335-343.	0.3	4
765	Return Period Estimation of Droughts Using Drought Variables from Standardized Precipitation Index. Journal of Korea Water Resources Association, 2013, 46, 795-805.	0.3	12
766	Drought Analysis Using the Standardized Precipitation Index (SPI). Acta Geographica Slovenica, 2017, 57, .	0.3	15
767	Climate Characteristics over Southern Highlands Tanzania. Atmospheric and Climate Sciences, 2012, 02, 454-463.	0.1	6
768	Characterizing, Monitoring and Forecasting of Drought in Jordan River Basin. Journal of Water Resource and Protection, 2013, 05, 1192-1202.	0.3	24
769	Vegetation regrowth trends in post forest fire ecosystems across North America from 2000 to 2010. Natural Science, 2012, 04, 755-770.	0.2	12
770	Mann-Kendall, and Sen's Slope Estimators for Precipitation Trend Analysis in North-Eastern States of India. International Journal of Computer Applications, 2019, 177, 7-16.	0.2	10
771	Precipitation response to El Niño/La Niña events in Southern South America – emphasis in regional drought occurrences. Advances in Geosciences, 0, 42, 1-14.	12.0	66
772	Spatial patterns of European droughts under a moderate emission scenario. Advances in Science and Research, 2015, 12, 179-186.	1.0	38
773	A universal Standardized Precipitation Index candidate distribution function for observations and simulations. Hydrology and Earth System Sciences, 2020, 24, 4541-4565.	1.9	23
774	The 2018 northern European hydrological drought and its drivers in a historical perspective. Hydrology and Earth System Sciences, 2020, 24, 5621-5653.	1.9	62
783	ASSESSMENT AND MONITORING OF AGRICULTURAL DROUGHTS IN MAHARASHTRA USING METEOROLOGICAL AND REMOTE SENSING BASED INDICES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-5, 253-264.	0.0	10

#	Article	IF	CITATIONS
784	Integrating effective drought index (EDI) and remote sensing derived parameters for agricultural drought assessment and prediction in Bundelkhand region of India. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-8, 89-100.	0.2	5
786	Comparison of Drought Assessment Results According to Three Drought Indices. Korean Society of Hazard Mitigation, 2019, 19, 95-104.	0.1	2
787	Recent Trends of Drought Using Remotely Sensed and In-Situ Indices: Towards an Integrated Drought Monitoring System for South Africa. , 2021, , .		3
788	Passive Microwave Remote Sensing Soil Moisture Data in Agricultural Drought Monitoring: Application in Northeastern China. Water (Switzerland), 2021, 13, 2777.	1.2	4
789	The effects of nonâ€stationarity on <scp>SPI</scp> for operational drought monitoring in Europe. International Journal of Climatology, 2022, 42, 3418-3430.	1.5	20
790	Revealing the spatio-temporal characteristics of drought in Mozambique and their relationship with large-scale climate variability. Journal of Hydrology: Regional Studies, 2021, 38, 100938.	1.0	6
791	A Modified Standardized Precipitation Index (MSPI) and Its Application. Journal of Korea Water Resources Association, 2004, 37, 553-567.	0.3	3
793	Development of a Comprehensive Flood Index through Standardizing Distributions of Runoff Characteristics. Journal of Korea Water Resources Association, 2008, 41, 605-617.	0.3	3
794	Developing Scales and Tools for Weather and Climate Related Risk Quantifications in Forestry. , 2010, , 629-635.		0
795	DC (Drought Classifier): Forecasting and Classification of Drought Using Association Rules. Advances in Intelligent Systems and Computing, 2015, , 123-130.	0.5	1
797	Análisis de la sequÃa en la subcuenca del rÃo Bonito mediante el Ãndice de precipitación estandarizado. Revista Ciencia Y TecnologÃa, 0, , 25-41.	0.0	0
801	AN OVERVIEW OF DROUGHT ANALYSIS: ASSESSING DROUGHT SEVERITY BASED ON FLUCTUATION IN RAINFALL TREND BY STANDARD PRECIPITATION INDEX FOR SHIVAMOGGA DISTRICT. International Journal of Research -GRANTHAALAYAH, 2017, 5, 17-26.	0.1	0
802	ANALYSES OF STANDARD PRECIPTATION INDEX FOR DROUGHTINTENSITY DROUGTH - SEVERITY ASSESMENT OF DHARWAD DISTRICT, KARNATAKA. International Journal of Research -GRANTHAALAYAH, 2017, 5, 27-40.	0.1	0
803	Use of Satellite Information on Wetness and Temperature for Crop Yield Prediction and River Resource Planning. Natural Resource Management and Policy, 2018, , 77-104.	0.1	1
804	Comprehensive Assessment and Zonation of Drought Risk and Vulnerability in Kerman Province. Health in Emergencies & Disasters Quarterly, 2018, 3, 113-120.	0.1	4
805	Uzun ve Kısa Süreli Periyotlarda Kuraklık Analizi: Bursa Örneği. Doğal Afetler Ve Çevre Dergisi, 0, , 166-	-1 <b>ō</b> 42	4
806	Mapping Conflict in Myanmar: A Geographic Information System (GIS) Approach to the Analysis of Riots and Battles. Atae Yeon-gu, 2018, 25, 287-314.	0.1	0
807	Drought assessment in Vojvodina (Serbia) using k-means cluster analysis. Journal of the Geographical Institute Jovan Cvijic SASA, 2019, 69, 17-27.	0.3	4

#	Article	IF	CITATIONS
808	A generalized bivariate copula for flood analysis in Peninsular Malaysia. Malaysian Journal of Fundamental and Applied Sciences, 2019, 15, 38-49.	0.4	0
809	Kuraklık Riskinin Bulanık Mantık Yardımıyla Türkiye Genelinde Değerlendirilmesi. DÜMF Mühend Dergisi, 2019, 10, 359-372.	islik 0.2	1
810	River Systems Under the Anthropogenic and Climate Change Impacts: Bulgarian Case. Springer Water, 2020, , 327-355.	0.2	1
811	Phenological behavior of Atlas cedar (Cedrus atlantica) forest to snow and precipitation variability in Boutaleb and Babors Mountains, Algeria. Biodiversitas, 2019, 21, .	0.2	O
812	Drought Monitoring Using MODIS Data and Its Comparison with SPI Meteorological Index in Short Periods (Case Study: Jaz_Murian basin). Journal of Watershed Management Research, 2019, 10, 250-261.	0.0	1
813	Evaluating the Utility of Drought Indices as Soil Moisture Proxies for Drought Monitoring and Land–Atmosphere Interactions. Journal of Hydrometeorology, 2020, 21, 2157-2175.	0.7	7
814	ASSESSING THE IMPACT OF CLIMATE VARIABILITY AND CHANGE ON WATER RESOURCES IN BAMENDA METROPOLIS, NORTH WEST REGION OF CAMEROON. International Journal of Research -GRANTHAALAYAH, 2021, 9, 1-17.	0.1	2
815	Meteorological Drought Analysis Using Standardized Precipitation Index. Current World Environment Journal, 2020, 15, 477-486.	0.2	3
816	Nationwide temporal variability of droughts in the Kingdom of Eswatini: 1981–2018. Heliyon, 2020, 6, e05707.	1.4	6
817	Comportamiento de la vegetación a partir del Ãndice verde y datos climáticos en dos sitios de la Patagonia Austral. Informes CientÃficos Y Técnicos (Universidad Nacional De La Patagonia Austral), 2020, 12, 17-31.	0.1	О
818	Management tactics to reduce bark beetle impacts in North America and Europe under altered forest and climatic conditions., 2022,, 345-394.		11
820	Spatio-Temporal Variability of Seasonal Drought Over the Dobrogea Region., 2020,, 590-617.		O
821	Comparison of contrasts in rainfall and drought characteristics in the Chambal basin in Madhya Pradesh and Rajasthan. Journal of Water and Climate Change, 0, , .	1.2	1
822	Is bog water chemistry affected by increasing N and S deposition from oil sands development in Northern Alberta, Canada?. Environmental Monitoring and Assessment, 2021, 193, 766.	1.3	4
823	Reliable predictions of forest ecosystem functioning require flawless climate forcings. Agricultural and Forest Meteorology, 2021, 311, 108703.	1.9	4
824	Spatio-Temporal Variability of Seasonal Drought over the Dobrogea Region., 0,, 17-51.		O
825	Standart Yağış İndeksi Yöntemi ile Güneydoğu Anadolu Bölgesinde Kuraklık Analizi. Toprak Su Derg 130-136.	İsİ, 0, 2.0	' 5
826	Standart Yağış Indeksi(SPI) Metodu Kullanılarak Kuraklık Analizi ve Bursa Doğancı Barajı ile İlişkilendirilmesi. Academic Perspective Procedia, 2020, 3, 876-885.	0.0	3

#	Article	IF	CITATIONS
827	Future changes of drought characteristics in Coupled Model Intercomparison Project phase 6 Shared Socioeconomic Pathway scenarios over Central Asia. International Journal of Climatology, 2022, 42, 3888-3908.	1.5	11
828	Herbaria Reveal Herbivory and Pathogen Increases and Shifts in Senescence for Northeastern United States Maples Over 150 Years. Frontiers in Forests and Global Change, 2021, 4, .	1.0	2
829	Meteorological Drought Analysis and Return Periods over North and West Africa and Linkage with El Niño–Southern Oscillation (ENSO). Remote Sensing, 2021, 13, 4730.	1.8	11
830	Suggestions for Revegetation over the Next 30 Years Based on Precipitation in the Three North Region of China. Sustainability, 2021, 13, 12649.	1.6	0
831	Investigation of Spatial and Temporal Variability of Hydrological Drought in Slovenia Using the Standardised Streamflow Index (SSI). Water (Switzerland), 2021, 13, 3197.	1.2	11
832	Estimation of a trend of meteorological and hydrological drought over Qinhuai River Basin. Theoretical and Applied Climatology, 2022, 147, 1065-1078.	1.3	12
833	Sensitivity analysis of standardized precipitation index to climate state selection in China. Advances in Climate Change Research, 2022, 13, 42-50.	2.1	8
834	The origins of cognitive skills and non-cognitive skills: The long-term effect of in-utero rainfall shocks in India. Economics and Human Biology, 2022, 44, 101089.	0.7	6
835	Drought Cycle Analysis to Evaluate the Influence of a Dense Network of Small Reservoirs on Drought Evolution. Water Resources Research, 2022, 58, .	1.7	14
836	A composite drought index developed for detecting large-scale drought characteristics. Journal of Hydrology, 2022, 605, 127308.	2.3	21
838	Appraisal of seasonal drought characteristics in Turkey during 1925–2016 with the standardized precipitation index and copula approach. Natural Hazards, 2022, 112, 697-723.	1.6	12
839	Adjustment of the Standardized Precipitation Index (SPI) for the Evaluation of Drought in the Arroyo PechelÃn Basin, Colombia, under Zero Monthly Precipitation Conditions. Atmosphere, 2022, 13, 236.	1.0	10
840	Explaining transhumance-related violence: Fulani Ethnic Militia in rural Nigeria. Journal of Rural Studies, 2022, 89, 275-286.	2.1	9
841	Impact of temperature on agricultural drought occurrence under the effects of climate change. Theoretical and Applied Climatology, 2022, 148, 191-209.	1.3	28
842	A global-scale relationship between crop yield anomaly and multiscalar drought index based on multiple precipitation data. Environmental Research Letters, 2022, 17, 014037.	2.2	15
843	Inclusion of groundwater and socio-economic factors for assessing comprehensive drought vulnerability over Narmada River Basin, India: A geospatial approach. Applied Water Science, 2022, 12, 1.	2.8	38
844	Comprehensive assessment of RegCM4 towards interannual variability of Indian Summer Monsoon using multi-year simulations. Theoretical and Applied Climatology, 2022, 148, 491.	1.3	3
845	Subâ€Seasonal Prediction of Drought and Streamflow Anomalies for Water Management in India. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	5

#	Article	IF	CITATIONS
846	Global spatiotemporal consistency between meteorological and soil moisture drought indices. Agricultural and Forest Meteorology, 2022, 316, 108848.	1.9	40
848	Rainfall and droughts. , 2022, , 451-474.		1
851	Growth response of Pinus contorta to the synergy of stress factors: successive extreme drought events and a population outbreak of Sirex noctilio in NW Patagonia. New Forests, 2023, 54, 107-123.	0.7	3
852	Combined use of Sentinel-2 and Landsat-8 to monitor water surface area and evaluated drought risk severity using Google Earth Engine. Earth Science Informatics, 2022, 15, 929-940.	1.6	10
853	Inter-comparison on the Suitability of Rain-Based Meteorological Drought in Johor River Basin, Malaysia. KSCE Journal of Civil Engineering, 2022, 26, 2519-2537.	0.9	5
854	Recent Hydrological Droughts in Brazil and Their Impact on Hydropower Generation. Water (Switzerland), 2022, 14, 601.	1.2	29
855	Spatiotemporal variability of drought/flood and its teleconnection with large-scale climate indices based on standard precipitation index: a case study of Taihu Basin, China. Environmental Science and Pollution Research, 2022, 29, 50117-50134.	2.7	8
856	Forest water use is increasingly decoupled from water availability even during severe drought. Landscape Ecology, 2022, 37, 1801-1817.	1.9	3
857	Evaluating Probability Distribution Functions for the Standardized Precipitation Evapotranspiration Index over Ethiopia. Atmosphere, 2022, 13, 364.	1.0	9
858	Using Artificial Neural Network (ANN) for Short-Range Prediction of Cotton Yield in Data-Scarce Regions. Agronomy, 2022, 12, 828.	1.3	9
859	A Nonstationary Standardized Precipitation Index (NSPI) Using Bayesian Splines. Journal of Applied Meteorology and Climatology, 2022, 61, 761-779.	0.6	2
860	A comprehensive assessment of remote sensing and traditional based drought monitoring indices at global and regional scale. Geomatics, Natural Hazards and Risk, 2022, 13, 762-799.	2.0	36
861	Using a regional frequency analysis approach for calculating the Standardized Precipitation Index: an operational approach based on the two-parameter gamma distribution. Theoretical and Applied Climatology, $0$ , $1$ .	1.3	1
862	Precipitation and Soil Moisture Spatio-Temporal Variability and Extremes over Vietnam (1981–2019): Understanding Their Links to Rice Yield. Sensors, 2022, 22, 1906.	2.1	1
863	Meteorological drought analysis with different indices for the Betwa River basin, India. Theoretical and Applied Climatology, 2022, 148, 1741-1754.	1.3	11
864	Spatiotemporal Characteristics of Dryness/Wetness in the Wine Regions of China from 1981 to 2015. Agronomy, 2022, 12, 843.	1.3	2
865	Characterizing Meteorological Droughts in Nepal: A Comparative Analysis of Standardized Precipitation Index and Rainfall Anomaly Index. Earth, 2022, 3, 409-432.	0.9	8
866	Pervasive, Preferential Flow through <scp>Megaâ€Thick</scp> Unsaturated Zones in the Southern Great Basin. Ground Water, 2022, 60, 496-509.	0.7	3

#	Article	IF	CITATIONS
867	Hydrological Dry Periods versus Atmospheric Circulations in the Lower Vistula Basin (Poland) in 1954–2018. Quaestiones Geographicae, 2022, 41, 107-125.	0.5	3
868	Revisiting the cumulative effects of drought on global gross primary productivity based on new longâ€ŧerm series data (1982–2018). Global Change Biology, 2022, 28, 3620-3635.	4.2	44
869	Drought Vulnerability Assessment and Cluster Analysis of Island Areas Taking Korean Island Areas at Eup (Town) and Myeon (Subcounty) Levels as Study Targets. Water (Switzerland), 2021, 13, 3657.	1.2	2
870	A daily drought index based on evapotranspiration and its application in regional drought analyses. Science China Earth Sciences, 2022, 65, 317-336.	2.3	13
872	An Investigation of Meteorological Drought Studies on a Global Scale Using a Bibliometric Analysis. Journal of Innovative Science and Engineering (JISE), 0, , .	0.7	1
873	Performance Analysis of <scp>ANN</scp> Prediction for Groundwater Level Considering <scp>Regionalâ€6pecific</scp> Influence Components. Ground Water, 2022, 60, 344-361.	0.7	8
874	Yeşilırmak Havzası için Hidrolojik ve Meteorolojik Kuraklık Tahmini, Türkiye. Sürdürülebilir Mül Uygulamaları Ve Teknolojik Gelişmeler Dergisi, 2021, 4, 121-135.	hendislik 0.0	3
875	Evaluation of Seasonal, Drought, and Wet Condition Effects on Performance of Satellite-Based Precipitation Data over Different Climatic Conditions in Iran. Remote Sensing, 2022, 14, 76.	1.8	8
876	The Impact of a Lack of Government Strategies for Sustainable Water Management and Land Use Planning on the Hydrology of Water Bodies: Lessons Learned from the Disappearance of the Aculeo Lagoon in Central Chile. Sustainability, 2022, 14, 413.	1.6	7
877	Drought impact links to meteorological drought indicators and predictability in Spain. Hydrology and Earth System Sciences, 2022, 26, 1821-1844.	1.9	12
878	Atmospheric moisture sources of drought and wet events during 1979–2019 in the Three-River Source Region, Qinghai-Tibetan Plateau. Theoretical and Applied Climatology, 2022, 149, 487-499.	1.3	4
879	Deep Learning-Based Projection of Occurrence Frequency of Forest Fires under SSP Scenario: Exploring the Link between Drought Characteristics and Forest Fires. Sustainability, 2022, 14, 5494.	1.6	0
880	Characteristics analysis of drought at multiple spatiotemporal scale and assessment of CMIP6 performance over the Huaihe River Basin. Journal of Hydrology: Regional Studies, 2022, 41, 101103.	1.0	9
881	Satellite product to map drought and extreme precipitation trend in Andalusia, Spain: A novel method to assess heritage landscapes at risk. International Journal of Applied Earth Observation and Geoinformation, 2022, 110, 102810.	0.9	3
882	Drought evolution in the NW Iberian Peninsula over a 60Âyear period (1960–2020). Journal of Hydrology, 2022, 610, 127923.	2.3	6
883	Spatial and Temporal Drought Characteristics in the Huanghuaihai Plain and Its Influence on Cropland Water Use Efficiency. Remote Sensing, 2022, 14, 2381.	1.8	6
884	Drought assessment has been outpaced by climate change: empirical arguments for a paradigm shift. Nature Communications, 2022, 13, 2715.	5.8	9
885	Investigating meteorological/groundwater droughts by copula to study anthropogenic impacts. Scientific Reports, 2022, 12, 8285.	1.6	9

#	Article	IF	CITATIONS
886	Assessing Sumatran Peat Vulnerability to Fire under Various Condition of ENSO Phases Using Machine Learning Approaches. Forests, 2022, 13, 828.	0.9	6
887	Projected U.S. drought extremes through the twenty-first century with vapor pressure deficit. Scientific Reports, 2022, 12, .	1.6	17
888	Farklı İklim Değişikliği Senaryoları için Doğu Karadeniz Bölgesindeki Meteorolojik Kuraklıkların E Analizi. Journal of the Institute of Science and Technology, 2022, 12, 843-856.	ÄŸilim O.3	1
889	Analysis of Wet Periods in Vojvodina Province Using Standardized Precipitation Index. Contemporary Agriculture, 2022, 71, 45-50.	0.3	0
890	A multi-objective paleo-informed reconstruction of western US weather regimes over the past 600 years. Climate Dynamics, 2023, 60, 339-358.	1.7	3
892	Spatial and Temporal Pattern Assessment of Meteorological Drought in Tumakuru District of Karnataka during 1951–2019 using Standardized Precipitation Index. Journal of the Geological Society of India, 2022, 98, 822-830.	0.5	4
893	Investigation of compound drought risk and driving factors in Nepal. Natural Hazards, 2022, 114, 1365-1391.	1.6	1
894	Nonlinear Seasonal and Long-Term Trends in a Twentieth-Century Meteorological Drought Index across the Continental United States. Journal of Climate, 2022, 35, 6161-6174.	1,2	2
895	Harnessing Artificial Intelligence for Drought Management. Advances in Computational Intelligence and Robotics Book Series, 2022, , 130-143.	0.4	0
896	Evaluating the impact of different normalization strategies on the construction of drought condition indices. Agricultural and Forest Meteorology, 2022, 323, 109045.	1.9	6
897	Relación entre la sequÃa meteorológica e hidrológica en la subcuenca Chancos, Ancash. Revista De InvestigaciÓn CientĀfica Y TecnolÓgica Llamkasun, 2022, 3, 20-28.	0.0	0
898	Groundwater-surface water interaction revealed by meteorological trends and groundwater fluctuations on stream water level. Acque Sotterranee - Italian Journal of Groundwater, 2022, 11, 19-28.	0.2	3
899	Associations between long-term drought and diarrhea among children under five in low- and middle-income countries. Nature Communications, 2022, 13, .	5.8	13
900	Contribution of precipitation and temperature to multiscale drought variations over Asia: Dependence on the time scale. International Journal of Climatology, 2022, 42, 8804-8821.	1.5	2
901	Meteorological Drought Monitoring Based on Satellite CHIRPS Product over Gamo Zone, Southern Ethiopia. Advances in Meteorology, 2022, 2022, 1-13.	0.6	7
902	The Spatiotemporal Weighted Efficient Drought Index—A new generalized procedure of regional drought indicator. Ecohydrology, 2022, 15, .	1.1	2
903	Spatiotemporal evaluation of drought characteristics in south Bihar region using Standardized Precipitation Index (SPI). Arabian Journal of Geosciences, 2022, 15, .	0.6	1
904	Spatiotemporal characterization of meteorological drought: a global approach using the Drought Exceedance Probability Index (DEPI). Climate Research, 2022, 88, 137-154.	0.4	3

#	Article	IF	CITATIONS
905	Integrated assessment of drought vulnerability for water resources management of Bina basin in Central India. Environmental Monitoring and Assessment, 2022, 194, .	1.3	0
906	Historical droughts manifest an abrupt shift to a wetter Tibetan Plateau. Hydrology and Earth System Sciences, 2022, 26, 3825-3845.	1.9	4
907	Comparación de Ãndices de sequÃa univariables y multivariables basados en datos satelitales para la monitorización de sequÃas hidrológicas en el ARA Sur, Mozambique. IngenierÃa Del Agua, 2022, 26, 217-229.	0.2	0
908	Investigating the response of hydrological processes to El Niño events using a 100-year dataset from the western Pacific Ocean. Journal of Hydrology: Regional Studies, 2022, 42, 101174.	1.0	1
909	Increased extreme swings of Atlantic intertropical convergence zone in a warming climate. Nature Climate Change, 2022, 12, 828-833.	8.1	7
910	Recent droughts in the United States are among the fastest-developing of the last seven decades. Weather and Climate Extremes, 2022, 37, 100491.	1.6	6
912	Spatiotemporal characteristics of dryâ€wet abrupt alternation events in China during 1960–2018. International Journal of Climatology, 2022, 42, 9612-9625.	1.5	5
913	How standard are standardized drought indices? Uncertainty components for the SPI & Lamp; SPEI case. Journal of Hydrology, 2022, 613, 128385.	2.3	30
914	Multiple drought indices and their teleconnections with ENSO in various spatiotemporal scales over the Mekong River Basin. Science of the Total Environment, 2023, 854, 158589.	3.9	9
915	Temporal and Spatial Evaluation of Drought in Agricultural Stability Zones in Syria between 1992 and 2018 by Using Standardized Precipitation Index SPI. SSRN Electronic Journal, 0, , .	0.4	O
916	Drought Investigation Using SPI and SPEI Methods: A Case Study in Kırıkkale. Uluslararası Muhendislik Arastirma Ve Gelistirme Dergisi, 2022, 14, 762-776.	0.1	4
917	Selection counteracts developmental plasticity in body-size responses to climate change. Nature Climate Change, 2022, 12, 863-868.	8.1	10
918	Uncertainty Analysis of Hydrological Drought Due to Record Length, Time Scale, and Probability Distribution Functions Using Monte Carlo Simulation Method. Atmosphere, 2022, 13, 1390.	1.0	1
919	Future Projections of Precipitation using Biasâ€"Corrected Highâ€"Resolution Regional Climate Models for Subâ€"Regions with Homogeneous Characteristics in South Korea. Asia-Pacific Journal of Atmospheric Sciences, 2022, 58, 715-727.	1.3	6
920	Integrated Drought Index based on Vine Copula Modelling. International Journal of Climatology, 2022, 42, 9510-9529.	1.5	4
921	From a drought to HIV: An analysis of the effect of droughts on transactional sex and sexually transmitted infections in Malawi. SSM - Population Health, 2022, 19, 101221.	1.3	2
922	Derin sinir ağları modeli ile standardize yağış indeksi tahmini. Ömer Halisdemir Üniversitesi Mühendi Bilimleri Dergisi, 0, , .	slik 0.2	0
924	Temporal and Spatial Variability of Dryness Conditions in Kazakhstan during 1979–2021 Based on Reanalysis Data. Climate, 2022, 10, 144.	1.2	3

#	Article	IF	Citations
925	Identification of demographic crises and evaluation of their intensity in the Kujawy region (Central) Tj ETQq0 0 0	rgBT_/Ove	erlock 10 Tf 50
926	Improving the normalization procedure of the simplified standardized precipitation index (SSPI) using Box–Cox transformation. Stochastic Environmental Research and Risk Assessment, 0, , .	1.9	3
927	Determining the most appropriate probability distribution function for meteorological drought indices in Urmia Lake Basin, Iran. Environmental Monitoring and Assessment, 2023, 195, .	1.3	1
929	Assessing spatiotemporal variation in drought characteristics and their dependence on timescales over Vidarbha Region, India. Geocarto International, 2024, 37, 17971-17993.	1.7	20
930	Quantification of Water Resource Sustainability in Response to Drought Risk Assessment for Afghanistan River Basins. Natural Resources Research, 2023, 32, 235-256.	2.2	7
931	Groundwater budgeting of Nari and Gaj formations and groundwater mapping of Karachi, Pakistan. Applied Water Science, 2022, 12, .	2.8	12
932	Hydrological impacts of land use/cover changes in the Lake Victoria basin. Ecological Indicators, 2022, 145, 109580.	2.6	6
933	Comparative study of two drought description models in Central-Africa: the revisited effective drought index and the standardized precipitation index. Modeling Earth Systems and Environment, 2023, 9, 1775-1792.	1.9	1
934	Drought history and vegetation response in the Angolan Highlands. Theoretical and Applied Climatology, 2023, 151, 115-131.	1.3	2
935	Satellite-derived constraints on the effect of drought stress on biogenic isoprene emissions in the southeastern US. Atmospheric Chemistry and Physics, 2022, 22, 14189-14208.	1.9	3
937	SPI-Based Drought Classification in Italy: Influence of Different Probability Distribution Functions. Water (Switzerland), 2022, 14, 3668.	1.2	7
938	Characterizing the climate-phenology-hydrology associations in a subtropical forested watershed, central Taiwan. Ecological Indicators, 2022, 145, 109650.	2.6	1
939	Analysis of precipitation extremes related to agriculture and water resources sectors based on gridded daily data in Romania. Theoretical and Applied Climatology, 0, , .	1.3	0
940	Comportamiento meteorológico durante la sequÃa de medio verano en Guatemala. Ciencia, TecnologÃa Y Salud, 2022, 9, 150-165.	0.0	0
941	Statistical framework to assess long-term spatio-temporal climate changes: East River mountainous watershed case study. Stochastic Environmental Research and Risk Assessment, 0, , .	1.9	1
942	Quantification of precipitation deficits on different time scales in Sierra Leone using standard precipitation index. Theoretical and Applied Climatology, 0, , .	1.3	0
943	Meteorological Drought Variability and Its Impact on Wheat Yields across South Africa. International Journal of Environmental Research and Public Health, 2022, 19, 16469.	1.2	5
944	Assessment of trends, variability and impacts of droughts across Brazil over the period 1980–2019. Natural Hazards, 0, , .	1.6	4

#	Article	IF	CITATIONS
945	Apa Barajında Kuraklık Analizi. , 0, , .		0
946	Review of In-Situ and Remote Sensing-Based Indices and Their Applicability for Integrated Drought Monitoring in South Africa. Water (Switzerland), 2023, 15, 240.	1.2	8
947	Spatiotemporal Characteristics of Meteorological Drought and Wetness Events across the Coastal Savannah Agroecological Zone of Ghana. Water (Switzerland), 2023, 15, 211.	1.2	4
948	A data-driven model for Fennoscandian wildfire danger. Natural Hazards and Earth System Sciences, 2023, 23, 65-89.	1.5	3
949	Application of the Analysis Time Series and Multispectral Images for the Estimation of the Conditions of the Vegetation Covers of the Natural Areas of Southern Spain. Land, 2023, 12, 42.	1.2	2
950	Comparative Study of Different Discrete Wavelet Based Neural Network Models for long term Drought Forecasting. Water Resources Management, 2023, 37, 1401-1420.	1.9	5
951	Assessing Spatial Variability and Trends of Droughts in Eastern Algeria Using SPI, RDI, PDSI, and MedPDSIâ€"A Novel Drought Index Using the FAO56 Evapotranspiration Method. Water (Switzerland), 2023, 15, 626.	1.2	11
952	Combined multivariate drought index for drought assessment in China from 2003 to 2020. Agricultural Water Management, 2023, 281, 108241.	2.4	8
954	Projection of future extreme meteorological droughts using two large multi-member climate model ensembles. Journal of Hydrology, 2023, 618, 129155.	2.3	3
955	The C-FEWS framework: Supporting studies of climate-induced extremes on food, energy, and water systems at the regional scale. Frontiers in Environmental Science, $0,11,.$	1.5	7
956	Characterisation of meteorological drought at sub-catchment scale in Afghanistan using station-observed climate data. PLoS ONE, 2023, 18, e0280522.	1.1	1
957	Influence of forest infrastructure on the responses of ecosystem services to climate extremes in the Midwest and Northeast United States from 1980 to 2019. Frontiers in Environmental Science, 0, $11$ , .	1.5	4
960	Comparison of SPI and SPImod in Drought Monitoring of Several Climatic Samples of Iran. Journal of Watershed Management Research, 2020, 11, 108-118.	0.0	2
961	An integrated assessment of extreme hydrometeorological events in Bangladesh. Stochastic Environmental Research and Risk Assessment, 2023, 37, 2541-2561.	1.9	1
962	Assessment of Meteorological and Agricultural Drought Indices under Climate Change Scenarios in the South Saskatchewan River Basin, Canada. Sustainability, 2023, 15, 5907.	1.6	2
963	Drought Monitoring and Forecasting across Turkey: A Contemporary Review. Sustainability, 2023, 15, 6080.	1.6	14
964	Incorporating the climate oscillations in the computation of meteorological drought over India. Natural Hazards, 2023, 117, 2617-2646.	1.6	1
965	Association and driving factors of meteorological drought and agricultural drought in Ningxia, Northwest China. Atmospheric Research, 2023, 289, 106753.	1.8	5

#	Article	IF	CITATIONS
966	Accuracy Evaluation of Standardized Precipitation Index (SPI) Estimation under Conventional Assumption in Yeşilırmak, Kızılırmak, and Konya Closed Basins, Turkey. Advances in Meteorology, 2023, 2023, 1-13.	0.6	2
967	A Machine Learning Approach to Statistical Analysis and Prediction of Rainfall and Drought in the Marathwada Subregion. , 2023, , .		1
968	A New Bayesian Network-Based Generalized Weighting Scheme for the Amalgamation of Multiple Drought Indices. Complexity, 2023, 2023, 1-23.	0.9	1
972	Investigation of Trends and Variability Associated with the SPI and SPEI as a Drought Prediction Tools in Gujarat Regions, India. Springer Hydrogeology, 2023, , 79-95.	0.1	O
1009	Aoos/Vjosa: Protection of the River from the Future Impacts of Climate Change and Anthropogenic Activities. , 0, , .		0
1014	Drought monitoring and assessment. , 2023, , 247-276.		O
1017	Hydrological drought characteristics. , 2024, , 157-231.		1
1022	A review of widely used drought indices and the challenges of drought assessment under climate change. Environmental Monitoring and Assessment, 2023, 195, .	1.3	O
1039	Uncertainty Based Assessment of Drought Using Standardized Precipitation Index-A Case Study. Lecture Notes in Civil Engineering, 2024, , 115-125.	0.3	0
1053	Monitoring Spatio-Temporal Pattern of Meteorological Drought Stress Using Standardized Precipitation Index (SPI) over Bundelkhand Region of Uttar Pradesh, India. , 2024, , 203-214.		O
1056	Comparison of Machine Learning Models for Drought Prediction in Central Myanmar. , 2023, , .		0
1060	Investigating the Relationship Between Water Vapor and Precipitation in Northern Africa. Advances in Science, Technology and Innovation, 2024, , 255-258.	0.2	0