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Differences in Spatial Patterns of Drought on Different Time Scales: An Analysis of the Iberian Peninsula

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296	Water Resources and Precipitation Trends in Aragon. 2007 , 23, 107-123		9
295	The Outstanding 2004/05 Drought in the Iberian Peninsula: Associated Atmospheric Circulation. <i>Journal of Hydrometeorology</i> , 2007 , 8, 483-498	3.7	174
294	Pareto-optimal solutions for environmental flow schemes incorporating the intra-annual and interannual variability of the natural flow regime. <i>Water Resources Research</i> , 2007 , 43,	5.4	70
293	Evaluating the Impact of Drought Using Remote Sensing in a Mediterranean, Semi-arid Region. <i>Natural Hazards</i> , 2007 , 40, 173-208	3	160
292	Prediction of SPI Drought Class Transitions Using Markov Chains. <i>Water Resources Management</i> , 2007 , 21, 1813-1827	3.7	111
291	North Atlantic oscillation control of droughts in north-east Spain: evaluation since 1600 a.d.. 2007 , 85, 357-379		59
290	Trends in drought intensity and variability in the middle Ebro valley (NE of the Iberian peninsula) during the second half of the twentieth century. <i>Theoretical and Applied Climatology</i> , 2007 , 88, 247-258	3	66
289	Stochastic Prediction of Drought Class Transitions. <i>Water Resources Management</i> , 2008 , 22, 1277-1296	3.7	48
288	Reconstruction of drought episodes for central Spain from rogation ceremonies recorded at the Toledo Cathedral from 1506 to 1900: A methodological approach. 2008 , 63, 230-242		68
287	ERA-40 reanalysis hydrological applications in the characterization of regional drought. 2008 , 35,		34
286	Positive and Negative Phases of the Wintertime North Atlantic Oscillation and Drought Occurrence over Europe: A Multitemporal-Scale Approach. 2008 , 21, 1220-1243		124
285	Return period maps of dry spells for Catalonia (northeastern Spain) based on the Weibull distribution / Píodes de retour des píodes sèhes en Catalogne (nord-est de l'Espagne) Partir de la distribution de Weibull. 2008 , 53, 48-64		27
284	A multimodel assessment of future climatological droughts in the United Kingdom. <i>International Journal of Climatology</i> , 2009 , 29, 2056-2071	3.5	48
283	Copula-based drought severity-duration-frequency analysis in Iran. <i>Meteorological Applications</i> , 2009 , 16, 481-489	2.1	178
282	Dam effects on droughts magnitude and duration in a transboundary basin: The Lower River Tagus, Spain and Portugal. <i>Water Resources Research</i> , 2009 , 45,	5.4	96
281	Probabilistic analysis of extreme regional meteorological droughts by L-moments in a semi-arid environment. <i>Theoretical and Applied Climatology</i> , 2010 , 102, 351-366	3	19

280	Modelling the Effects of Groundwater-Based Urban Supply in Low-Permeability Aquifers: Application to the Madrid Aquifer, Spain. <i>Water Resources Management</i> , 2010 , 24, 4613-4638	3.7	14
279	The impact of droughts and water management on various hydrological systems in the headwaters of the Tagus River (central Spain). <i>Journal of Hydrology</i> , 2010 , 386, 13-26	6	197
278	Potential predictability of an Iberian river flow based on its relationship with previous winter global SST. <i>Journal of Hydrology</i> , 2010 , 385, 143-149	6	28
277	A shift in the spatial pattern of Iberian droughts during the 17th century. 2010 , 6, 553-563		31
276	Space-time variability of hydrological drought and wetness in Iran using NCEP/NCAR and GPCC datasets. 2010 , 14, 1919-1930		29
275	A Multiscalar Drought Index Sensitive to Global Warming: The Standardized Precipitation Evapotranspiration Index. 2010 , 23, 1696-1718		3667
274	Spatial and temporal variability of droughts in Portugal. <i>Water Resources Research</i> , 2010 , 46,	5.4	188
273	Evaluation of global precipitation data sets over the Iberian Peninsula. 2011 , 116,		128
272	Modeling the hydrologic responses of the Pampanga River basin, Philippines: A quantitative approach for identifying droughts. <i>Water Resources Research</i> , 2011 , 47,	5.4	38
271	Impacts of drought at different time scales on forest growth across a wide climatic gradient in north-eastern Spain. 2011 , 151, 1800-1811		203
270	Drought modeling A review. <i>Journal of Hydrology</i> , 2011 , 403, 157-175	6	526
269	Regional frequency analysis for mapping drought events in north-central Chile. <i>Journal of Hydrology</i> , 2011 , 405, 352-366	6	56
268	The impacts of river regulation and water diversion on the hydrological drought characteristics in the Lower Murrumbidgee River, Australia. <i>Journal of Hydrology</i> , 2011 , 405, 382-391	6	64
267	Trends of extreme precipitation and associated synoptic patterns over the southern Iberian Peninsula. <i>Journal of Hydrology</i> , 2011 , 409, 497-511	6	64
266	Spatio-temporal variability in Ebro river basin (NE Spain): Global SST as potential source of predictability on decadal time scales. <i>Journal of Hydrology</i> , 2011 , 409, 759-775	6	18
265	Regional modeling of dry spells over the Iberian Peninsula for present climate and climate change conditions. 2011 , 107, 625-634		40
264	An Application of GPCC and NCEP/NCAR Datasets for Drought Variability Analysis in Iran. <i>Water Resources Management</i> , 2011 , 25, 1075-1086	3.7	57
263	Regional Frequency Analysis of Droughts in Portugal. <i>Water Resources Management</i> , 2011 , 25, 3537-3558.7		86

262	Evolution of drought severity and its impact on corn in the Republic of Moldova. <i>Theoretical and Applied Climatology</i> , 2011 , 105, 469-483	3	64
261	Application of spatial EOF and multivariate time series model for evaluating agricultural drought vulnerability in Korea. 2011 , 34, 340-350		26
260	A new tool for monthly precipitation analysis in Spain: MOPREDAS database (monthly precipitation trends December 1945–November 2005). <i>International Journal of Climatology</i> , 2011 , 31, 715-731	3.5	115
259	Drought classification in Northern Serbia based on SPI and statistical pattern recognition. <i>Meteorological Applications</i> , 2011 , 18, 60-69	2.1	24
258	Assessment and Comparison of SPI and RDI Meteorological Drought Indices in Selected Synoptic Stations of Iran. 2011 ,		12
257	Growth responses to climate and drought in silver fir (<i>Abies alba</i>) along an altitudinal gradient in southern Kosovo. 2011 , 41, 1795-1807		23
256	A Spatiotemporal Analysis of Historical Droughts in Korea. 2011 , 50, 1895-1912		46
255	Design of Deep Belief Networks for Short-Term Prediction of Drought Index Using Data in the Huaihe River Basin. 2012 , 2012, 1-16		35
254	Are drought occurrence and severity aggravating? A study on SPI drought class transitions using log-linear models and ANOVA-like inference. 2012 , 16, 3011-3028		27
253	Clustering of log-linear models using LRT p-values to assess homogeneous regions relative to drought class transitions. 2012 , 82, 293-308		
252	Accurate Computation of a Streamflow Drought Index. 2012 , 17, 318-332		250
251	Large-Scale Atmospheric Circulation Driving Extreme Climate Events in the Mediterranean and its Related Impacts. 2012 , 347-417		20
250	Factors driving growth responses to drought in Mediterranean forests. 2012 , 131, 1797-1807		29
249	Assessing Multi-site Drought Connections in Iran Using Empirical Copula. 2012 , 17, 469-482		15
248	Regional spatial pattern of deep soil water content and its influencing factors. 2012 , 57, 265-281		73
247	Drought area monitoring during the past three decades in Fars province, Iran. 2012 , 250, 27-36		31
246	Performance of Drought Indices for Ecological, Agricultural, and Hydrological Applications. 2012 , 16, 1-27		474
245	Development of the standardised precipitation index for Greece. 2012 , 9, 401-417		22

244	Spatiotemporal variability of drought on a short-medium time scale in the Calabria Region (Southern Italy). <i>Theoretical and Applied Climatology</i> , 2012 , 110, 471-488	3	35
243	Spatial and temporal variability of precipitation and drought in Portugal. 2012 , 12, 1493-1501		70
242	Monitoring and quantifying future climate projections of dryness and wetness extremes: SPI bias. 2012 , 16, 2143-2157		46
241	Impacto mediico de los fenmenos medioambientales: la sequa en el sur de Espa durante el ltimo medio siglo y su cobertura en prensa. 2012 , 18,		
240	Rainfall mechanisms for the dominant rainfall mode over Zimbabwe relative to ENSO and/or IODZM. 2012 , 2012, 926310		23
239	Assessing extreme droughts in Spain during 1750-1850 from rogation ceremonies. 2012 , 8, 705-722		36
238	Computation of Drought Index SPI with Alternative Distribution Functions. <i>Water Resources Management</i> , 2012 , 26, 2453-2473	3-7	115
237	The water on a small karst island: the island of Korula (Croatia) as an example. 2012 , 66, 1345-1357		15
236	Prediction of Crop Production using Drought indices at Different Time Scales and Climatic Factors to Manage Drought Risk1. 2012 , 48, 1-9		6
235	Investigation of scaling properties in monthly streamflow and Standardized Streamflow Index (SSI) time series in the Ebro basin (Spain). 2012 , 391, 1662-1678		30
234	A spatio-temporal structure-based approach to drought characterisation. <i>International Journal of Climatology</i> , 2012 , 32, 406-418	3-5	110
233	Droughts and their social perception in the mass media (southern Spain). <i>International Journal of Climatology</i> , 2013 , 33, 709-724	3-5	21
232	Assessing the capability of multi-scale drought datasets to quantify drought severity and to identify drought impacts: an example in the Ebro Basin. <i>International Journal of Climatology</i> , 2013 , 33, 1884-1897	3-5	7
231	Regional Drought Modes in Iran Using the SPI: The Effect of Time Scale and Spatial Resolution. <i>Water Resources Management</i> , 2013 , 27, 1661-1674	3-7	40
230	Power spectral characteristics of drought indices in the Ebro river basin at different temporal scales. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 1155-1170	3-5	22
229	European dry spell length distributions, years 1951-2000. <i>Theoretical and Applied Climatology</i> , 2013 , 114, 531-551	3	18
228	Probabilistic Assessment of Drought Characteristics Using Hidden Markov Model. 2013 , 18, 834-845		33
227	Assessing homogeneous regions relative to drought class transitions using an ANOVA-like inference. Application to Alentejo, Portugal. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 183-193	3-5	8

226	A semi-empirical method for predicting hydrological drought magnitudes in the Canadian prairies. 2013 , 58, 549-569		6
225	Hydrological drought response to meteorological drought in the Iberian Peninsula. 2013 , 58, 117-131		85
224	Present-climate precipitation and temperature extremes over Spain from a set of high resolution RCMs. 2013 , 58, 149-164		40
223	Streamflow droughts in the Iberian Peninsula between 1945 and 2005: spatial and temporal patterns. 2013 , 17, 119-134		65
222	Seasonal forecasts of droughts in African basins using the Standardized Precipitation Index. 2013 , 17, 2359-2373		71
221	Standardized precipitation evapotranspiration index (SPEI) revisited: parameter fitting, evapotranspiration models, tools, datasets and drought monitoring. <i>International Journal of Climatology</i> , 2014 , 34, 3001-3023	3.5	739
220	Drought footprint on European ecosystems between 1999 and 2010 assessed by remotely sensed vegetation phenology and productivity. 2014 , 20, 581-93		74
219	Drought events at different timescales in southern Italy (Calabria). 2014 , 10, 529-537		25
218	Spatiotemporal Evolution of the Drought and Flood in Northeast China. 2014 , 1010-1012, 1075-1083		6
217	European dry spell regimes (1951-2000): Clustering process and time trends. <i>Atmospheric Research</i> , 2014 , 144, 151-174	5.4	23
216	Foliar absorption and root translocation of nitrogen from different chemical forms in seedlings of two Mediterranean trees. 2014 , 104, 34-43		34
215	Analysis of drought in the region of Abruzzo (Central Italy) by the Standardized Precipitation Index. <i>Theoretical and Applied Climatology</i> , 2014 , 115, 41-52	3	34
214	Drought Monitoring Using the Multivariate Standardized Precipitation Index (MSPI). <i>Water Resources Management</i> , 2014 , 28, 1045-1060	3.7	73
213	Evaluation of drought and wetness episodes in a cold region (Northeast China) since 1898 with different drought indices. <i>Natural Hazards</i> , 2014 , 71, 2063-2085	3	28
212	Comparison between Parametric and Nonparametric Approaches for the Calculation of Two Drought Indices: SPI and SSI. 2014 , 19, 04014010		35
211	Multi-scale analysis of meteorological drought risks based on a Bayesian interpolation approach in Huai River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 1985-1998	3.5	19
210	Different growth sensitivity to climate of the conifer <i>Juniperus thurifera</i> on both sides of the Mediterranean Sea. 2014 , 58, 2095-109		19
209	Vulnerability of Bulgarian agriculture to drought and climate variability with focus on rainfed maize systems. <i>Natural Hazards</i> , 2014 , 74, 865-886	3	23

208	Assessment of droughts in the Iberian Peninsula using the WASP-Index. 2015 , 16, 208-218		14
207	Identifying the role of typhoons as drought busters in South Korea based on hidden Markov chain models. 2015 , 42, 2797-2804		7
206	Uncertainty analysis of SPI calculation and drought assessment based on the application of Bootstrap. <i>International Journal of Climatology</i> , 2015 , 35, 1847-1857	3.5	20
205	SMOS-derived soil moisture anomalies and drought indices: a comparative analysis using in situ measurements. 2015 , 29, 373-383		53
204	Long-range seasonal streamflow forecasting over the Iberian Peninsula using large-scale atmospheric and oceanic information. <i>Water Resources Research</i> , 2015 , 51, 3543-3567	5.4	22
203	Assessments of Drought Impacts on Vegetation in China with the Optimal Time Scales of the Climatic Drought Index. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 7615-7634	4.6	27
202	GRACE Gravity Satellite Observations of Terrestrial Water Storage Changes for Drought Characterization in the Arid Land of Northwestern China. <i>Remote Sensing</i> , 2015 , 7, 1021-1047	5	68
201	Temporal and Spatial Variability of Droughts in Southwest China from 1961 to 2012. <i>Sustainability</i> , 2015 , 7, 13597-13609	3.6	19
200	The influence of circulation weather patterns at different spatial scales on drought variability in the Iberian Peninsula. <i>Frontiers in Environmental Science</i> , 2015 , 3,	4.8	20
199	Assessing drought cycles in SPI time series using a Fourier analysis. 2015 , 15, 571-585		21
198	Regionalization and Spatiotemporal Variation of Drought in China Based on Standardized Precipitation Evapotranspiration Index (1961-2013). 2015 , 2015, 1-18		43
197	Early warning of drought in Europe using the monthly ensemble system from ECMWF. 2015 , 19, 3273-3286		14
196	Combined characteristics of drought on multiple time scales in Huang-Huai-Hai River basin. 2015 , 8, 4517-4526		10
195	Extreme streamflow drought in the Karkheh river basin (Iran): probabilistic and regional analyses. <i>Natural Hazards</i> , 2015 , 76, 327-346	3	19
194	Analysis of Meteorological Drought Pattern During Different Climatic and Cropping Seasons in Bangladesh. 2015 , 51, 794-806		57
193	The Effect of Drought on Health Outcomes and Health Expenditures in Rural Vietnam. 2015 , 72, 432-448		39
192	Space-time evolution of historical drought hazards in eastern China. <i>Natural Hazards</i> , 2015 , 77, 2027-2043		6
191	A Time-Dependent Drought Index for Non-Stationary Precipitation Series. <i>Water Resources Management</i> , 2015 , 29, 5631-5647	3.7	42

190	Climate impacts on radial growth and vegetation activity of two co-existing Mediterranean pine species. 2015 , 45, 1748-1756		9
189	Identification of drought phases in a 110-year record from Western Mediterranean basin: Trends, anomalies and periodicity analysis for Iberian Peninsula. 2015 , 133, 96-108		23
188	Analyses of Drought Events in Calabria (Southern Italy) Using Standardized Precipitation Index. <i>Water Resources Management</i> , 2015 , 29, 557-573	3.7	53
187	Trends and correlations in annual extreme precipitation indices for mainland Portugal, 1941-2007. <i>Theoretical and Applied Climatology</i> , 2015 , 119, 55-75	3	43
186	SPI-Based Probabilistic Analysis of Drought Areal Extent in Sicily. <i>Water Resources Management</i> , 2015 , 29, 459-470	3.7	25
185	Spatio-temporal variability of droughts in Bolivia: 1955-2012. <i>International Journal of Climatology</i> , 2015 , 35, 3024-3040	3.5	36
184	SPI Modes of Drought Spatial and Temporal Variability in Portugal: Comparing Observations, PT02 and GPCP Gridded Datasets. <i>Water Resources Management</i> , 2015 , 29, 487-504	3.7	22
183	Monitoring Agricultural Risk in Canada Using L-Band Passive Microwave Soil Moisture from SMOS. <i>Journal of Hydrometeorology</i> , 2015 , 16, 5-18	3.7	34
182	Energy-Water Balance and Ecosystem Response to Climate Change in Southwest China. 2016 ,		
181	Long-term community responses to droughts in the early modern period: the case study of Terrassa, Spain. 2016 , 21,		6
180	From meteorological to hydrological drought using standardised indicators. 2016 , 20, 2483-2505		196
179	Spatiotemporal Characteristics of Groundwater Drought and Its Response to Meteorological Drought in Jiangsu Province, China. <i>Water (Switzerland)</i> , 2016 , 8, 480	3	13
178	An Analysis of the Occurrence Probabilities of Wet and Dry Periods through a Stochastic Monthly Rainfall Model. <i>Water (Switzerland)</i> , 2016 , 8, 39	3	16
177	SPI Based Meteorological Drought Assessment over a Humid Basin: Effects of Processing Schemes. <i>Water (Switzerland)</i> , 2016 , 8, 373	3	17
176	Analysis of drought characteristics over Luanhe River basin using the joint deficit index. 2016 , 7, 340-352		3
175	Spatial and temporal patterns of drought in the Continental U.S. during the past century. 2016 , 43, 6294-6303		22
174	Spatiotemporal variations of vegetation and drought severity across Tharparkar, Pakistan, using remote sensing-derived indices. 2016 , 10, 036005		1
173	On conditional skewness with applications to environmental data. 2016 , 23, 491-512		2

172	SPI drought class prediction using log-linear models applied to wet and dry seasons. <i>Physics and Chemistry of the Earth</i> , 2016 , 94, 136-145	3	14
171	Spatio-temporal characteristics of precipitation and dryness/wetness in Yangtze River Delta, eastern China, during 1960-2012. <i>Atmospheric Research</i> , 2016 , 172-173, 196-205	5-4	57
170	Application of copulas for regional bivariate frequency analysis of meteorological droughts in Turkey. <i>Natural Hazards</i> , 2016 , 82, 1457-1477	3	53
169	Drought monitoring using an Integrated Drought Condition Index (IDCI) derived from multi-sensor remote sensing data. <i>Natural Hazards</i> , 2016 , 80, 1135-1152	3	12
168	Ecosystem services values in Spain: A meta-analysis. 2016 , 55, 186-195		44
167	Seasonal drought predictability in Portugal using statistical-dynamical techniques. <i>Physics and Chemistry of the Earth</i> , 2016 , 94, 155-166	3	9
166	Characterization of seasonal droughts in Balochistan Province, Pakistan. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016 , 30, 747-762	3-5	66
165	Uncertainty in drought monitoring by the Standardized Precipitation Index: the case study of the Abruzzo region (central Italy). <i>Theoretical and Applied Climatology</i> , 2017 , 128, 13-26	3	13
164	Spatiotemporal dynamics of global drought. 2017 , 44, 2254-2263		63
163	Comparison of three drought indices and their evolutionary characteristics in the arid region of northwestern China. 2017 , 18, 132-139		26
162	Exposure to Drought: Duration, Severity and Intensity (Java, Bali and Nusa Tenggara). 2017 , 58, 012040		7
161	Evaluation of WRF capability to detect dry and wet periods in Spain using drought indices. 2017 , 122, 1569-1594		28
160	Growth and water use performance of four co-occurring riparian tree species in a Mediterranean riparian forest. 2017 , 396, 132-142		22
159	Growth variability and contrasting climatic responses of two <i>Quercus macrolepis</i> stands from Southern Albania. 2017 , 31, 1491-1504		3
158	Drought analysis in New Zealand using the standardized precipitation index. 2017 , 76, 1		19
157	Groundwater level responses to precipitation variability in Mediterranean insular aquifers. <i>Journal of Hydrology</i> , 2017 , 552, 516-531	6	44
156	Assessing the threat of future megadrought in Iberia. <i>International Journal of Climatology</i> , 2017 , 37, 5024-5034	3-5	19
155	Flood/drought event identification using an effective indicator based on the correlations between multiple time scales of the Standardized Precipitation Index and river discharge. <i>Theoretical and Applied Climatology</i> , 2017 , 128, 159-168	3	13

154	Country-level net primary production distribution and response to drought and land cover change. <i>Science of the Total Environment</i> , 2017 , 574, 65-77	10.2	28
153	Hydrological Drought in the Anthropocene: Impacts of Local Water Extraction and Reservoir Regulation in the U.S.. 2017 , 122, 11,313-11,328		35
152	Space-Time Patterns of Meteorological Drought Events in the European Greater Alpine Region Over the Past 210 Years. <i>Water Resources Research</i> , 2017 , 53, 9807-9823	5.4	29
151	Assessment of the Impact of Climate Change on Drought Characteristics in the Hwanghae Plain, North Korea Using Time Series SPI and SPEI: 1981-2010. <i>Water (Switzerland)</i> , 2017 , 9, 579	3	35
150	Blended Drought Index: Integrated Drought Hazard Assessment in the Cuvelai-Basin. 2017 , 5, 51		10
149	The relationship between drought and tourist arrivals: A case study of Kruger National Park, South Africa. 2017 , 9, 471		8
148	Drought Occurrences and Their Characteristics across Selected Spatial Scales in the Contiguous United States. 2017 , 7, 59		3
147	Forest resilience to drought varies across biomes. 2018 , 24, 2143-2158		150
146	Climate Change and Drought: a Perspective on Drought Indices. 2018 , 4, 145-163		184
145	Global Assessment of the Standardized Evapotranspiration Deficit Index (SEDI) for Drought Analysis and Monitoring. 2018 , 31, 5371-5393		64
144	Water pricing following rainfall distribution and its implications for irrigation agriculture: A case study from Vlez Blanco, Andalusia (1967-2006). 2018 , 199, 34-47		4
143	Extreme dry spells over the Mediterranean Basin during the wet season: Assessment of HyMeX/Med-CORDEX regional climate simulations (1979-2009). <i>International Journal of Climatology</i> , 2018 , 38, 3090-3105	3.5	9
142	Development of heat and drought related extreme weather events and their effect on winter wheat yields in Germany. <i>Theoretical and Applied Climatology</i> , 2018 , 132, 15-29	3	37
141	Spatial and temporal characteristics of droughts in Luanhe River basin, China. <i>Theoretical and Applied Climatology</i> , 2018 , 131, 1369-1385	3	13
140	Spatio-temporal pattern of meteorological droughts and its possible linkage with climate variability. <i>International Journal of Climatology</i> , 2018 , 38, 2082-2096	3.5	14
139	Spatial and temporal analysis of drought variability at several time scales in Syria during 1961-2012. <i>Atmospheric Research</i> , 2018 , 200, 153-168	5.4	64
138	The Little Ice Age in Iberian mountains. 2018 , 177, 175-208		84
137	Spatial and Time Variability of Drought Based on SPI and RDI with Various Time Scales. <i>Water Resources Management</i> , 2018 , 32, 1087-1100	3.7	33

136	High-spatial resolution probability maps of drought duration and magnitude across Spain. 2018 ,		
135	Analysis of drought and vulnerability in the North Darfur region of Sudan. 2018 , 29, 4424-4438		17
134	Investigation of multi-model spatiotemporal mesoscale drought projections over India under climate change scenario. <i>Journal of Hydrology</i> , 2018 , 567, 489-509	6	47
133	Identification of hydroclimate subregions for seasonal drought monitoring in the U.S. Great Plains. <i>Journal of Hydrology</i> , 2018 , 567, 370-381	6	18
132	Drought Analysis in Europe and in the Mediterranean Basin Using the Standardized Precipitation Index. <i>Water (Switzerland)</i> , 2018 , 10, 1043	3	49
131	Copula-Based Stochastic Simulation for Regional Drought Risk Assessment in South Korea. <i>Water (Switzerland)</i> , 2018 , 10, 359	3	20
130	Characteristics of meteorological droughts in northwestern India. <i>Natural Hazards</i> , 2018 , 94, 561-582	3	18
129	Analysis of Drought Vulnerability Characteristics and Risk Assessment Based on Information Distribution and Diffusion in Southwest China. <i>Atmosphere</i> , 2018 , 9, 239	2.7	9
128	SPI Trend Analysis of New Zealand Applying the ITA Technique. 2018 , 8, 101		27
127	Occurrence Probabilities of Wet and Dry Periods in Southern Italy through the SPI Evaluated on Synthetic Monthly Precipitation Series. <i>Water (Switzerland)</i> , 2018 , 10, 336	3	8
126	High-resolution spatio-temporal analyses of drought episodes in the western Mediterranean basin (Spanish mainland, Iberian Peninsula). <i>Acta Geophysica</i> , 2018 , 66, 381-392	2.2	31
125	Spatial characteristics of precipitation shortfalls in the Greater Alpine Region: data-based analysis from observations. <i>Theoretical and Applied Climatology</i> , 2019 , 136, 717-731	3	4
124	An Investigation into the Spatial and Temporal Variability of the Meteorological Drought in Jordan. 2019 , 7, 82		14
123	Spatial Drought Characterization for Seyhan River Basin in the Mediterranean Region of Turkey. <i>Water (Switzerland)</i> , 2019 , 11, 1331	3	26
122	Characterizing meteorological droughts in data scarce regions using remote sensing estimates of precipitation. 2019 , 221-246		3
121	Analysis of the atmospheric circulation pattern effects over SPEI drought index in Spain. <i>Atmospheric Research</i> , 2019 , 230, 104630	5.4	33
120	Different Agricultural Responses to Extreme Drought Events in Neighboring Counties of South and North Korea. <i>Remote Sensing</i> , 2019 , 11, 1773	5	9
119	High ecosystem stability of evergreen broadleaf forests under severe droughts. 2019 , 25, 3494-3503		29

118	Spatiotemporal Evolution of Droughts and Their Teleconnections with Large-Scale Climate Indices over Guizhou Province in Southwest China. <i>Water (Switzerland)</i> , 2019 , 11, 2104	3	4
117	Monitoring and Analysis of Drought Using Gravity Recovery and Climate Experiment (GRACE). <i>Hydrology</i> , 2019 , 6, 75	2.8	2
116	Spatio-temporal variability of droughts over past 80 years in Madeira Island. <i>Journal of Hydrology: Regional Studies</i> , 2019 , 25, 100623	3.6	11
115	An analysis of droughts in Iran during 1988-2017. 2019 , 1, 1		9
114	High-spatial-resolution probability maps of drought duration and magnitude across Spain. 2019 , 19, 611-628		8
113	Drought in Portugal: Current regime, comparison of indices and impacts on extreme wildfires. <i>Science of the Total Environment</i> , 2019 , 685, 150-173	10.2	32
112	Selection of appropriate time scale with Boruta algorithm for regional drought monitoring using multi-scalar drought index. 2019 , 71, 1604057		9
111	High spatial resolution climatology of drought events for Spain: 1961-2014. <i>International Journal of Climatology</i> , 2019 , 39, 5046-5062	3.5	19
110	Utilizing combined deviations of precipitation and GRACE-based terrestrial water storage as a metric for drought characterization: A case study over major Indian river basins. <i>Journal of Hydrology</i> , 2019 , 572, 294-307	6	25
109	Spatiotemporal Drought Analysis at Country Scale Through the Application of the STAND Toolbox. 2019 , 77-93		8
108	Construction of a drought monitoring model using deep learning based on multi-source remote sensing data. 2019 , 79, 48-57		40
107	Assessment of candidate distributions for SPI/SPEI and sensitivity of drought to climatic variables in China. <i>International Journal of Climatology</i> , 2019 , 39, 4392-4412	3.5	32
106	A Comparison of Spatial-Temporal Scale Between Multiscalar Drought Indices in the South Central Region of Vietnam. 2019 , 143-169		5
105	Crops' exposure, sensitivity and adaptive capacity to drought occurrence. 2019 , 19, 2727-2743		1
104	Evaluation of drought representation and propagation in regional climate model simulations across Spain. 2019 , 23, 5111-5131		14
103	Identification of pluriannual periodicities in series of drought indexes and its relationship with macroclimatic indicators. 2019 , 3-4, 100009		2
102	Jointly Modeling Drought Characteristics with Smoothed Regionalized SPI Series for a Small Island. <i>Water (Switzerland)</i> , 2019 , 11, 2489	3	7
101	Combined Use of Multiple Drought Indices for Global Assessment of Dry Gets Drier and Wet Gets Wetter Paradigm. 2019 , 32, 737-748		21

100	Drought Assessment in the Sardinia Region (Italy) During 1922-2011 Using the Standardized Precipitation Index. 2019 , 176, 925-935		22
99	Non-parametric characterization of long-term rainfall time series. <i>Meteorology and Atmospheric Physics</i> , 2019 , 131, 627-637	2	11
98	Effects of droughts on health: Diagnosis, repercussion, and adaptation in vulnerable regions under climate change. Challenges for future research. <i>Science of the Total Environment</i> , 2020 , 703, 134912	10.2	18
97	Identifying spatial extent of meteorological droughts: An examination over a humid region. <i>Journal of Hydrology</i> , 2020 , 591, 125505	6	6
96	Construction of 3D drought structures of meteorological drought events and their spatio-temporal evolution characteristics. <i>Journal of Hydrology</i> , 2020 , 590, 125539	6	1
95	Space and time variability of meteorological drought in Syria. <i>Acta Geophysica</i> , 2020 , 68, 1877-1898	2.2	14
94	Short-term effects of drought on daily mortality in Spain from 2000 to 2009. <i>Environmental Research</i> , 2020 , 183, 109200	7.9	14
93	Drought indices for the Zagreb-Grif Observatory with an overview of drought damage in agriculture in Croatia. <i>Theoretical and Applied Climatology</i> , 2020 , 142, 555-567	3	8
92	Quantification of the Effects of Droughts on Daily Mortality in Spain at Different Timescales at Regional and National Levels: A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
91	Quantifying the impacts of drought and ecological restoration on net primary production changes in the Chinese Loess Plateau. <i>PLoS ONE</i> , 2020 , 15, e0238997	3.7	2
90	The Spatial Dynamics of Droughts and Water Scarcity in England and Wales. <i>Water Resources Research</i> , 2020 , 56, e2020WR027187	5.4	18
89	Spatiotemporal characteristics of extreme droughts and their association with sea surface temperature over the Cauvery River basin, India. <i>Natural Hazards</i> , 2020 , 104, 2239-2259	3	3
88	The Resilience of Inter-basin Transfers to Severe Droughts With Changing Spatial Characteristics. <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	5
87	Drought-related hot summers: A joint probability analysis in the Iberian Peninsula. <i>Weather and Climate Extremes</i> , 2020 , 30, 100279	6	14
86	National-Scale Variation and Propagation Characteristics of Meteorological, Agricultural, and Hydrological Droughts in China. <i>Remote Sensing</i> , 2020 , 12, 3407	5	14
85	Characteristics and trends of flash droughts in Spain, 1961-2018. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1472, 155-172	6.5	12
84	Droughts. 2020 , 219-255		2
83	Assessment of Quantitative Standards for Mega-Drought Using Data on Drought Damages. <i>Sustainability</i> , 2020 , 12, 3598	3.6	1

82	Future Meteorological Droughts in Ecuador: Decreasing Trends and Associated Spatio-Temporal Features Derived From CMIP5 Models. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	11
81	Floods and rivers: a circular causality perspective. <i>Scientific Reports</i> , 2020 , 10, 5175	4.9	18
80	Meteorological Drought Migration in the Poyang Lake Basin, China: Switching among Different Climate Modes. <i>Journal of Hydrometeorology</i> , 2020 , 21, 415-431	3.7	5
79	Evaluating severity-area-frequency (SAF) of seasonal droughts in Bangladesh under climate change scenarios. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 447-464	3.5	29
78	Combined Use of Graphical and Statistical Approaches for Analyzing Historical Precipitation Changes in the Black Sea Region of Turkey. <i>Water (Switzerland)</i> , 2020 , 12, 705	3	10
77	Drought trend, frequency and extremity across a wide range of climates over Iran. <i>Meteorological Applications</i> , 2020 , 27, e1899	2.1	19
76	Long-term variability and trends in meteorological droughts in Western Europe (1851-2018). <i>International Journal of Climatology</i> , 2021 , 41, E690	3.5	23
75	Modeling multivariate standardized drought index based on the drought information from precipitation and runoff: a case study of Hare watershed of Southern Ethiopian Rift Valley Basin. <i>Modeling Earth Systems and Environment</i> , 2021 , 7, 1005-1017	3.2	7
74	Projected changes in the Iberian Peninsula drought characteristics. <i>Science of the Total Environment</i> , 2021 , 757, 143702	10.2	8
73	Spatiotemporal variability of droughts in the Congo River Basin: The role of atmospheric moisture transport.		
72	Meteorological and hydrological drought monitoring using several drought indices. <i>Applied Water Science</i> , 2021 , 11, 1	5	17
71	Performance evaluation of different probability distribution functions for computing Standardized Precipitation Index over diverse climates of Iran. <i>International Journal of Climatology</i> , 2021 , 41, 3352-3373	3.5	3
70	Rankings of extreme and widespread dry and wet events in the Iberian Peninsula between 1901 and 2016. <i>Earth System Dynamics</i> , 2021 , 12, 197-210	4.8	0
69	Spatiotemporal meteorological drought assessment in a humid Mediterranean region: case study of the Oued Sebaou basin (northern central Algeria). <i>Natural Hazards</i> , 2021 , 108, 689-709	3	7
68	Support vector regression integrated with novel meta-heuristic algorithms for meteorological drought prediction. <i>Meteorology and Atmospheric Physics</i> , 2021 , 133, 891-909	2	21
67	Spatiotemporal Drought Risk Assessment Considering Resilience and Heterogeneous Vulnerability Factors: Lempa Transboundary River Basin in The Central American Dry Corridor. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 386	2.4	1
66	Adaptive growth homeostasis in response to drought in Iberian <i>Arabidopsis</i> accessions.		
65	Reservoir Sizing at Draft Level of 75% of Mean Annual Flow Using Drought Magnitude Based Method on Canadian Rivers. <i>Hydrology</i> , 2021 , 8, 79	2.8	2

64	Evaluation of time scale of meteorological, hydrological and agricultural drought indices. <i>Natural Hazards</i> , 2021 , 109, 89-109	3	2
63	Índices e Metodologias de Monitoramento de Secas: Uma Revisão. <i>Revista Brasileira De Meteorologia</i> ,	0.4	3
62	Assessing Future Drought Conditions over the Iberian Peninsula: The Impact of Using Different Periods to Compute the SPEI. <i>Atmosphere</i> , 2021 , 12, 980	2.7	2
61	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975–2019. <i>Atmosphere</i> , 2021 , 12, 941	2.7	4
60	A Study on the Appropriateness of the Drought Index Estimation Method Using Damage Data from Gyeongsangnamdo, South Korea. <i>Atmosphere</i> , 2021 , 12, 998	2.7	1
59	Regional and Seasonal Precipitation and Drought Trends in Ganga-Brahmaputra Basin. <i>Water (Switzerland)</i> , 2021 , 13, 2218	3	0
58	Multi-scale approach for different type of drought in temperate climatic conditions. <i>Natural Hazards</i> , 1	3	3
57	The Role of Recent (1985–2014) Patterns of Land Abandonment and Environmental Factors in the Establishment and Growth of Secondary Forests in the Iberian Peninsula. <i>Land</i> , 2021 , 10, 817	3.5	2
56	Estimating the Aquifer’s Renewable Water to Mitigate the Challenges of Upcoming Megadrought Events. <i>Water Resources Management</i> , 2021 , 35, 4927	3.7	
55	Hydro-meteorological drought risk assessment using linear and nonlinear multivariate methods. <i>Physics and Chemistry of the Earth</i> , 2021 , 123, 103046	3	5
54	Revisiting the Rainfall Anomaly Index to serve as a Simplified Standardized Precipitation Index. <i>Journal of Hydrology</i> , 2021 , 602, 126761	6	6
53	Changing pattern of drought in Nepal and associated atmospheric circulation. <i>Atmospheric Research</i> , 2021 , 262, 105798	5.4	4
52	Reassessing the frequency and severity of meteorological drought considering non-stationarity and copula-based bivariate probability. <i>Journal of Hydrology</i> , 2021 , 603, 126948	6	8
51	Spatiotemporal variability of ecosystem water use efficiency in northern Ethiopia during 1982–2014. <i>Journal of Hydrology</i> , 2021 , 603, 126863	6	0
50	Local Analysis of the Characteristics and Frequency of Extreme Droughts in Málaga Using the SPI (Standardized Precipitation Index). <i>Lecture Notes in Management and Industrial Engineering</i> , 2015 , 167-179	0.3	2
49	Drought Planning and Management in the Iberian Peninsula. <i>Drought and Water Crises</i> , 2017 , 481-506		3
48	Applicability of Standardized Precipitation Index with Alternative Distribution Functions. <i>Journal of Water Resources Research</i> , 2013 , 02, 33-41	0.2	4
47	The Influences of Drought and Land-Cover Conversion on Inter-Annual Variation of NPP in the Three-North Shelterbelt Program Zone of China Based on MODIS Data. <i>PLoS ONE</i> , 2016 , 11, e0158173	3.7	24

46	Spatiotemporal Characteristics of Drought and Driving Factors Based on the GRACE-Derived Total Storage Deficit Index: A Case Study in Southwest China. <i>Remote Sensing</i> , 2021 , 13, 79	5	6
45	Drought Pattern along the Coastal Forest Zone of Tanzania. <i>Atmospheric and Climate Sciences</i> , 2014 , 04, 369-384	0.7	8
44	Future Changes in Drought Characteristics over Southern South America Projected by a CMIP5 Multi-Model Ensemble. <i>American Journal of Climate Change</i> , 2013 , 02, 173-182	0.7	40
43	Local patterns and trends of the Standard Precipitation Index in southern Portugal (1940-1999). <i>Advances in Geosciences</i> , 30, 11-16		12
42	A shift in the spatial pattern of Iberian droughts during the 17th century.		4
41	Monitoring and quantifying future climate projections of dryness and wetness extremes: SPI bias.		3
40	Seasonal forecasts of drought indices in African basins.		6
39	Streamflow droughts in the Iberian Peninsula between 1945 and 2005: spatial and temporal patterns.		4
38	Assessing drought cycles in SPI time series using a Fourier analysis.		2
37	Revealing the spatio-temporal characteristics of drought in Mozambique and their relationship with large-scale climate variability. <i>Journal of Hydrology: Regional Studies</i> , 2021 , 38, 100938	3.6	1
36	Assessing extreme droughts in the Iberian Peninsula during 1750-1850 from rogation ceremonies.		3
35	Early warning of drought in Europe using the monthly ensemble system from ECMWF.		
34	Meteorological Drought Assessment in the Eastern Slovakia. 2020 , 34-41		
33	Lessons from Public Attitudes toward Water Management and Drought in South Korea and California, USA. <i>Journal of Climate Change Research</i> , 2020 , 11, 297-309	0.3	
32	Spatiotemporal evaluation of drought trend during 1979-2019 in seven climatic zones of Bangladesh. <i>Heliyon</i> , 2021 , 7, e08249	3.6	1
31	Spatiotemporal Characteristics and Trends of Meteorological Droughts in the Wadi Mina Basin, Northwest Algeria. <i>Water (Switzerland)</i> , 2021 , 13, 3103	3	3
30	Compatibility of Drought Magnitude Based Method with SPA for Assessing Reservoir Volume: Analysis Using Canadian River Flows. <i>Journal of Water Resource and Protection</i> , 2022 , 14, 1-20	0.7	0
29	Appraisal of seasonal drought characteristics in Turkey during 1925-2016 with the standardized precipitation index and copula approach. <i>Natural Hazards</i> , 1	3	0

28	Spatiotemporal Variability of Droughts in the Congo River Basin. <i>Geophysical Monograph Series</i> , 2022 , 187-203	1.1	1
27	Variabilitat spatio-temporelle des scheresses dans le bassin du fleuve Congo : le rle du transport de l'humiditat atmospherique. <i>Geophysical Monograph Series</i> , 2022 , 193-209	1.1	
26	Precipitation Variability and Drought Assessment Using the SPI: Application to Long-Term Series in the Strait of Gibraltar Area. <i>Water (Switzerland)</i> , 2022 , 14, 884	3	1
25	The Role of Spatial Scale in Drought Monitoring and Early Warning Systems: A Review. <i>Environmental Reviews</i> ,	4.5	0
24	Image_1.tiff. 2020 ,		
23	Image_2.tiff. 2020 ,		
22	Data_Sheet_1.PDF. 2020 ,		
21	Drought evolution in the NW Iberian Peninsula over a 60 year period (1960-2020). <i>Journal of Hydrology</i> , 2022 , 127923	6	0
20	Relacion entre la sequia meteorologica e hidrolgica en la subcuenca Chancos, Ancash. <i>Revista De Investigacion Cientifica Y Tecnologica Llamkasun</i> , 2022 , 3, 20-28	1	
19	A dynamic hierarchical Bayesian approach for forecasting vegetation condition. 2022 , 22, 2725-2749		
18	High resistance of deciduous forests and high recovery rate of evergreen forests under moderate droughts in China. 2022 , 144, 109469		0
17	A robust ensemble drought index: construction and assessment.		0
16	Assessing Satellite-Based Products in Characterizing Agricultural Drought Under Climate Change in Northeast Brazil. 2022 , 426-442		0
15	Wet-environment Evapotranspiration and Precipitation Standardized Index (WEPSI) for drought assessment and monitoring.		0
14	Assessing spatiotemporal variation in drought characteristics and their dependence on timescales over Vidarbha Region, India. 1-23		0
13	Assessment of Relationship between Climate Change, Drought, and Land Use and Land Cover Changes in a Semi-Mountainous Area of the Vietnamese Mekong Delta. 2022 , 11, 2175		0
12	A new drought monitoring approach using three-dimensional drought properties based on a dynamic drought detection technique algorithm. 2022 , 44, 101270		0
11	Assessment of drought characteristics and its impacts on net primary productivity (NPP) in southeastern Tunisia. 2023 , 16,		1

10	Drought patterns: their spatiotemporal variability and impacts on maize production in Limpopo province, South Africa. 2023 , 67, 133-148	1
9	Assessing the Effects of Drought on Rice Yields in the Mekong Delta. 2023 , 11, 13	1
8	Spatiotemporal dynamic of subtropical forest carbon storage and its resistance and resilience to drought in China. 14,	0
7	The Spatiotemporal Characteristics of Wildfires across Australia and Their Connections to Extreme Climate Based on a Combined Hydrological Drought Index. 2023 , 6, 42	0
6	Characterizing spatial-temporal drought risk heterogeneities: A hazard, vulnerability and resilience-based modeling. 2023 , 619, 129321	0
5	The uneven impact of climate change on drought with elevation in the Canary Islands. 2023 , 6,	0
4	Quantitative attribution of vertical motions responsible for the early spring drought conditions over southeastern China.	0
3	Comparative Analysis of Drought Indices in Hydrological Monitoring in Ceara Semi-Arid Basins, Brazil. 2023 , 15, 1259	0
2	Drought Monitoring and Forecasting across Turkey: A Contemporary Review. 2023 , 15, 6080	0
1	Characterization and assessment of hydrological droughts using GloFAS streamflow data for the Narmada River Basin, India.	0