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## Assessment of Hydrological Drought Revisited

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#	Paper	IF	Citations
485	Indicators and Aspects of Hydrological Drought in Lebanon. <i>Water Resources Management</i> , <b>2009</b> , 23, 1875-1891	3.7	34
484	Drought impacts on karstic spring annual water potential. Application on Almyros (Crete) brackish spring. <b>2010</b> , 16, 229-237		37
483	Drought Analysis in the Awash River Basin, Ethiopia. <i>Water Resources Management</i> , <b>2010</b> , 24, 1441-1460	3.7	188
482	Karst Spring Discharges Analysis in Relation to Drought Periods, Using the SPI. <i>Water Resources Management</i> , <b>2010</b> , 24, 1867-1884	3.7	72
481	The Combined Effect of Vegetation and Soil Erosion in the Water Resource Management. <i>Water Resources Management</i> , <b>2010</b> , 24, 3701-3714	3.7	26
480	Integrating Hydro-Meteorological and Physiographic Factors for Assessment of Vulnerability to Drought. <i>Water Resources Management</i> , <b>2010</b> , 24, 4199-4217	3.7	56
479	Utilization of Time-Based Meteorological Droughts to Investigate Occurrence of Streamflow Droughts. <i>Water Resources Management</i> , <b>2010</b> , 24, 4287-4306	3.7	36
478	Modelling the Effects of Groundwater-Based Urban Supply in Low-Permeability Aquifers: Application to the Madrid Aquifer, Spain. <i>Water Resources Management</i> , <b>2010</b> , 24, 4613-4638	3.7	14
477	Influence of SST Forcing on Stochastic Characteristics of Simulated Precipitation and Drought. <b>2010</b> , 11, 754-769		11
476	An Application of GPCP and NCEP/NCAR Datasets for Drought Variability Analysis in Iran. <i>Water Resources Management</i> , <b>2011</b> , 25, 1075-1086	3.7	57
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473	Determining the Ecological Flow Regime for Existing Reservoir Operation. <i>Water Resources Management</i> , <b>2011</b> , 25, 817-835	3.7	38
472	Comparability Analyses of the SPI and RDI Meteorological Drought Indices in Different Climatic Zones. <i>Water Resources Management</i> , <b>2011</b> , 25, 1737-1757	3.7	97
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469	Temporal Regionalization of 7-Day Low Flows in the St. Lawrence Watershed in Quebec (Canada). <i>Water Resources Management</i> , <b>2011</b> , 25, 3559-3574	3.7	19

468	Groundwater quality assessment in Oropos-Kalamos basin, Attica, Greece. <b>2011</b> , 64, 973-988		63
467	Regionalization of low flows based on Canonical Correlation Analysis. <b>2011</b> , 34, 865-872		38
466	Temporal and spatial characteristics of precipitation and droughts in the upper reaches of the Yangtze river basin (China) in recent five decades. <b>2012</b> , 14, 221-235		6
465	Accurate Computation of a Streamflow Drought Index. <b>2012</b> , 17, 318-332		250
464	Do Environmental Stream Classifications Support Flow Assessments in Mediterranean Basins?. <i>Water Resources Management</i> , <b>2012</b> , 26, 3803-3817	3-7	8
463	An Integration of Statistics Temporal Methods to Track the Effect of Drought in a Shallow Mediterranean Lake. <i>Water Resources Management</i> , <b>2012</b> , 26, 4587-4605	3-7	37
462	Drought and climatic change impact on streamflow in small watersheds. <i>Science of the Total Environment</i> , <b>2012</b> , 440, 33-41	10.2	86
461	Prediction of hydrological drought durations based on Markov chains: case of the Canadian prairies. <b>2012</b> , 57, 705-722		30
460	Computation of Drought Index SPI with Alternative Distribution Functions. <i>Water Resources Management</i> , <b>2012</b> , 26, 2453-2473	3-7	115
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458	Characteristics of snow cover in the Hindukush, Karakoram and Himalaya region using Landsat satellite data. <b>2012</b> , 26, 3689-3698		15
457	Investigation of spatio-temporal patterns of seasonal streamflow droughts in a semi-arid region. <b>2013</b> , 69, 1697-1720		18
456	Assessment of Trace Metals during Episodic Events using DGT Passive Sampler: A Proposal for Water Management Enhancement. <i>Water Resources Management</i> , <b>2013</b> , 27, 4163-4181	3-7	10
455	Characterisation of Drought Properties with Bivariate Copula Analysis. <i>Water Resources Management</i> , <b>2013</b> , 27, 4183-4207	3-7	54
454	Factors Influencing Markov Chains Predictability Characteristics, Utilizing SPI, RDI, EDI and SPEI Drought Indices in Different Climatic Zones. <i>Water Resources Management</i> , <b>2013</b> , 27, 3911-3928	3-7	61
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449	Hydrological Drought Assessment in Northwestern Iran Based on Streamflow Drought Index (SDI). <i>Water Resources Management</i> , <b>2013</b> , 27, 137-151	3-7	110
448	Predicting Drought Magnitudes: A Parsimonious Model for Canadian Hydrological Droughts. <i>Water Resources Management</i> , <b>2013</b> , 27, 649-664	3-7	6
447	Analysis of meteorological drought in northwest Iran using the Joint Deficit Index. <b>2013</b> , 492, 35-48		73
446	Effects of the Three Gorges Reservoir on the hydrological droughts at the downstream Yichang station during 2003-2011. <b>2013</b> , 27, 3981-3993		81
445	Dynamics of meteorological and hydrological droughts in the Neman river basin. <b>2013</b> , 8, 045014		32
444	A semi-empirical method for predicting hydrological drought magnitudes in the Canadian prairies. <b>2013</b> , 58, 549-569		6
443	Streamflow droughts in the Iberian Peninsula between 1945 and 2005: spatial and temporal patterns. <b>2013</b> , 17, 119-134		65
442	Monthly hydrometeorological ensemble prediction of streamflow droughts and corresponding drought indices. <b>2013</b> , 17, 395-407		49
441	Hydrological long-term dry and wet periods in the Xijiang River basin, South China. <b>2013</b> , 17, 135-148		33
440	Sensitivity of Surface Runoff to Drought and Climate Change: Application for Shared River Basins. <i>Water (Switzerland)</i> , <b>2014</b> , 6, 3033-3048	3	26
439	Development of streamflow drought severity-duration-frequency curves using the threshold level method. <b>2014</b> , 18, 3341-3351		51
438	Karstic spring water quality: the effect of groundwater abstraction from the recharge area. <b>2014</b> , 52, 2494-2501		12
437	Impact of meteorological drought on streamflow drought in Jinghe River Basin of China. <b>2014</b> , 24, 694-705		32
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435	Uncertainty analysis of streamflow drought forecast using artificial neural networks and Monte-Carlo simulation. <b>2014</b> , 34, 1169-1180		94
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433	Hydrological drought in the west of Iran and possible association with large-scale atmospheric circulation patterns. <b>2014</b> , 28, 764-773		43

432	Modeling of hydrological drought durations and magnitudes: Experiences on Canadian streamflows. <b>2014</b> , 1, 92-106		14
431	Toward Mapping Gridded Drought Indices to Evaluate Local Drought in a Rapidly Changing Global Environment. <i>Water Resources Management</i> , <b>2014</b> , 28, 3859-3869	3.7	12
430	Comparison of Meteorological, Hydrological and Agricultural Drought Responses to Climate Change and Uncertainty Assessment. <i>Water Resources Management</i> , <b>2014</b> , 28, 5039-5054	3.7	60
429	A Simplified Model for Predicting Drought Magnitudes: a Case of Streamflow Droughts in Canadian Prairies. <i>Water Resources Management</i> , <b>2014</b> , 28, 1597-1611	3.7	8
428	Study of Drought in Seven Algerian Plains. <b>2014</b> , 39, 339-359		23
427	Potential Effects of Forest Fires on Streamflow in the Enipeas River Basin, Thessaly, Greece. <b>2014</b> , 1, 73-85		21
426	Effect of the Length of the Streamflow Record on Truncation Level for Assessment of Streamflow Drought Characteristics. <b>2014</b> , 19, 1361-1373		7
425	Drought risk modelling for thermoelectric power plants siting using an excess over threshold approach. <b>2014</b> , 5, 25		1
424	How climate seasonality modifies drought duration and deficit. <b>2014</b> , 119, 4640-4656		111
423	Assessing droughts using meteorological drought indices in Victoria, Australia. <b>2015</b> , 46, 463-476		25
422	SDI and Markov Chains for Regional Drought Characteristics. <i>Sustainability</i> , <b>2015</b> , 7, 10789-10808	3.6	13
421	Changes and Relationships of Climatic and Hydrological Droughts in the Jialing River Basin, China. <b>2015</b> , 10, e0141648		16
420	A Regional Land Use Drought Index for Florida. <b>2015</b> , 7, 17149-17167		14
419	The Drought Characteristics Using the First-Order Homogeneous Markov Chain of Monthly Rainfall Data in Peninsular Malaysia. <i>Water Resources Management</i> , <b>2015</b> , 29, 1523-1539	3.7	31
418	Uncertainties in assessing hydrological drought using streamflow drought index for the upper Yangtze River basin. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2015</b> , 29, 1235-1247	3.5	54
417	Evaluation of Markov Chain Based Drought Forecasts in an Andean Regulated River Basin Using the Skill Scores RPS and GMSS. <i>Water Resources Management</i> , <b>2015</b> , 29, 1949-1963	3.7	20
416	Basinwide Comparison of RDI and SPI Within an IWRM Framework. <i>Water Resources Management</i> , <b>2015</b> , 29, 2011-2026	3.7	27
415	Comparison of Empirical Copula-Based Joint Deficit Index (JDI) and Multivariate Standardized Precipitation Index (MSPI) for Drought Monitoring in Iran. <i>Water Resources Management</i> , <b>2015</b> , 29, 2027-2044	3.7	26

414	Extreme streamflow drought in the Karkheh river basin (Iran): probabilistic and regional analyses. <b>2015</b> , 76, 327-346		19
413	Risk assessment of maize drought hazard in the middle region of farming-pastoral ecotone in Northern China. <b>2015</b> , 76, 1515-1534		13
412	Hydrological drought explained. <b>2015</b> , 2, 359-392		513
411	Effects of large-scale climate patterns and human activities on hydrological drought: a case study in the Luanhe River basin, China. <b>2015</b> , 76, 1687-1710		31
410	Markov Chains of Different Orders for Streamflow Drought Analysis. <i>Water Resources Management</i> , <b>2015</b> , 29, 3441-3457	3-7	12
409	Development of a new composite drought index for multivariate drought assessment. <b>2015</b> , 527, 30-37		64
408	Hydrological drought early warning based on rainfall threshold. <b>2015</b> , 79, 815-832		7
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406	Drought analysis in Antakya-Kahramanmaraş Graben, Turkey. <b>2015</b> , 7, 741-754		27
405	Comprehensive evaluation of the changing drought characteristics in Bundelkhand region of Central India. <i>Meteorology and Atmospheric Physics</i> , <b>2015</b> , 127, 163-182	2	23
404	Hydrologic Drought Atlas for Texas. <b>2015</b> , 20, 05014023		22
403	Hydrological Modeling for Drought Assessment. <b>2015</b> , 263-282		6
402	DrinC: a software for drought analysis based on drought indices. <b>2015</b> , 8, 697-709		145
401	Hydroclimatological influences on recently increased droughts in China's largest freshwater lake. <b>2016</b> , 20, 93-107		35
400	Reservoir storage and hydrologic responses to droughts in the Paran River basin, south-eastern Brazil. <b>2016</b> , 20, 4673-4688		44
399	Robust Response of Streamflow Drought to Different Timescales of Meteorological Drought in Xiangjiang River Basin of China. <i>Advances in Meteorology</i> , <b>2016</b> , 2016, 1-8	1-7	12
398	Probabilistic Forecasting of Drought Events Using Markov Chain- and Bayesian Network-Based Models: A Case Study of an Andean Regulated River Basin. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 37	3	25
397	GRACE-Derived Terrestrial Water Storage Changes in the Inter-Basin Region and Its Possible Influencing Factors: A Case Study of the Sichuan Basin, China. <b>2016</b> , 8, 444		14

396	Assessment of groundwater quality and hydrochemical characteristics in Farashband plain, Iran. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	7
395	Multi-time-scale analysis of hydrological drought forecasting using support vector regression (SVR) and artificial neural networks (ANN). <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	37
394	Assessment of Summer Drought in 2015 Using Different Indices in the Catchment of Blanice River. <b>2016</b> , 162, 45-55		6
393	Drought Forecasting Using Neural Networks, Wavelet Neural Networks, and Stochastic Models: Case of the Algerois Basin in North Algeria. <i>Water Resources Management</i> , <b>2016</b> , 30, 2445-2464	3.7	58
392	GRACE-Based Hydrological Drought Evaluation of the Yangtze River Basin, China. <b>2016</b> , 17, 811-828		63
391	On the potentials of multiple climate variables in assessing the spatio-temporal characteristics of hydrological droughts over the Volta Basin. <i>Science of the Total Environment</i> , <b>2016</b> , 557-558, 819-37	10.2	50
390	Integrated assessment for hydrometeorological drought based on Markov chain model. <b>2016</b> , 84, 1137-1160		3
389	Impacts of Multi-year Droughts and Upstream Human-Induced Activities on the Development of a Semi-arid Transboundary Basin. <i>Water Resources Management</i> , <b>2016</b> , 30, 5131-5143	3.7	15
388	Comparison of two hydrological drought indices. <b>2016</b> , 8, 626-628		24
387	A probabilistic prediction network for hydrological drought identification and environmental flow assessment. <b>2016</b> , 52, 6243-6262		37
386	Physio-climatic controls on vulnerability of watersheds to climate and land use change across the U. S.. <b>2016</b> , 52, 8775-8793		16
385	Quantitative drought monitoring in a typical cold river basin over Tibetan Plateau: An integration of meteorological, agricultural and hydrological droughts. <b>2016</b> , 543, 782-795		12
384	Impact of basin-wide dry climate conditions and non-climatic drivers: an isolation approach. <b>2016</b> , 7, 498-513		1
383	Preparing stream flow drought severity-duration-frequency curves using threshold level method. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	4
382	Meteorological drought in Bangladesh: assessing, analysing and hazard mapping using SPI, GIS and monthly rainfall data. <b>2016</b> , 75, 1		52
381	Spatio-temporal variation of hydrological drought under climate change during the period 1960-2013 in the Hexi Corridor, China. <b>2016</b> , 8, 157-171		21
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379	Hydrological Drought Class Transition Using SPI and SRI Time Series by Loglinear Regression. <i>Water Resources Management</i> , <b>2016</b> , 30, 669-684	3.7	30

378	Drought Forecasting using Markov Chain Model and Artificial Neural Networks. <i>Water Resources Management</i> , <b>2016</b> , 30, 2245-2259	3-7	43
377	Drought indicators-based integrated assessment of drought vulnerability: a case study of Bundelkhand droughts in central India. <b>2016</b> , 81, 1627-1652		47
376	Assessment of seasonal characteristics of streamflow droughts under semiarid conditions. <b>2016</b> , 82, 1541-1564		9
375	Spatial characteristics and temporal trends of meteorological and hydrological droughts in northwestern Iran. <b>2016</b> , 80, 191-210		29
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373	Recent changes of precipitation in Gansu, Northwest China: An index-based analysis. <b>2017</b> , 129, 397-412		17
372	Temporal Hydrologic Alterations Coupled with Climate Variability and Drought for Transboundary River Basins. <i>Water Resources Management</i> , <b>2017</b> , 31, 1489-1502	3-7	11
371	Relating Hydrological and Meteorological Drought Indices in Order to Identify Causes of low Flows in the Catchment of Blanice River. <b>2017</b> , 4, 149-161		2
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369	Climate change, water supply and environmental problems of headwaters: The paradigmatic case of the Tiber, Savio and Marecchia rivers (Central Italy). <i>Science of the Total Environment</i> , <b>2017</b> , 598, 733-748 <sup>10,2</sup>		19
368	Drought Risk Assessment and Management. <i>Water Resources Management</i> , <b>2017</b> , 31, 3083-3095	3-7	36
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350	The Gaussian copula model for the joint deficit index for droughts. <b>2018</b> , 561, 987-999		27
349	Relating the dynamics of climatological and hydrological droughts in semiarid Botswana. <b>2018</b> , 105, 12-24		11
348	Streamflow and Hydrological Drought Trend Analysis and Forecasting in Cyprus. <i>Water Resources Management</i> , <b>2018</b> , 32, 1759-1776	3.7	49
347	Comprehensive drought characteristics analysis based on a nonlinear multivariate drought index. <b>2018</b> , 557, 651-667		49
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344	Spatiotemporal drought assessment of a semi-arid part of middle Tapi River Basin, India. <b>2018</b> , 28, 414-426		16
343	Water system characteristics of Karst river basins in South China and their driving mechanisms of hydrological drought. <b>2018</b> , 92, 1155-1178		5

342	Introduction of new datasets of drought indices based on multivariate methods in semi-arid regions. <b>2018</b> , 49, 266-280		9
341	Temporal-spatial evolution of the hydrologic drought characteristics of the karst drainage basins in South China. <b>2018</b> , 64, 22-30		9
340	Stream flow variability and drought severity in the Songhua River Basin, Northeast China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2018</b> , 32, 1225-1242	3.5	11
339	Spatiotemporal variation of hydrological drought based on the Optimal Standardized Streamflow Index in Luanhe River basin, China. <b>2018</b> , 91, 155-178		8
338	Integrated Methodological Framework for Assessing the Risk of Failure in Water Supply Incorporating Drought Forecasts. Case Study: Andean Regulated River Basin. <i>Water Resources Management</i> , <b>2018</b> , 32, 1209-1223	3.7	3
337	Analysis of hydrological drought characteristics using copula function approach. <b>2018</b> , 16, 153-161		6
336	Spatio-temporal assessment of streamflow droughts over Southern South America: 1961-2006. <b>2018</b> , 133, 1021-1033		5
335	Drought Propagation Patterns under Naturalized Condition Using Daily Hydrometeorological Data. <i>Advances in Meteorology</i> , <b>2018</b> , 2018, 1-14	1.7	6
334	Urban drought. <b>2018</b> , 45, 00095		3
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332	The Construction and Comparison of Regional Drought Severity-Duration-Frequency Curves in Two Colombian River Basins—Study of the Sumapaz and Lebrija Basins. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1453	3	4
331	Drought Vulnerability Indices in Mexico. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1671	3	9
330	Spatial and temporal analysis of drought based on a combined index using copula. <b>2018</b> , 77, 1		14
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325	Hybrid Fuzzy-Probabilistic Analysis and Classification of the Hydrological Drought. <b>2018</b> , 2, 643		3

324	Variations in Moisture Supply from the Mediterranean Sea during Meteorological Drought Episodes over Central Europe. <b>2018</b> , 9, 278		11
323	Drought Analysis in Europe and in the Mediterranean Basin Using the Standardized Precipitation Index. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 1043	3	49
322	Bivariate frequency analysis of low flow using copula functions (case study: Dez River Basin, Iran). <b>2018</b> , 77, 1		8
321	Multivariate design of socioeconomic drought and impact of water reservoirs. <b>2018</b> , 566, 192-204		45
320	Evaluation of Freshwater Flow From Rivers to the Sea in CMIP5 Simulations: Insights From the Congo River Basin. <b>2018</b> , 123, 10,278		8
319	Identification of Hydrological Drought in Eastern China Using a Time-Dependent Drought Index. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 315	3	4
318	Investigating Risk of groundwater drought occurrences by using reliability analysis. <b>2018</b> , 94, 170-184		15
317	Parametric Assessment of Pre-Monsoon Agricultural Water Scarcity in Bangladesh. <i>Sustainability</i> , <b>2018</b> , 10, 819	3.6	16
316	Assessment of Groundwater Drought in the Mangyeong River Basin, Korea. <i>Sustainability</i> , <b>2018</b> , 10, 831	3.6	10
315	Forecasting Quarterly Inflow to Reservoirs Combining a Copula-Based Bayesian Network Method with Drought Forecasting. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 233	3	11
314	Analysis of long term drought severity characteristics and trends across semiarid Botswana using two drought indices. <b>2018</b> , 213, 492-508		50
313	Assessment of Probabilistic Multi-Index Drought Using a Dynamic Naive Bayesian Classifier. <i>Water Resources Management</i> , <b>2018</b> , 32, 4359-4374	3.7	6
312	Adaptation of Standardised Precipitation Index for understanding watertable fluctuations and groundwater resilience in hard-rock areas of India. <b>2018</b> , 77, 1		9
311	A copula-based joint meteorological/hydrological drought index in a humid region (Kasilian basin, North Iran). <i>Arabian Journal of Geosciences</i> , <b>2018</b> , 11, 1	1.8	7
310	Assessing the drought mitigation ability of the reservoir in the downstream of the Yellow River. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 1327-1335	10.2	20
309	Review: The projected hydrologic cycle under the scenario of 936 ppm CO2 in 2100. <b>2019</b> , 27, 31-53		4
308	Analysis of precipitation time series and regional drought assessment based on the standardized precipitation index in the Oum Er-Rbia basin (Morocco). <i>Arabian Journal of Geosciences</i> , <b>2019</b> , 12, 1	1.8	4
307	A 40-Year Analysis of the Hydrological Drought Index for the Tigris Basin, Turkey. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 657	3	14

306	Spatial Drought Characterization for Seyhan River Basin in the Mediterranean Region of Turkey. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1331	3	26
305	Characterizing meteorological droughts in data scarce regions using remote sensing estimates of precipitation. <b>2019</b> , 221-246		3
304	Hydrogeologic Behavior of a Complex and Mature Karst Aquifer System under Drought Condition. <b>2019</b> , 6, 643-671		4
303	Development of Threshold Levels and a Climate-Sensitivity Model of the Hydrological Regime of the High-Altitude Catchment of the Western Himalayas, Pakistan. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1454	3	9
302	Streamflow Drought Interpreted Using SWAT Model Simulations of Past and Future Hydrologic Scenarios: Application to Neches and Trinity River Basins, Texas. <b>2019</b> , 24, 05019024		4
301	Identifying a transition climate zone in an arid river basin using the evaporative stress index. <b>2019</b> , 19, 2281-2294		2
300	Quantile Regression Based Methods for Investigating Rainfall Trends Associated with Flooding and Drought Conditions. <i>Water Resources Management</i> , <b>2019</b> , 33, 4249-4264	3-7	7
299	Environmental Study of Water Reservoirs for the Watershed Management in Pakistan. <i>Earth Systems and Environment</i> , <b>2019</b> , 3, 613-623	7-5	4
298	Hydrological Drought Forecasting Incorporating Climatic and Human-Induced Indices. <b>2019</b> , 34, 1365-1376		3
297	Reservoir Operations to Mitigate Drought Effects With a Hedging Policy Triggered by the Drought Prevention Limiting Water Level. <b>2019</b> , 55, 904-922		42
296	Application of Heuristic Approaches for Prediction of Hydrological Drought Using Multi-scalar Streamflow Drought Index. <i>Water Resources Management</i> , <b>2019</b> , 33, 3985-4006	3-7	48
295	The Quantification of Rainfall Variability Based on The Standardized Precipitation Index. <b>2019</b> , 1244, 012020		
294	Spatial pattern of drought disaster area and types of agriculture plant in Lebak Regency, Banten Province. <b>2019</b> , 311, 012022		
293	Climate change-induced drought evolution over the past 50 years in the southern Chinese Loess Plateau. <b>2019</b> , 122, 104519		23
292	Impact of dam development and climate change on hydroecological conditions and natural hazard risk in the Mekong River Basin. <b>2019</b> , 579, 124177		17
291	Appraising regional multi-category and multi-scalar drought monitoring using standardized moisture anomaly index (SZI): A water-energy balance approach. <b>2019</b> , 579, 124139		15
290	Analysis of Drought from Humid, Semi-Arid and Arid Regions of India Using DrinC Model with Different Drought Indices. <i>Water Resources Management</i> , <b>2019</b> , 33, 1521-1540	3-7	17
289	From meteorological droughts to hydrological droughts: a case study of the Weihe River Basin, China. <i>Arabian Journal of Geosciences</i> , <b>2019</b> , 12, 1	1.8	5

288	Data Processing for Assessment of Meteorological and Hydrological Drought. <b>2019</b> , 145-160		1
287	Information Technology in Disaster Risk Reduction. <b>2019</b> ,		
286	Hydrologic Trends in the Upper Nueces River Basin of Texas Implications for Water Resource Management and Ecological Health. <i>Hydrology</i> , <b>2019</b> , 6, 20	2.8	2
285	Drought variability at various timescales over Yunnan Province, China: 1961-2015. <b>2019</b> , 138, 743-757		21
284	Using the Markov Chain to Analyze Precipitation and Groundwater Drought Characteristics and Linkage with Atmospheric Circulation. <i>Sustainability</i> , <b>2019</b> , 11, 1817	3.6	15
283	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. <b>2019</b> , 572, 294-307		25
282	Revisiting hydrological drought propagation and recovery considering water quantity and quality. <b>2019</b> , 33, 1492-1505		22
281	Bivariate Design of Hydrological Droughts and Their Alterations under a Changing Environment. <b>2019</b> , 24, 04019015		7
280	Evolutional characteristics of hydro-meteorological drought studied using standardized indices and wavelet analysis. <b>2019</b> , 5, 455-469		5
279	Hydrological and agricultural droughts assessment in a semi-arid basin: Inspecting the teleconnections of climate indices on a catchment scale. <b>2019</b> , 217, 413-425		17
278	Identification of critical watershed using hydrological model and drought indices: a case study of upper Girna, Maharashtra, India. <b>2019</b> , 1-12		1
277	Impacts of climate change on hydrological droughts at basin scale: A case study of the Weihe River Basin, China. <b>2019</b> , 513, 37-46		14
276	Application of hydroclimatic drought indicators in the transboundary Prut River basin. <b>2019</b> , 137, 3103-3121		14
275	Characterising droughts in Central America with uncertain hydro-meteorological data. <b>2019</b> , 137, 2125-2138		17
274	A new global database of meteorological drought events from 1951 to 2016. <b>2019</b> , 22, 100593		98
273	Application of TRMM Precipitation Data to Evaluate Drought and Its Effects on Water Resources Instability. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 5377	2.6	4
272	Drought monitoring, mitigation, and adaptation. <b>2019</b> , 457-474		2
271	Research Trends of Hydrological Drought: A Systematic Review. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2252	3	16

270	Evaluation of reanalysis data in the study of meteorological and hydrological droughts in the Magdalena-Cauca river basin, Colombia. <b>2019</b> , 86, 268-277		0
269	Coupling fuzzyBVR and boostingBVR models with wavelet decomposition for meteorological drought prediction. <b>2019</b> , 78, 1		10
268	The course of hydrological drought in the river Drawa catchment (Northern Poland) as characterized by the standardized runoff index. <b>2019</b> ,		1
267	Long-term probability of drought characteristics based on Monte Carlo simulation approach. <b>2019</b> , 39, 544-557		2
266	Analysis of streamflow droughts using fixed and variable thresholds. <b>2019</b> , 33, 414-431		11
265	A framework for quantifying the impacts of climate change and human activities on hydrological drought in a semiarid basin of Northern China. <b>2019</b> , 33, 1075-1088		34
264	Modeling of Daily Rainfall Extremes, Using a Semi-Parametric Pareto Tail Approach. <i>Water Resources Management</i> , <b>2019</b> , 33, 493-508	3-7	4
263	Relationship Between Hydrologic and Metrological Droughts Using the Streamflow Drought Indices and Standardized Precipitation Indices in the Dez Watershed of Iran. <b>2019</b> , 17, 1171-1181		6
262	Drought characterisation based on an agriculture-oriented standardised precipitation index. <b>2019</b> , 135, 1435-1447		51
261	A Non-stationary Standardized Streamflow Index for hydrological drought using climate and human-induced indices as covariates. <i>Science of the Total Environment</i> , <b>2020</b> , 699, 134278	10.2	21
260	Investigating relationship between drought severity in Botswana and ENSO. <b>2020</b> , 100, 255-278		5
259	Determination of drought intensity in Seyhan and Ceyhan River Basins, Turkey, by hydrological drought analysis. <b>2020</b> , 139, 95-107		15
258	Frequency change of future extreme summer meteorological and hydrological droughts over North America. <b>2020</b> , 584, 124316		25
257	Critical drought severity/intensity-duration-frequency curves based on precipitation deficit. <b>2020</b> , 584, 124312		20
256	Observed trends and relationships between ENSO and standardized hydrometeorological drought indices in central Chile. <b>2020</b> , 34, 159-174		6
255	Investigation of streamflow as a seasonal hydrological drought indicator for a tropical region. <b>2020</b> , 20, 609-620		2
254	Natural and anthropogenic influences on the recent droughts in Yellow River Basin, China. <i>Science of the Total Environment</i> , <b>2020</b> , 704, 135428	10.2	49
253	Climatic Causes of Maize Production Loss under Global Warming in Northeast China. <i>Sustainability</i> , <b>2020</b> , 12, 7829	3.6	1

252	Space and time variability of meteorological drought in Syria. <b>2020</b> , 68, 1877-1898		14
251	Multivariate drought risk analysis based on copula functions: a case study. <b>2020</b> , 20, 2375-2388		3
250	Ultra-high resolution regional climate projections for assessing changes in hydrological extremes and underlying uncertainties. <b>2020</b> , 55, 2031-2051		11
249	A novel generalized combinative procedure for Multi-Scalar standardized drought Indices-The long average weighted joint aggregative criterion. <b>2020</b> , 72, 1-23		4
248	Assessment of meteorological and hydrological drought; a case study in Kirindi Oya river basin in Sri Lanka. <b>2020</b> , 10, 429		0
247	Comparative evaluation of impacts of climate change and droughts on river flow vulnerability in Iran. <b>2020</b> , 13, 265-274		12
246	Water scarcity in the Yellow River Basin under future climate change and human activities. <i>Science of the Total Environment</i> , <b>2020</b> , 749, 141446	10.2	29
245	Spatiotemporal analysis of seasonal SPEI in Peninsular Malaysia. <b>2020</b> , 476, 012113		3
244	Probabilistic Projections of Hydrological Droughts Through Convection-Permitting Climate Simulations and Multimodel Hydrological Predictions. <b>2020</b> , 125, e2020JD032914		5
243	Uncertainties in runoff projection and hydrological drought assessment over Gharezu basin under CMIP5 RCP scenarios. <b>2020</b> , 11, 145-163		5
242	A New Method for Joint Frequency Analysis of Modified Precipitation Anomaly Percentage and Streamflow Drought Index Based on the Conditional Density of Copula Functions. <i>Water Resources Management</i> , <b>2020</b> , 34, 4217-4231	3.7	15
241	Spatiotemporal analysis of meteorological drought over Kucuk Menderes River Basin in the Aegean Region of Turkey. <b>2020</b> , 142, 1515-1530		16
240	Prognostic and diagnostic assessment of hydrological drought using water and energy budget-based indices. <b>2020</b> , 591, 125549		4
239	Drought Characteristics Derived Based on the Standardized Streamflow Index: A Large Sample Comparison for Parametric and Nonparametric Methods. <b>2020</b> , 56, e2019WR026315		13
238	Three-dimensional risk analysis of hydro-meteorological drought using multivariate nonlinear index. <b>2020</b> , 142, 1311-1327		4
237	New Standardized Base Flow Index for Identification of Hydrologic Drought in the Red River of the North Basin. <b>2020</b> , 21, 05020011		2
236	Merge L-Moment Method, Regional Frequency Analysis and SDI for Monitoring and Zoning Map of Short-Term and Long-Term Hydrologic Droughts in the Khuzestan Province of Iran. <b>2020</b> , 1		3
235	Spatiotemporal characteristics of extreme droughts and their association with sea surface temperature over the Cauvery River basin, India. <b>2020</b> , 104, 2239-2259		3

234	Hydroclimatic aggregate drought index (HADI): a new approach for identification and categorization of drought in cold climate regions. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2020</b> , 34, 1847-1870	3.5	4
233	Long-Term Variability in Potential Evapotranspiration, Water Availability and Drought under Climate Change Scenarios in the Awash River Basin, Ethiopia. <b>2020</b> , 11, 883		11
232	Assessment of hydrological drought based on nonstationary runoff data. <b>2020</b> , 51, 894-910		5
231	Trends in Long-Term Drought Changes in the Mekong River Delta of Vietnam. <b>2020</b> , 12, 2974		5
230	Multivariate Assessment of Low-Flow Hazards via Copulas: The Case Study of the Ėruh Basin (Turkey). <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2848	3	0
229	Investigating the impacts of climate change and human activities on hydrological drought using non-stationary approaches. <b>2020</b> , 588, 125052		30
228	Large-Scale Climate Variability Patterns and Drought: A Case of Study in South Ėmerica. <i>Water Resources Management</i> , <b>2020</b> , 34, 2061-2079	3.7	11
227	100 years of data is not enough to establish reliable drought thresholds. <b>2020</b> , 7, 100052		9
226	An Index-Flood Statistical Model for Hydrological Drought Assessment. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1213	3	5
225	Exploring Abrupt Alternations Between Wet and Dry Conditions on the Basis of Historical Observations and Convection-Permitting Climate Model Simulations. <b>2020</b> , 125, e2019JD031982		12
224	Hydrological drought risk recurrence under climate change in the karst area of Northwestern Algeria. <b>2020</b> , 11, 164-188		17
223	Hydrological drought indexing approach in response to climate and anthropogenic activities. <b>2020</b> , 141, 1401-1413		5
222	Evaluating Impacts of Irrigation and Drought on River, Groundwater and a Terminal Wetland in the Zayanderud Basin, Iran. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1302	3	5
221	Meteorological Drought, Hydrological Drought, and NDVI in the Heihe River Basin, Northwest China: Evolution and Propagation. <i>Advances in Meteorology</i> , <b>2020</b> , 2020, 1-26	1.7	5
220	Quantifying the Individual Contributions of Climate Change, Dam Construction, and Land Use/Land Cover Change to Hydrological Drought in a Marshy River. <i>Sustainability</i> , <b>2020</b> , 12, 3777	3.6	9
219	Natural Risk Management and Engineering. <b>2020</b> ,		0
218	Characteristics of hydrological extremes in Kulfo River of Southern Ethiopian Rift Valley Basin. <b>2020</b> , 2, 1		6
217	Unsustainability SyndromeĖrom Meteorological to Agricultural Drought in Arid and Semi-Arid Regions. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 838	3	23



216	Quantifying the Central European Droughts in 2018 and 2019 With GRACE Follow-On. <b>2020</b> , 47, e2020GL087285		25
215	Meeting agricultural and environmental water demand in endorheic irrigated river basins: A simulation-optimization approach applied to the Urmia Lake basin in Iran. <b>2020</b> , 241, 106353		16
214	Spatial and Temporal Evolution of Drought Characteristics Over Hungary Between 1961 and 2010. <b>2020</b> , 177, 3961-3978		23
213	Comprehensive evaluation of hydrological drought and its relationships with meteorological drought in the Yellow River basin, China. <b>2020</b> , 584, 124751		39
212	Drought impacts on water quality and potential implications for agricultural production in the Maipo River Basin, Central Chile. <b>2020</b> , 65, 1005-1021		18
211	Hydrological drought analyzing and monitoring by using Streamflow Drought Index (SDI) (case study: Lorestan, Iran). <i>Arabian Journal of Geosciences</i> , <b>2020</b> , 13, 1	1.8	11
210	Hydrological drought evolution with a nonlinear joint index in regions with significant changes in underlying surface. <b>2020</b> , 585, 124794		3
209	Sustainable Water Resources Management in an Arid Area Using a Coupled Optimization-Simulation Modeling. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 885	3	8
208	Drought characterization using the Combined Terrestrial Evapotranspiration Index over the Indus, Ganga and Brahmaputra river basins. <b>2020</b> , 1-25		6
207	Impacts of Drought on Maize and Soybean Production in Northeast China During the Past Five Decades. <b>2020</b> , 17,		30
206	Geospatial drought severity analysis based on PERSIANN-CDR-estimated rainfall data for Odisha state in India (1983-2018). <i>Science of the Total Environment</i> , <b>2021</b> , 750, 141258	10.2	18
205	Hydrological Drought Investigation Using Streamflow Drought Index. <b>2021</b> , 63-88		5
204	The contributions of climate change and production area expansion to drought risk for maize in China over the last four decades. <b>2021</b> , 41, E2851		3
203	Identifying future climate change and drought detection using CanESM2 in the upper Siem Reap River, Cambodia. <b>2021</b> , 94, 101182		1
202	Exploring the urban water-energy-food nexus under environmental hazards within the Nile. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2021</b> , 35, 21-41	3.5	9
201	Groundwater Characterization and Quality Assessment in Nubian Sandstone Aquifer, Kharga Oasis, Egypt. <b>2021</b> , 177-199		1
200	Trend analysis of hydrological and water quality variables to detect anthropogenic effects and climate variability on a river basin scale: A case study of Iran. <b>2021</b> , 34, 11-23		5
199	Multivariate Standardized Drought Indices to Identify Drought Events: Application in the Maipo River Basin. <b>2021</b> , 141-160		

198	Evaluation of drought features in the Dakbla watershed, Central Highlands of Vietnam. <b>2021</b> , 15, 77-83		
197	Spatiotemporal Variation of the Meteorological and Groundwater Droughts in Central Taiwan. <b>2021</b> , 3,		3
196	Comparison of Projection in Meteorological and Hydrological Droughts in the Cheongmicheon Watershed for RCP4.5 and SSP2-4.5. <i>Sustainability</i> , <b>2021</b> , 13, 2066	3.6	9
195	Spatial analysis of drought severity and magnitude using the standardized precipitation index and streamflow drought index over the Upper Indus Basin, Pakistan. <b>2021</b> , 23, 15314-15340		8
194	Spatiotemporal meteorological drought assessment in a humid Mediterranean region: case study of the Oued Sebaou basin (northern central Algeria). <b>2021</b> , 108, 689-709		7
193	The Greater Mekong's Climate-Water-Energy Nexus: How ENSO-Triggered Regional Droughts Affect Power Supply and CO2 Emissions. <b>2021</b> , 9, e2020EF001814		16
192	Climate Change Effects on Temperate Grassland and Its Implication for Forage Production: A Case Study from Northern Germany. <b>2021</b> , 11, 232		6
191	Characteristics and Controlling Factors of the Drought Runoff Coefficient. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1259	3	
190	Drought trend analysis in a semi-arid area of Iraq based on Normalized Difference Vegetation Index, Normalized Difference Water Index and Standardized Precipitation Index. <b>2021</b> , 13, 413-430		5
189	Drought propagation and construction of a comprehensive drought index based on the Soil and Water Assessment Tool (SWAT) and empirical Kendall distribution function (<math>K_{sub C}</math>): a case study for the Jinta River basin in China. <i>Climate</i> , <b>2021</b> , 9, 1333-1335		4
188	Signatures of human intervention or not? Downstream intensification of hydrological drought along a large Central Asian river: the individual roles of climate variability and land use change. <b>2021</b> , 25, 1943-1967		4
187	Meteorological and Hydrological Drought Assessment for Dong Nai River Basin, Vietnam under Climate Change. <b>2021</b> , 26, 1788		1
186	Hydrological drought class early warning using support vector machines and rough sets. <b>2021</b> , 80, 1		3
185	Manavgat BýKuraklık Analizi.		
184	Identification of Extreme Weather Events Using Meteorological and Hydrological Indicators in the Laborec River Catchment, Slovakia. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1413	3	9
183	Reservoir Sizing at Draft Level of 75% of Mean Annual Flow Using Drought Magnitude Based Method on Canadian Rivers. <i>Hydrology</i> , <b>2021</b> , 8, 79	2.8	2
182	Evaluation of time scale of meteorological, hydrological and agricultural drought indices. <b>2021</b> , 109, 89-109		2
181	An overview of monitoring methods for assessing the performance of nature-based solutions against natural hazards. <b>2021</b> , 217, 103603		17

180	Evaluation of drought indices correlation for drought frequency analysis of the Mosul dam watershed. <b>2021</b> , 779, 012077			1
179	Fırtına Deresi Alt Havzası Akış Verilerine Dayalı 1965-2015 Yılları Arasında Nemli ve Kurak Dönemlerin Analizi. <b>2021</b> , 11, 277-288			
178	Development of Multi-Hazard Risk Assessment Model for Agricultural Water Supply and Distribution Systems Using Bayesian Network. <i>Water Resources Management</i> , <b>2021</b> , 35, 3139-3159	3.7		1
177	A multifractal cross-correlation investigation into sensitivity and dependence of meteorological and hydrological droughts on precipitation and temperature. 1			5
176	İndices e Metodologias de Monitoramento de Secas: Uma Revisão.			3
175	Detecting and attributing drought-induced changes in catchment hydrological behaviours in a southeastern Australia catchment using a data assimilation method. <b>2021</b> , 35, e14289			0
174	Use of sustainability index and cellular automata-Markov model to determine and predict long-term spatio-temporal variation of drought in China. <b>2021</b> , 598, 126248			3
173	Streamflow drought: implication of drought definitions and its application for drought forecasting. <b>2021</b> , 25, 3991-4023			8
172	Fuzzy linear regression analysis for groundwater response to meteorological drought in the aquifer system of Xanthi plain, NE Greece. <b>2021</b> , 23, 1112-1129			4
171	Geographically Weighted Regression Hybridized with Kriging Model for Delineation of Drought-Prone Areas. <b>2021</b> , 26, 803-821			2
170	Comprehensive Evaluation of Machine Learning Techniques for Hydrological Drought Forecasting. <b>2021</b> , 147,			5
169	Prediction of Drought Severity Using Model-Based Clustering. <b>2021</b> , 2021, 1-10			6
168	A hydrological perspective on drought risk-assessment in the Yellow River Basin under future anthropogenic activities. <b>2021</b> , 289, 112429			10
167	The Impact of Climate Change on Hydro-Meteorological Droughts Using Copula Functions. <i>Water Resources Management</i> , <b>2021</b> , 35, 3969	3.7		2
166	The Analysis of Long-Term Trends in the Meteorological and Hydrological Drought Occurrences Using Non-Parametric Methods—Case Study of the Catchment of the Upper Note River (Central Poland). <b>2021</b> , 12, 1098			4
165	Characterization and Quantification of Meteorological Drought in the Oued El-Abid Watershed, Central High Atlas, Morocco (1980-2019). <b>2021</b> , 5, 45-55			2
164	Reviewing the Potential of Sentinel-2 in Assessing the Drought. <b>2021</b> , 13, 3355			11
163	Spatiotemporal Analysis of Meteorological and Hydrological Droughts and Their Propagations. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2237	3		5

162	Multi-scale approach for different type of drought in temperate climatic conditions. 1		3
161	Assessing hydrologic drought risk using multi-dimensional copulas: case study in Karkheh River basin. <b>2021</b> , 80, 1		
160	An index-based approach for assessment of upstream-downstream flow regime alteration. <b>2021</b> , 600, 126697		0
159	Vulnerability of community to climate stress: An indicator-based investigation of Upper Gana watershed in Omo Gibe basin in Ethiopia. <b>2021</b> , 63, 102426		3
158	Study on the driven mechanism of hydrologic drought based on the lithology-combined structure of the Karst drainage basin in South China.		1
157	Analysis of drought patterns in the Tano river basin of Ghana. <b>2021</b> , 13, e00883		1
156	Assessment of drought in SPI series using continuous wavelet analysis for Gediz Basin, Turkey. <b>2021</b> , 260, 105687		6
155	Climate change and water abstraction impacts on the long-term variability of water levels in Lake Bracciano (Central Italy): A Random Forest approach. <b>2021</b> , 37, 100880		2
154	Development of flow-duration-frequency curves for episodic low streamflow. <b>2021</b> , 156, 104021		1
153	Appraising standardized moisture anomaly index (SZI) in drought projection across China under CMIP6 forcing scenarios. <b>2021</b> , 37, 100898		2
152	Climate change impacts and uncertainty on spatiotemporal variations of drought indices for an irrigated catchment. <b>2021</b> , 601, 126814		5
151	Use of a multiscalar GRACE-based standardized terrestrial water storage index for assessing global hydrological droughts. <b>2021</b> , 603, 126871		3
150	Hydrological drought forecasting using multi-scalar streamflow drought index, stochastic models and machine learning approaches, in northern Iran. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2021</b> , 35, 1615	3,5	13
149	A Contemporary Review on Drought Modeling Using Machine Learning Approaches. <b>2021</b> , 128, 447-487		5
148	Spatio-Temporal Distribution of Hydrological and Meteorological Droughts in the South Morava Basin. <b>2020</b> , 225-242		1
147	Drought as a Catalyst for Change: A Case Study of the Steenkoppies Dolomitic Aquifer. <b>2013</b> , 251-268		1
146	Coincidence probability analysis of hydrologic low-flow under the changing environment in the Wei River Basin. <b>2020</b> , 103, 1711-1726		2
145	A comparative assessment of projected meteorological and hydrological droughts: Elucidating the role of temperature. <b>2017</b> , 553, 785-797		52

144	Handbook of Drought Indicators and Indices*. <b>2017</b> , 155-208	16
143	Assessment of annual hydrological drought based on fuzzy estimators. <b>2016</b> , 1047-1051	2
142	Probability of hydrologic drought duration and intensity of Xijiang River. <b>2013</b> , 25, 576-582	1
141	Evaluation of Water Cycle Components with Standardized Indices Under Climate Change in the Pampanga, Solo and Chao Phraya Basins. <b>2016</b> , 11, 1091-1102	3
140	Trend Analysis of Hydrological Drought for Selected Rivers in Iraq. <b>2020</b> , 27, 51-57	2
139	Application of Earth Observation Data and Standardized Precipitation Index Based Approach for Meteorological Drought Monitoring, Assessment and Prediction Over Kutch, Gujarat, India. <b>2016</b> , 3, 24-37	3
138	Recent aridity trends and future projections in the Nemunas River basin. <b>2018</b> , 75, 143-154	11
137	Characterisation of hydrological droughts in centralnorth Argentina and their atmospheric and oceanic drivers. <b>2020</b> , 80, 1-18	1
136	Comparison of Meteorological Drought and Hydrological Drought Index. <b>2015</b> , 48, 69-78	11
135	Drought analysis of Cheongmicheon watershed using meteorological, agricultural and hydrological drought indices. <b>2016</b> , 49, 509-518	4
134	Impact of Meteorological Drought on Streamflows in the Lobo River Catchment at Nib&#233;hib&#233;, C&#244;te d'Ivoire. <b>2020</b> , 12, 495-511	5
133	Analysis of groundwater drought using a variant of the Standardised Precipitation Index.	12
132	Hydroclimatological influences at multi-spatial scales on recently increased droughts in China's largest freshwater lake.	1
131	Long-range hydrometeorological ensemble predictions of drought parameters.	4
130	Streamflow droughts in the Iberian Peninsula between 1945 and 2005: spatial and temporal patterns.	4
129	Ensemble seasonal forecast of extreme water inflow into a large reservoir. 369, 115-120	4
128	Hydrometeorological Drought hazard and vulnerability assessment for Northern Bulgaria. <b>2020</b> , 24, 112-123	3
127	Statistical Analysis of Changes in Reservoir Storage According to Standard Precipitation Evapotranspiration Index (SPEI) and Dam Water Release. <b>2018</b> , 18, 409-415	1

126	Over a century evidence of historical and recent dryness/wetness in sub-humid areas: A Uganda, East African case. <b>2021</b> , 28,		2
125	Hydrological drought analysis of Mediterranean basins, Turkey. <i>Arabian Journal of Geosciences</i> , <b>2021</b> , 14, 1	1.8	3
124	Local urban risk assessment of dry and hot hazards for planning mitigation measures. <b>2021</b> , 34, 100371		1
123	Long-term meteorological and hydrological dryness and wetness conditions in the Zhujiang River Basin, South China.		
122	Development of streamflow drought severity- and magnitude-duration-frequency curves using the threshold level method.		1
121	References. <b>2014</b> , 265-290		
120	Development of Regression Equation for Drought Occurrence Using Standard Score Method: Focused on Asia. <b>2019</b> , 19, 519-527		1
119	Seasonal Hydrological Drought Indicator for Tropical Drought Identification. <b>2020</b> , 11, 99-105		
118	Adana ilinde TOPSIS yöntemi ile kuraklık analizi. <b>2020</b> , 33, 101-106		0
117	Hydrological drought in the Bohemian Forest region. <b>2020</b> , 125, 271-290		
116	An Indirect Approach Based on Long Short-Term Memory Networks to Estimate Groundwater Table Depth Anomalies Across Europe With an Application for Drought Analysis. <b>2021</b> , 3,		0
115	Spatiotemporal Characteristics and Trends of Meteorological Droughts in the Wadi Mina Basin, Northwest Algeria. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3103	3	3
114	Drought analyses of Eastern Mediterranean, Seyhan, Ceyhan, and Asi Basins by using aggregate drought index (ADI). 1		4
113	Insights into hydrological drought characteristics using GNSS-inferred large-scale terrestrial water storage deficits. <b>2021</b> , 117294		3
112	Assessment and attribution of China's droughts using an integrated drought index derived from GRACE and GRACE-FO data. <b>2021</b> , 127170		4
111	Estimation of a trend of meteorological and hydrological drought over Qinhuai River Basin. 1		1
110	Comparing linear and non-linear data-driven approaches in monthly river flow prediction, based on the models SARIMA, LSSVM, ANFIS, and GMDH. <b>2021</b> , 29, 21935		6
109	Logistic Regression Analysis for Spatial Patterns of Drought Persistence. <b>2021</b> , 2021, 1-13		5

108	A new framework to substantiate the prevalence of drought intensities. 1		4
107	Twenty-first century drought analysis across China under climate change. 1		3
106	STUDY OF WATER AVAILABILITY DEFICITS AND DROUGHT INDICES FOR THE ZONE OF INSUFFICIENT WATER AVAILABILITY IN UKRAINE. <b>2021</b> , 34-46		1
105	Hydrological Drought Assessment Based on the Standardized Streamflow Index: A Case Study of the Three Cape Provinces of South Africa. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3498	3	1
104	Compatibility of Drought Magnitude Based Method with SPA for Assessing Reservoir Volume: Analysis Using Canadian River Flows. <b>2022</b> , 14, 1-20		0
103	Akın Kuraklık İndeksi Yönteminin Farklı Zaman İnkleri İh Hidrolojik Olarak Değerlendirilmesi: Arsuz Ovası İnek İlişası=25-36		1
102	Assessing the Probability of Drought Severity in a Homogeneous Region. <b>2022</b> , 2022, 1-8		2
101	Assessing agricultural and hydrological drought vulnerability in a savanna ecological zone of Sub-Saharan Africa. <b>2022</b> , 111, 2431		0
100	Impact of drought on cereal crop yields in the Savanna Region of Nigeria. 1-21		0
99	Patterns of Past and Future Droughts in Permanent Lowland Rivers. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 71	3	2
98	Evaluation of Drought, Wet Events, and Climate Variability Impacts on Maize Crop Yields in East Africa During 1981-2017. <b>2022</b> , 16, 41		0
97	Establishing a statistical relation between meteorological and hydrological drought indices.		0
96	Yeni mak havzasındaki hidrolojik kuraklıkların Mann-Kendall ve Yenilikli Yöntemi ile trend analizi.		2
95	Combined use of Sentinel-2 and Landsat-8 to monitor water surface area and evaluated drought risk severity using Google Earth Engine. 1		3
94	Catchment memory explains hydrological drought forecast performance.. <b>2022</b> , 12, 2689		3
93	Impact of Climate Change on Hydrometeorology and Droughts in the Bilate Watershed, Ethiopia. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 729	3	1
92	Droughts in São Paulo: challenges and lessons for a water-adaptive society. 1-13		0
91	The Benefit of Continuous Hydrological Modelling for Drought Hazard Assessment in Small and Coastal Ungauged Basins: A Case Study in Southern Italy. <b>2022</b> , 10, 34		3

90	A comprehensive assessment of remote sensing and traditional based drought monitoring indices at global and regional scale. <i>Geomatics, Natural Hazards and Risk</i> , <b>2022</b> , 13, 762-799	3.6	5
89	Spatial and Temporal Global Patterns of Drought Propagation. <b>2022</b> , 10,		1
88	Data availability and sector-specific frameworks restrict drought impact quantification in the Intermountain West.		
87	Assessing Socioeconomic Drought Based on a Standardized Supply and Demand Water Index. <i>Water Resources Management</i> , 1	3.7	1
86	PCA Based composite drought index for drought assessment in Marathwada region of Maharashtra state, India. 1		1
85	Impact of Climate Change on the Hydrology of the Upper Awash River Basin, Ethiopia. <i>Hydrology</i> , <b>2022</b> , 9, 3	2.8	4
84	Drought Characterisation and Impact Assessment on Basin Hydrology A Geospatial Approach. <i>Water Science and Technology Library</i> , <b>2022</b> , 531-566	0.3	
83	An Investigation of Meteorological Drought Studies on a Global Scale Using a Bibliometric Analysis. <i>Journal of Innovative Science and Engineering (JISE)</i> ,	0.2	
82	Hydrological and Meteorological Drought Forecasting for the Yesilirmak River Basin, Turkey.		
81	Hydrological Drought Analysis for Bolu City with Streamflow Drought Index. <b>2021</b> , 5, 115-123		1
80	A New Non-stationary Hydrological Drought Index Encompassing Climate Indices and Modified Reservoir Index as Covariates. <i>Water Resources Management</i> , 1	3.7	0
79	Drought occurrences and impacts on the upper Grande river basin, Brazil. <i>Meteorology and Atmospheric Physics</i> , <b>2022</b> , 134,	2	0
78	Meteorological and agricultural drought monitoring in Southwest of Iran using a remote sensing-based combined drought index. <i>Stochastic Environmental Research and Risk Assessment</i> ,	3.5	0
77	Comparative Multi-Criteria Assessment of Hydrological Vulnerability Case Study: Drainage Basins in the Northeast Region of Romania. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 1302	3	1
76	Effect of selecting the superior probability distribution in modifying streamflow drought index (SDI). <i>Arabian Journal of Geosciences</i> , <b>2022</b> , 15, 1	1.8	
75	Analysis of hydrological drought for selection of recreation places at eastern Slovakia. <b>2022</b> ,		
74	Spatio-Temporal Analysis of Meteorological Drought Using IMD 0.25° Gridded Dataset for Marathwada Region. <i>Lecture Notes in Civil Engineering</i> , <b>2022</b> , 233-246	0.3	
73	Hydrological Drought Analysis using Streamflow Drought Index (SDI) in Ethiopia. <i>Advances in Meteorology</i> , <b>2022</b> , 2022, 1-19	1.7	2



72	A hybrid drought Index for assessing agricultural drought in arid and semi-arid coastal areas of Southern Iran. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	0
71	Tree-based ensemble model prediction for hydrological drought in a tropical river basin of India. <i>International Journal of Environmental Science and Technology</i> ,	3.3	0
70	A global drought dataset of standardized moisture anomaly index incorporating snow dynamics (SZI&lt;sub&gt;snow&lt;/sub&gt;) and its application in identifying large-scale drought events. <i>Earth System Science Data</i> , <b>2022</b> , 14, 2259-2278	10.5	0
69	Assessment of Drought Conditions Over Different Climate Zones of Kazakhstan Using Standardised Precipitation Evapotranspiration Index. <i>Earth Systems and Environment</i> , 1	7.5	1
68	Drought propagation under global warming: Characteristics, approaches, processes, and controlling factors.. <i>Science of the Total Environment</i> , <b>2022</b> , 156021	10.2	1
67	Farklı İklim Değişiklik Senaryolarının Doğu Karadeniz Bölgesindeki Meteorolojik Kuraklıkların Etkim Analizi. <i>Journal of the Institute of Science and Technology</i> , 843-856	0	
66	Shifting of Meteorological to Hydrological Drought Risk at Regional Scale. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 5560	2.6	1
65	Modified Hydrological Drought Risk Assessment Based on Spatial and Temporal Approaches. <i>Sustainability</i> , <b>2022</b> , 14, 6337	3.6	0
64	Projecting the impact of human activities and climate change on water resources in the transboundary Sre Pok River Basin. <i>Climatic Change</i> , <b>2022</b> , 172,	4.5	0
63	Space-time variations of hydrological drought severities and trends in the semi-arid Euphrates Basin, Turkey. <i>Stochastic Environmental Research and Risk Assessment</i> ,	3.5	0
62	Proportional odds model for identifying spatial inter-seasonal propagation of meteorological drought. <i>Geomatics, Natural Hazards and Risk</i> , <b>2022</b> , 13, 1614-1639	3.6	1
61	Integrated assessment of drought vulnerability for water resources management of Bina basin in Central India. <b>2022</b> , 194,		
60	The Effect of Meteorological and Hydrological Drought on Groundwater Storage Under Climate Change Scenarios.		0
59	Identifying Thresholds, Regime Shifts, and Early Warning Signals Using Long-Term Streamflow Data in the Transboundary Rio GrandeRio Bravo Basin. <b>2022</b> , 14, 2555		
58	Assessment of Catchment Behavior of the Wadi Louza in NW-Algeria Under Hydrological Drought Conditions.		
57	Lake Level Evolution of the Largest Freshwater Lake on the Mediterranean Islands through Drought Analysis and Machine Learning. <b>2022</b> , 14, 10447		
56	A Novel Approach to Identify the Characteristics of Drought under Future Climate Change Scenario.		0
55	Establishing effective warning storage to derive optimal reservoir operation policy based on the drought condition. <b>2022</b> , 274, 107948		0

54	A global perspective on propagation from meteorological drought to hydrological drought during 1902-2014. <b>2022</b> , 280, 106441	1
53	Estimation of Reservoir Volumes at Drafts of 40% - 90%: Drought Magnitude Method Applied on Monthly River Flows from Canadian Prairies. <b>2022</b> , 14, 571-591	0
52	Assessment of Hydrological Drought Using the Standardized Streamflow Index (SSFI): A Case Study of the Tien Yen River Basin of Quang Ninh Province, Vietnam. <b>2022</b> , 10, 309-326	0
51	Copula based multivariate analysis of hydro-meteorological drought.	0
50	Uncertainty Analysis of Hydrological Drought Due to Record Length, Time Scale, and Probability Distribution Functions Using Monte Carlo Simulation Method. <b>2022</b> , 13, 1390	0
49	Changes in the Stability Landscape of a River Basin by Anthropogenic Droughts. <b>2022</b> , 14, 2835	0
48	Integrated Drought Index based on Vine Copula Modelling.	0
47	Drought characterization over Indian sub-continent using GRACE-based indices. <b>2022</b> , 12,	1
46	OneMap Drought Monitoring Analysis Based on Statistical Models. <b>2022</b> , 12, 9669	0
45	Assessment of hydrological drought return periods with bivariate copulas in the Tigris river basin, Turkey. <b>2022</b> , 134,	2
44	Türkiye'de Yağın Kuraklık Analizinde Rolüne Bir Derleme.	0
43	Hydrological Drought Evaluation on Streamflow Drought Index (SDI) in Upstream and Downstream Area of Lampao Reservoir, Northeast of Thailand. <b>2023</b> , 63-72	1
42	Investigating the effects of climate change on future hydrological drought in mountainous basins using SWAT model based on CMIP5 model.	0
41	An optimized hydrological drought index integrating GNSS displacement and satellite gravimetry data. <b>2022</b> , 614, 128647	0
40	Drought Analysis with Two Different Indices in Yeşilirmak Basin.	0
39	Hydrological Drought Forecasting Using a Deep Transformer Model. <b>2022</b> , 14, 3611	1
38	Enhanced Prediction and Determination of Hydrological Drought at Ungauged River Intake Stations under Changing Climate. <b>2022</b> , 12, 11379	0
37	A Modified Two-Parameter Monthly Water Balance Model for Runoff Simulation to Assess Hydrological Drought. <b>2022</b> , 14, 3715	1

36	Characterizing the climate-phenology-hydrology associations in a subtropical forested watershed, central Taiwan. <b>2022</b> , 145, 109650	○
35	Hydrological Drought Response to Meteorological Drought Propagation and Basin Characteristics (Case Study: Northwest of Algeria). <b>2022</b> , 47, 708-717	○
34	Streamflow of the Betwa River under the Combined Effect of LU-LC and Climate Change. <b>2022</b> , 12, 2005	○
33	The dynamic change of propagation from meteorological drought to hydrological drought at the basin scale: A case study from the Weihe River Basin, China. 10,	○
32	Hydrological and Meteorological Drought Monitoring and Trend Analysis in Abbay River Basin, Ethiopia. <b>2022</b> , 2022, 1-18	○
31	Data Stream Approach for Exploration of Droughts and Floods Driving Forces in the Dongting Lake Wetland. <b>2022</b> , 14, 16778	○
30	Comparison of LSTM network, neural network and support vector regression coupled with wavelet decomposition for drought forecasting in the western area of the DPRK.	○
29	A Bayesian network approach for understanding the role of large-scale and local hydro-meteorological variables as drivers of basin-scale rainfall and streamflow.	○
28	Assessment of drought characteristics and its impacts on net primary productivity (NPP) in southeastern Tunisia. <b>2023</b> , 16,	1
27	Review of In-Situ and Remote Sensing-Based Indices and Their Applicability for Integrated Drought Monitoring in South Africa. <b>2023</b> , 15, 240	○
26	Long Term Meteorological Drought Forecasting for North-western Region of Bangladesh Using Wavelet Artificial Neural Network.	○
25	Water Scarcity Risk Index: A Tool for Strategic Drought Risk Management. <b>2023</b> , 15, 255	○
24	Prediction of Streamflow Drought Index for Short-Term Hydrological Drought in the Semi-Arid Yesilirmak Basin Using Wavelet Transform and Artificial Intelligence Techniques. <b>2023</b> , 15, 1109	2
23	Hydrological extremes and climatic controls on streamflow in Jhelum basin, NW Himalaya.	1
22	Multivariate framework for integrated drought vulnerability assessment An application to India. <b>2023</b> , 85, 103515	○
21	Synthetic Drought Hydrograph. <b>2023</b> , 10, 10	○
20	Investigating the relationship between meteorological, hydrological and groundwater resource droughts under the influence of upstream dam reservoir effects.	○
19	Projected Water Scarcity and Hydrological Extremes in the Yellow River Basin in the 21st Century under SSP-RCP Scenarios. <b>2023</b> , 15, 446	○

- 18 Hydrological Drought Severity in Different Return Periods in Rivers of Ardabil Province, Iran. **2023**, 15, 1993 ○
- 17 Assessing Spatial Variability and Trends of Droughts in Eastern Algeria Using SPI, RDI, PDSI, and MedPDSI: A Novel Drought Index Using the FAO56 Evapotranspiration Method. **2023**, 15, 626 1
- 16 Drought mitigation through a hedging-based model of reservoir-farm systems considering climate and streamflow variations. **2023**, 152, 723-737 ○
- 15 Future changes in water resources, floods and droughts under the joint impact of climate and land-use changes in the Chao Phraya basin, Thailand. **2023**, 620, 129454 ○
- 14 Improving drought modeling based on new heuristic machine learning methods. **2023**, 102168 ○
- 13 Multivariate index for monitoring drought (case study, Northeastern of Iraq). **2023**, 116, 3817-3837 ○
- 12 Joint Modelling of Drought Severity and Duration using Copula Theory: A Case Study of Ghana. **2023**, 27, 1850-1865 ○
- 11 Probabilistic assessment of drought stress vulnerability in grasslands of Xinjiang, China. 14, ○
- 10 An Investigation of Hydrological Drought Characteristics in Kizilirmak Basin, Turkey: Impacts and Trends. **2023**, 12, 126-139 ○
- 9 Comparative Analysis of Drought Indices in Hydrological Monitoring in Cear  Semi-Arid Basins, Brazil. **2023**, 15, 1259 ○
- 8 Investigation of the Relationship between Groundwater Variations and Drought Using SPI and GRI Indices in Lordegan Plain. **2021**, 12, 65-74 ○
- 7 UYAK  L   EVRES  N H  DROLOJ  K KURAKLIK ANAL  Z  . **2023**, 11, 1-21 ○
- 6 Evaluating the duration, severity, and peak of hydrological drought using copula. ○
- 5 Drought Monitoring and Forecasting across Turkey: A Contemporary Review. **2023**, 15, 6080 ○
- 4 The Development of a Hydrological Drought Index for Lithuania. **2023**, 15, 1512 ○
- 3 Bivariate socioeconomic drought assessment based on a hybrid framework and impact of human activities. **2023**, 137150 ○
- 2 Characterization and assessment of hydrological droughts using GloFAS streamflow data for the Narmada River Basin, India. ○
- 1 Prediction of Hydrological Drought in Semi-arid Regions Using a Novel Hybrid Model. ○

