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Drought forecasting in a semi-arid watershed using climate signals: a neuro-fuzzy modeling approach

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80	Interconnections between oceanicEtmospheric indices and variability in the U.S. streamflow. <i>Journal of Hydrology</i> , 2015 , 525, 724-736	6	58
79	Exploring Water Management Strategies in an Inland Arid Area Using Dynamic Simulation Model. 2015 ,		
78	Pacific Ocean SST and Z500 climate variability and western U.S. seasonal streamflow. <i>International Journal of Climatology</i> , 2016 , 36, 1515-1533	3.5	47
77	Application of several data-driven techniques to predict a standardized precipitation index. <i>Atmosfera</i> , 2016 , 29, 121	2.5	40
76	Analysis of Water Availability and Use for Solar Power Production in Nevada. 2016,		3
75	Hybrid denoising-jittering data processing approach to enhance sediment load prediction of muddy rivers. <i>Journal of Mountain Science</i> , 2016 , 13, 2135-2146	2.1	5
74	Meteorological Drought Forecasting Based on Climate Signals Using Artificial Neural Network [A Case Study in Khanhhoa Province Vietnam. <i>Procedia Engineering</i> , 2016 , 154, 1169-1175		22
73	Long-range precipitation forecasts using paleoclimate reconstructions in the western United States. <i>Journal of Mountain Science</i> , 2016 , 13, 614-632	2.1	27
72	Simulating low and high streamflow driven by snowmelt in an insufficiently gauged alpine basin. Stochastic Environmental Research and Risk Assessment, 2016 , 30, 59-75	3.5	36
71	Drought prediction using co-active neuro-fuzzy inference system, validation, and uncertainty analysis (case study: Birjand, Iran). <i>Theoretical and Applied Climatology</i> , 2016 , 125, 541-554	3	21
70	An ensemble forecast of semi-arid rainfall using large-scale climate predictors. <i>Meteorological Applications</i> , 2017 , 24, 376-386	2.1	36
69	Using text mining techniques for identifying research gaps and priorities: a case study of the environmental science in Iran. <i>Scientometrics</i> , 2017 , 110, 815-842	3	10

68	Precipitation and Indian Ocean Climate Variability Case Study on Pakistan. 2017,		0
67	Watershed classification by remote sensing indices: A fuzzy c-means clustering approach. <i>Journal of Mountain Science</i> , 2017 , 14, 2053-2063	2.1	35
66	Combined gamma and M-test-based ANN and ARIMA models for groundwater fluctuation forecasting in semiarid regions. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	59
65	A dynamic model for exploring water-resource management scenarios in an inland arid area: Shanshan County, Northwestern China. <i>Journal of Mountain Science</i> , 2017 , 14, 1039-1057	2.1	32
64	World Environmental and Water Resources Congress 2017. 2017 ,		1
63	System Dynamics Modeling of Water Level Variations of Lake Issyk-Kul, Kyrgyzstan. <i>Water</i> (Switzerland), 2017 , 9, 989	3	21
62	Evaluating the Feasibility of Photovoltaic-Based Plant for Potable Water Treatment. 2017,		4
61	Multi-Scale Correlation Analyses between California Streamflow and ENSO/PDO. 2017,		
60	Precipitation forecasting using classification and regression trees (CART) model: a comparative study of different approaches. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	52
59	Application of artificial intelligence models for the prediction of standardized precipitation evapotranspiration index (SPEI) at Langat River Basin, Malaysia. <i>Computers and Electronics in Agriculture</i> , 2018 , 144, 164-173	6.5	55
58	Water Sharing, Governance, and Management among the Provinces in Pakistan Using Evidence-Based Decision Support System. 2018 ,		1
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56	Sustainable Desalination of Brackish Groundwater for the Las Vegas Valley. 2018,		3
55	Flood Prediction Using Machine Learning Models: Literature Review. Water (Switzerland), 2018, 10, 15	363	376
54	Probability assessment of vegetation vulnerability to drought based on remote sensing data. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 702	3.1	16
53	Drought modeling: a comparative study between time series and neuro-fuzzy approaches. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	18
52	Dynamic Simulation of Lake Mead Water Levels in Response to Climate Change and Varying Demands. 2018 ,		1
51	2D Hydrodynamic Model for Flood Vulnerability Assessment of Lower Indus River Basin, Pakistan. 2018 ,		1

50 World Environmental and Water Resources Congress 2018. **2018**,

49	Application of GIS and Remote Sensing for Identification of Potential Runoff Harvesting Sites: A Case Study of Karoonjhar Mountainous Area, Pakistan. 2018 ,		1
48	Drought forecasting using novel heuristic methods in a semi-arid environment. <i>Journal of Hydrology</i> , 2019 , 578, 124053	6	57
47	Impact of Precipitation and Agricultural Productivity on Groundwater Storage in Rahim Yar Khan District, Pakistan. 2019 ,		
46	Regional flood frequency modeling: a comparative study among several data-driven models. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	3
45	Modeling the multiple time scale response of hydrological drought to climate change in the data-scarce inland river basin of Northwest China. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	7
44	Identification of Critical Source Areas (CSAs) and Evaluation of Best Management Practices (BMPs) in Controlling Eutrophication in the Dez River Basin. <i>Environments - MDPI</i> , 2019 , 6, 20	3.2	15
43	Precipitation forecasting by large-scale climate indices and machine learning techniques. <i>Journal of Arid Land</i> , 2020 , 12, 854-864	2.2	3
42	Estimation and easy calculation of the Palmer Drought Severity Index from the meteorological data by using the advanced machine learning algorithms. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 576	3.1	10
41	Forecasting long-term precipitation for water resource management: a new multi-step data-intelligent modelling approach. <i>Hydrological Sciences Journal</i> , 2020 , 65, 2693-2708	3.5	6
40	Three-dimensional risk analysis of hydro-meteorological drought using multivariate nonlinear index. <i>Theoretical and Applied Climatology</i> , 2020 , 142, 1311-1327	3	4
39	Use of Teleconnections to Predict Western Australian Seasonal Rainfall Using ARIMAX Model. <i>Hydrology</i> , 2020 , 7, 52	2.8	5
38	Temporal Scaling of Water Level Fluctuations in Shallow Lakes and Its Impacts on the Lake Eco-Environments. <i>Sustainability</i> , 2020 , 12, 3541	3.6	7
37	Design Aspects, Energy Consumption Evaluation, and Offset for Drinking Water Treatment Operation. <i>Water (Switzerland)</i> , 2020 , 12, 1772	3	3
36	Infrastructure Development in Closed River Basin: Impact Assessment Analysis on Lower Indus Basin. 2020 ,		
35	Comparison of three different bio-inspired algorithms to improve ability of neuro fuzzy approach in prediction of agricultural drought, based on three different indexes. <i>Computers and Electronics in Agriculture</i> , 2020 , 170, 105279	6.5	34
34	Assessing long-term spatio-temporal variability in humidity and drought in Iran using Pedj Drought Index (PDI). <i>Journal of Arid Environments</i> , 2021 , 185, 104336	2.5	7
33	Development of reservoir operation rules using seasonal climate forecasts. <i>Revista Brasileira De Recursos Hidricos</i> , 26,	1.2	

32	Toward rainfall prediction by machine learning in Perfume River Basin, Thua Thien Hue Province, Vietnam. <i>Open Geosciences</i> , 2021 , 13, 963-976	1.3	
31	Multi-timescale drought prediction using new hybrid artificial neural network models. <i>Natural Hazards</i> , 2021 , 106, 2461-2478	3	8
30	Hybrid wavelet I rtificial intelligence models in meteorological drought estimation. <i>Journal of Earth System Science</i> , 2021 , 130, 1	1.8	1
29	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, 3352-33	3 <i>7</i> 3 ⁵	3
28	Drought classification using gradient boosting decision tree. <i>Acta Geophysica</i> , 2021 , 69, 909-918	2.2	5
27	Oceanic-Atmospheric Variability Influences on Baseflows in the Continental United States. <i>Water Resources Management</i> , 2021 , 35, 3005-3022	3.7	1
26	Efficient rainwater harvesting planning using socio-environmental variables and data-driven geospatial techniques. <i>Journal of Cleaner Production</i> , 2021 , 311, 127706	10.3	2
25	A Real Time Flood Detection System Based on Machine Learning Algorithms. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2021 , 364-373	0.4	1
24	Interconnections between oceanic Itmospheric indices and variability in the U.S. streamflow. <i>Journal of Hydrology</i> , 2015 , 525, 724-736	6	48
23	Simulating low and high streamflow driven by snowmelt in an insufficiently gauged alpine basin. 2016 , 30, 59		3
22	Long-range precipitation forecasts using paleoclimate reconstructions in the western United States. 2016 , 13, 614		3
21	A dynamic model for exploring water-resource management scenarios in an inland arid area: Shanshan County, Northwestern China. 2017 , 14, 1039		5
20	Copula-based multivariate flood probability construction: a review. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	4
19	Monthly drought prediction based on ensemble models. <i>PeerJ</i> , 2020 , 8, e9853	3.1	1
18	Simulation of Snow Ablation Processes in the Upstream of Kunes River, Yili Valley, Xinjiang. 2015 ,		
17	Weather Modeling Using Data-Driven Adaptive Rough-Neuro-Fuzzy Approach. <i>Current World Environment Journal</i> , 2017 , 12, 429-435	0.7	
16	Hydrographical and Physical@eographical Characteristics of the Issyk-Kul Lake Basin and Use of Water Resources of the Basin, and Impact of Climate Change on It. Water Resources Development and Management, 2019 , 297-357	0.1	1
15	Relating Urbanization and Irrigation Water Demand in Gujranwala District of Pakistan. 2019 ,		1

14	The Effect of Large-Scale Climatic Signals on Rainfall in Mazandaran Province. <i>Journal of Watershed Management Research</i> , 2019 , 10, 13-24	0.1	О
13	Incorporating Pacific Ocean climate information to enhance the tree-ring-based streamflow reconstruction skill. <i>Journal of Water and Climate Change</i> , 2021 , 12, 1891-1909	2.3	
12	Artificial intelligence application in drought assessment, monitoring and forecasting: a review. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	4
11	Exploring Bayesian model averaging with multiple ANNs for meteorological drought forecasts. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	4
10	Teleconnections of Large-Scale Climate Patterns to Regional Drought in Mid-Latitudes: A Case Study in Xinjiang, China. <i>Atmosphere</i> , 2022 , 13, 230	2.7	1
9	Runoff Simulation Under Future Climate Change Conditions: Performance Comparison of Data-Mining Algorithms and Conceptual Models. <i>Water Resources Management</i> , 2022 , 36, 1191-1215	3.7	1
8	Modelling of bivariate meteorological drought analysis in Lake Urmia Basin using Archimedean copula functions. <i>Meteorological Applications</i> , 2021 , 28,	2.1	1
7	Flood Prediction Using Machine Learning Models: A Case Study of Kebbi State Nigeria. 2021 ,		O
6	Adaptive Neuro-Fuzzy Approach for Solar Radiation Forecasting in Cyclone Ravaged Indian Cities: A Review. <i>Frontiers in Energy Research</i> , 10,	3.8	
5	The Effect of Climate Change on Water Resources. <i>Springer Water</i> , 2022 , 95-118	0.3	
4	Monthly and seasonal hydrological drought forecasting using multiple extreme learning machine models. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2022 , 16, 1364-1381	4.5	2
3	Assessment of machine learning model performance for seasonal precipitation simulation based on teleconnection indices in Iran. 2022 , 15,		O
2	Evaluating the predictability of eight Atmospheric-Oceanic signals affecting Iran Droughts, employing intelligence based and stochastic methods. 2022 ,		О
1	Application of artificial intelligence hybrid models for meteorological drought prediction.		O