

Regional analysis and derivation of copula-based droug  
Lake Urmia basin, Iran

Journal of Environmental Management

206, 134-144

DOI: [10.1016/j.jenvman.2017.10.027](https://doi.org/10.1016/j.jenvman.2017.10.027)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Probabilistic hydrological drought index forecasting based on meteorological drought index using Archimedean copulas. <i>Hydrology Research</i> , 2019, 50, 1230-1250.	1.1	46
2	Multi-factor joint return period of rainstorms and its agricultural risk analysis in Liaoning Province, China. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 1988-2008.	2.0	7
3	How agriculture contributes to reviving the endangered ecosystem of Lake Urmia? The case of agricultural systems in northwestern Iran. <i>Journal of Environmental Management</i> , 2019, 236, 54-67.	3.8	25
4	Trivariate Copula Based Evaluation Model of Water Accessibility. <i>Water Resources Management</i> , 2019, 33, 3211-3225.	1.9	5
5	Copula based assessment of meteorological drought characteristics: Regional investigation of Iran. <i>Agricultural and Forest Meteorology</i> , 2019, 276-277, 107611.	1.9	79
6	Assessing the Impacts of Univariate and Bivariate Flood Frequency Approaches to Flood Risk Accounting for Reservoir Operation. <i>Water (Switzerland)</i> , 2019, 11, 475.	1.2	8
7	Competitive Relationship Between Flood Control and Power Generation with Flood Season Division: A Case Study in Downstream Jinsha River Cascade Reservoirs. <i>Water (Switzerland)</i> , 2019, 11, 2401.	1.2	6
8	Soft-Sensor Model for Chemical Processes Based on D-Vine Copula with Rolling Pin Transformation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 18965-18975.	1.8	5
9	Drought hotspot analysis and risk assessment using probabilistic drought monitoring and severityâ€‘durationâ€‘frequency analysis. <i>Hydrological Processes</i> , 2019, 33, 432-449.	1.1	22
10	Regional Frequency Analysis of Droughts Using Copula Functions (Case Study: Part of Semiarid) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Engineering</i> , 2020, 44, 1223-1235.	1.0	7
11	Spatial assessment of meteorological drought features over different climate regions in Iran. <i>International Journal of Climatology</i> , 2020, 40, 1864-1884.	1.5	78
12	Applicability of long-term satellite-based precipitation products for drought indices considering global warming. <i>Journal of Environmental Management</i> , 2020, 255, 109846.	3.8	40
13	Drought Frequency Analysis Based on the Development of a Two-Variate Standardized Index (Rainfall-Runoff). <i>Water (Switzerland)</i> , 2020, 12, 2599.	1.2	12
14	Applying copulas to predict the multivariate reduction effect of best management practices. <i>Journal of Environmental Management</i> , 2020, 267, 110641.	3.8	6
15	Analyzing drought characteristics using copula-based genetic algorithm method. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	11
16	Regional risk analysis and derivation of copula-based drought for severity-duration curve in arid and semi-arid regions. <i>Theoretical and Applied Climatology</i> , 2020, 141, 889-905.	1.3	19
17	Regional meteorological drought assessment in Iraq. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	31
18	Analysis and Application of Drought Characteristics Based on Theory of Runs and Copulas in Yunnan, Southwest China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4654.	1.2	19

#	ARTICLE	IF	CITATIONS
19	Copula-based drought severity-area-frequency curve and its uncertainty, a case study of Heihe River basin, China. <i>Hydrology Research</i> , 2020, 51, 867-881.	1.1	17
20	Evaluation of CMIP5 models and projected changes in temperatures over South Asia under global warming of 1.5 oC, 2 oC, and 3 oC. <i>Atmospheric Research</i> , 2020, 246, 105122.	1.8	33
21	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.	1.9	58
22	Observed and projected trends of extreme precipitation and maximum temperature during 1992-2100 in Isfahan province, Iran using REMO model and copula theory. <i>Natural Resource Modelling</i> , 2020, 33, .	0.8	5
23	Multivariate Modeling of Projected Drought Frequency and Hazard over India. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	38
24	Assessment of impacts of potential climate change on meteorological drought characteristics at regional scales. <i>International Journal of Climatology</i> , 2021, 41, E319.	1.5	9
25	Copula-based exposure risk dynamic simulation of dual heavy metal mixed pollution accidents at the watershed scale. <i>Journal of Environmental Management</i> , 2021, 277, 111481.	3.8	3
26	Modeling drought duration and severity using two-dimensional copula. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 214, 105530.	0.6	13
27	Bivariate Drought Characterization of Two Contrasting Climatic Regions in India Using Copula. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2021, 147, .	0.6	12
29	Drought Monitoring in Bivariate Probabilistic Framework for the Maximization of Water Use Efficiency. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 0, , 1.	1.0	3
30	Regional analysis of drought severity-duration-frequency and severity-area-frequency curves in the Godavari River Basin, India. <i>International Journal of Climatology</i> , 2021, 41, 5481-5501.	1.5	16
31	Analysis of Drought Characteristics in Northern Shaanxi Based on Copula Function. <i>Water (Switzerland)</i> , 2021, 13, 1445.	1.2	6
32	Application of probability decision system and particle swarm optimization for improving soil moisture content. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 4145-4152.	1.0	37
33	Interconnected governance and social barriers impeding the restoration process of Lake Urmia. <i>Journal of Hydrology</i> , 2021, 598, 126489.	2.3	23
34	Analysis of Characteristics of Dry-Wet Events Abrupt Alternation in Northern Shaanxi, China. <i>Water (Switzerland)</i> , 2021, 13, 2384.	1.2	6
35	Investigating seasonal drought severity-area-frequency (SAF) curve over Indian region: incorporating GCM and scenario uncertainties. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 1597-1614.	1.9	8
36	Fuzzy Stress-based Modeling for Probabilistic Irrigation Planning Using Copula-NSPSO. <i>Water Resources Management</i> , 2021, 35, 4943-4959.	1.9	30
37	Meteorological drought analysis in response to climate change conditions, based on combined four-dimensional vine copulas and data mining (VC-DM). <i>Journal of Hydrology</i> , 2021, 603, 127135.	2.3	25

#	ARTICLE	IF	CITATIONS
38	Investigating the main reasons for the tragedy of large saline lakes: Drought, climate change, or anthropogenic activities? A call to action. <i>Journal of Arid Environments</i> , 2022, 196, 104652.	1.2	30
39	Assessing the effect of spatial-temporal droughts on dominant crop yield changes in Central Malawi. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 63.	1.3	9
40	Modelling of bivariate meteorological drought analysis in Lake Urmia Basin using Archimedean copula functions. <i>Meteorological Applications</i> , 2021, 28, .	0.9	2
41	Spatial based drought assessment: Where are we heading? A review on the current status and future. <i>Science of the Total Environment</i> , 2022, 844, 157239.	3.9	16
42	Increasing probability of concurrent drought between the water intake and receiving regions of the Hanjiang to Weihe River Water Diversion Project, China. <i>Journal of Chinese Geography</i> , 2022, 32, 1998-2012.	1.5	5
43	Point and regional analysis of drought in Northern Iran. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	2
44	Univariate, multivariate L-moments and copula functions for drought analysis. , 2023, , 375-387.		0
45	Interactions Between Changing Climates and Land Uses: The Case of Urmia Lake, Iran. , 2023, , 139-159.		0