

CITATION REPORT

List of articles citing

Determining the Main Factors in Declining the Urmia Lake Level by Using System Dynamics Modeling

DOI: 10.1007/s11269-011-9909-8

Water Resources Management, 2012, 26, 129-145.

Source: <https://exaly.com/paper-pdf/54720795/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
278	The Drying of Iran's Lake Urmia and its Environmental Consequences. 2012 , 2, 128-137		39
277	Investigation of correlation of the variations in land subsidence (detected by continuous GPS measurements) and methodological data in the surrounding areas of Lake Urmia. 2012 , 19, 675-683		7
276	A new approach to combine climate change projections by ordered weighting averaging operator; applications to northwestern provinces of Iran. 2013 , 102, 41-50		8
275	Prediction of Urmia Lake Water-Level Fluctuations by Using Analytical, Linear Statistic and Intelligent Methods. <i>Water Resources Management</i> , 2013 , 27, 4469-4492	3.7	47
274	Using satellite data to extract volume–area–elevation relationships for Urmia Lake, Iran. 2013 , 39, 90-99		66
273	Mapping surface temperature in a hyper-saline lake and investigating the effect of temperature distribution on the lake evaporation. 2013 , 136, 374-385		79
272	Rainfall-runoff Modeling in a Watershed Scale Using an Object Oriented Approach Based on the Concepts of System Dynamics. <i>Water Resources Management</i> , 2013 , 27, 5119	3.7	12
271	Simulating hedging rules for effective reservoir operation by using system dynamics: a case study of Dez Reservoir, Iran. 2013 , 29, 126-140		16
270	Water transfer as a solution to water shortage: A fix that can Backfire. <i>Journal of Hydrology</i> , 2013 , 491, 23-39	6	183
269	Fine-scale population genetic structure in <i>Artemia urmiana</i> (G�tther, 1890) based on mtDNA sequences and ISSR genomic fingerprinting. 2013 , 13, 531-543		15
268	Lake water volume calculation with time series remote-sensing images. 2013 , 34, 7962-7973		45
267	Assessment of future climate classification on Urmia Lake basin under effect of climate change. 2013 , 3, 128		0
266	How to save the dying Lake Urmia. 2014 , 88, 178-179		4
265	Managing water in complex systems: An integrated water resources model for Saskatchewan, Canada. <i>Environmental Modelling and Software</i> , 2014 , 58, 12-26	5.2	62
264	Using System Dynamics Method to Determine the Effect of Water Demand Priorities on Downstream Flow. <i>Water Resources Management</i> , 2014 , 28, 5055-5072	3.7	18
263	Water Flows Toward Power: Socioecological Degradation of Lake Urmia, Iran. 2014 , 27, 759-767		12
262	Modeling of monthly rainfall and runoff of Urmia lake basin using 'feed-forward neural network' and 'time series analysis' model. 2014 , 7-8, 38-48		64

261	Water management in Iran: what is causing the looming crisis?. 2014 , 4, 315-328		298
260	Integrated water resources management in Iran: Environmental, socio-economic and political review of drought in Lake Urmia. 2014 , 6, 40-48		8
259	Biodiversity of the Hypersaline Urmia Lake National Park (NW Iran). 2014 , 6, 102-132		24
258	Linkage between Three Gorges Dam impacts and the dramatic recessions in China's largest freshwater lake, Poyang Lake. <i>Scientific Reports</i> , 2015 , 5, 18197	4.9	82
257	Characterization of saline dust emission resulted from Urmia Lake drying. 2015 , 13, 82		45
256	Salinity-induced differences in soil microbial communities around the hypersaline Lake Urmia. 2015 , 53, 494		16
255	An Integrated Model for Simulating Water Resources Management at Regional Scale. <i>Water Resources Management</i> , 2015 , 29, 1607-1622	3.7	8
254	Basinwide Comparison of RDI and SPI Within an IWRM Framework. <i>Water Resources Management</i> , 2015 , 29, 2011-2026	3.7	27
253	Aral Sea syndrome desiccates Lake Urmia: Call for action. 2015 , 41, 307-311		196
252	Quantifying impacts of climate variability and human activities on the hydrological system of the Haihe River Basin, China. <i>Environmental Earth Sciences</i> , 2015 , 73, 1491-1503	2.9	24
251	Regionalization and Spatial Analysis of Precipitation of the Urmia Lake Basin, Iran. 2015 ,		
250	A spaceborne multisensor approach to monitor the desiccation of Lake Urmia in Iran. 2015 , 156, 349-360		120
249	Extended fuzzy analytic hierarchy process approach in water and environmental management (case study: Lake Urmia Basin, Iran). <i>Environmental Earth Sciences</i> , 2015 , 73, 13-26	2.9	56
248	Identification of trends in hydrological and climatic variables in Urmia Lake basin, Iran. <i>Theoretical and Applied Climatology</i> , 2015 , 119, 443-464	3	114
247	The simulation of mine solid waste generation in Panzhihua City based on system dynamics. 2016 , 59, 213		3
246	Analysis of Long-Term Water Level Variation in Dongting Lake, China. <i>Water (Switzerland)</i> , 2016 , 8, 306	3	23
245	A Spaceborne Multisensory, Multitemporal Approach to Monitor Water Level and Storage Variations of Lakes. <i>Water (Switzerland)</i> , 2016 , 8, 478	3	25
244	Investigating the causality of changes in the landscape pattern of Lake Urmia basin, Iran using remote sensing and time series analysis. 2016 , 188, 462		10

243	Climate change and anthropogenic impacts on the rapid shrinkage of Lake Urmia. 2016 , 36, 4276-4286		42
242	Impact of Middle Eastern dust sources on PM10 in Iran: Highlighting the impact of Tigris-Euphrates basin sources and Lake Urmia desiccation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 14,018-14,034	4.4	27
241	Simulation study of the sustainable utilization of urban water resources based on system dynamics: a case study of Jiamusi. 2016 , 16, 980-991		5
240	Risk Assessment of Climate Change Impacts on Runoff in Urmia Lake Basin, Iran. 2016 , 21, 04016023		1
239	Preserving the world second largest hypersaline lake under future irrigation and climate change. <i>Science of the Total Environment</i> , 2016 , 559, 317-325	10.2	48
238	Deriving and Evaluating Bathymetry Maps and Stage Curves for Shallow Lakes Using Remote Sensing Data. <i>Water Resources Management</i> , 2016 , 30, 5003-5020	3.7	10
237	Sustainable development and anthropogenic induced geomorphic hazards in subsiding areas. 2016 , 41, 2282-2295		14
236	Optimal operation of the Three Gorges Reservoir subject to the ecological water level of Dongting Lake. <i>Environmental Earth Sciences</i> , 2016 , 75, 1	2.9	13
235	Prediction of Water Level using Monthly Lagged Data in Lake Urmia, Iran. <i>Water Resources Management</i> , 2016 , 30, 4951-4967	3.7	22
234	Can lake sensitivity to desiccation be predicted from lake geometry?. <i>Journal of Hydrology</i> , 2016 , 539, 599-610	6	15
233	Urmia Lake water-level change detection and modeling. 2016 , 2, 1-16		12
232	Impacts of climate change and water resources development on the declining inflow into Iran's Urmia Lake. 2016 , 42, 942-952		70
231	Reservoir operation using system dynamics under climate change impacts: a case study of Yamchi reservoir, Iran. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	6
230	A risk-based framework for water resource management under changing water availability, policy options, and irrigation expansion. 2016 , 94, 291-306		20
229	Evaluating climate adaptation strategies on agricultural production in the Siminehrud catchment and inflow into Lake Urmia, Iran using SWAT within an OECD framework. 2016 , 147, 98-110		24
228	Trends in hydrological and climatic variables affected by four variations of the Mann-Kendall approach in Urmia Lake basin, Iran. <i>Hydrological Sciences Journal</i> , 2016 , 1-13	3.5	35
227	Design and implementation of an expert system for updating thematic maps using satellite imagery (case study: changes of Lake Urmia). <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	5
226	Evaluating the impact of changes in land cover and climate variability on streamflow trends (case study: eastern subbasins of Lake Urmia, Iran). 2016 , 6, 1		8

225	Spatiotemporal dynamic study of lakes and development of mathematical prediction model using geoinformatic techniques. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	3
224	Integrating Supply Uncertainties from Stochastic Modeling into Integrated Water Resource Management: Case Study of the Saskatchewan River Basin. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016 , 142, 05015006	2.8	24
223	Assessment of seasonal groundwater quality and potential saltwater intrusion: a study case in Urmia coastal aquifer (NW Iran) using the groundwater quality index (GQI) and hydrochemical facies evolution diagram (HFE-D). 2016 , 30, 1473-1484		41
222	Wavelet and Gaussian Approaches for Estimation of Groundwater Variations Using GRACE Data. 2016 , 54, 74-81		8
221	Environmental management in Urmia Lake: thresholds approach. 2016 , 32, 77-88		9
220	Climate variability and anthropogenic effects on Lake Urmia water level fluctuations, northwestern Iran. <i>Hydrological Sciences Journal</i> , 2016 , 1-11	3.5	21
219	Structural characteristics of annual precipitation in Lake Urmia basin. <i>Theoretical and Applied Climatology</i> , 2017 , 128, 919-932	3	35
218	Elemental composition of particulate matters around Urmia Lake, Iran. 2017 , 99, 17-31		21
217	Disaggregating radar-derived rainfall measurements in East Azarbaijan, Iran, using a spatial random-cascade model. <i>Theoretical and Applied Climatology</i> , 2017 , 129, 427-435	3	
216	Boundary matters: the potential of system dynamics to support sustainability?. <i>Journal of Cleaner Production</i> , 2017 , 140, 312-323	10.3	65
215	Design of environmental flow regimes to maintain lakes and wetlands in regions with high seasonal irrigation demand. 2017 , 100, 120-129		29
214	Land suitability evaluation for changing spatial organization in Urmia County towards conservation of Urmia Lake. 2017 , 81, 1-12		20
213	Apple orchard phenology response to desiccation and temperature changes in Urmia Lake region. <i>International Journal of Environmental Science and Technology</i> , 2017 , 14, 1865-1878	3.3	6
212	Trace-element concentrations and water-soluble ions in size-segregated dust-borne and soil samples in Sistan, southeast Iran. 2017 , 25, 87-105		29
211	Systemic insights into agricultural groundwater management: case of Firuzabad Plain, Iran. 2017 , 19, 867-885		11
210	Change in annual precipitation in the northwest of Iran. 2017 , 24, 211-218		5
209	System Dynamics Evaluation of Climate Change Adaptation Strategies for Water Resources Management in Central Iran. <i>Water Resources Management</i> , 2017 , 31, 1413-1434	3.7	63
208	The ecohydrological vulnerability of a large inland delta to changing regional streamflows and upstream irrigation expansion. 2017 , 10, e1824		14

207	Analysis of land use and climate change impacts by comparing river flow records for headwaters and lowland reaches. 2017 , 158, 47-56		41
206	Quantifying Anthropogenic Stress on Groundwater Resources. <i>Scientific Reports</i> , 2017 , 7, 12910	4.9	60
205	Quantitative assessment of Urmia Lake water using spaceborne multisensor data and 3D modeling. 2017 , 189, 572		15
204	Development of a software tool for rapid, reproducible, and stakeholder-friendly dynamic coupling of system dynamics and physically-based models. <i>Environmental Modelling and Software</i> , 2017 , 96, 410-420	5.3	17
203	Analysis of the TSP, PM10 concentrations and water-soluble ionic species in airborne samples over Sistan, Iran during the summer dusty period. 2017 , 8, 403-417		29
202	Remotely-Sensed Early Warning Signals of a Critical Transition in a Wetland Ecosystem. 2017 , 9, 352		12
201	System Dynamics Modeling of Water Level Variations of Lake Issyk-Kul, Kyrgyzstan. <i>Water (Switzerland)</i> , 2017 , 9, 989	3	21
200	Analysis of decadal land cover changes and salinization in Urmia Lake Basin using remote sensing techniques. 2017 ,		14
199	Trend analysis of hydroclimatological variables in Urmia lake basin using hybrid wavelet Mann-Kendall and En tests. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	36
198	An estimation of tropospheric corrections using GPS and synoptic data: Improving Urmia Lake water level time series from Jason-2 and SARAL/AltiKa satellite altimetry. <i>Advances in Space Research</i> , 2018 , 61, 2406-2417	2.4	2
197	Modeling the dynamics of technological innovation system in the oil and gas sector. 2018 , 47, 771-800		2
196	Sustainable Delivery of Megaprojects in Iran: Integrated Model of Contextual Factors. 2018 , 34, 05017011		30
195	Climate and anthropogenic contributions to the desiccation of the second largest saline lake in the twentieth century. <i>Journal of Hydrology</i> , 2018 , 560, 342-353	6	83
194	The Lake Urmia environmental disaster in Iran: A look at aerosol pollution. <i>Science of the Total Environment</i> , 2018 , 633, 42-49	10.2	51
193	Meteorological factors affecting the sudden decline in Lake Urmia's water level. <i>Theoretical and Applied Climatology</i> , 2018 , 131, 641-651	3	28
192	Regionalization of precipitation characteristics in Iran's Lake Urmia basin. <i>Theoretical and Applied Climatology</i> , 2018 , 132, 363-373	3	34
191	The changes in the frequency of daily precipitation in Urmia Lake basin, Iran. <i>Theoretical and Applied Climatology</i> , 2018 , 133, 205-214	3	9
190	Stabilization of calcareous sand dunes using phosphoric acid mulching liquid. <i>Journal of Arid Environments</i> , 2018 , 148, 34-44	2.5	12

189	Investigation Anthropogenic Impacts and Climate Factors on Drying up of Urmia Lake using Water Budget and Drought Analysis. <i>Water Resources Management</i> , 2018 , 32, 325-337	3.7	59
188	The Vanishing of Urmia Lake: A Geolimnological Perspective on the Hydrological Imbalance of the World's Second Largest Hypersaline Lake. <i>Handbook of Environmental Chemistry</i> , 2018 , 1	0.8	8
187	Mineralogy and Geochemistry of Major, Trace and Rare Earth Elements in Sediments of the Hypersaline Urmia Salt Lake, Iran. 2018 , 92, 1384-1395		3
186	A new fuzzy measurement approach for automatic change detection using remotely sensed images. 2018 , 127, 1-14		11
185	Analysis of Effective Environmental Flow Release Strategies for Lake Urmia Restoration. <i>Water Resources Management</i> , 2018 , 32, 3595-3609	3.7	24
184	Long term groundwater balance and water quality monitoring in the eastern plains of Urmia Lake, Iran: A novel GIS based low cost approach. 2018 , 147, 11-19		13
183	On the Desiccation of the South Aral Sea Observed from Spaceborne Missions. 2018 , 10, 793		17
182	Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. 2018 , 13, 084010		63
181	Environmental and Economic Analysis of Saffron and Canola Production Systems: in East Azerbaijan Province of Iran. 2018 , 12, 73-83		2
180	Analysis of the Effects of Water Management Strategies and Climate Change on the Environmental and Agricultural Sustainability of Urmia Lake Basin, Iran. <i>Water (Switzerland)</i> , 2018 , 10, 160	3	35
179	Interaction of groundwater with Lake Urmia in Iran. 2018 , 32, 3283		33
178	Multi-Objective Surface Water Resource Management Considering Conflict Resolution and Utility Function Optimization. <i>Water Resources Management</i> , 2018 , 32, 4487-4509	3.7	9
177	A novel system dynamics model for the motors of a sectoral innovation system simulating and policymaking. 2018 , 10, 239-257		1
176	Sustainability assessment of restoration plans under climate change by using system dynamics: application on Urmia Lake, Iran. 2019 , 10, 938-952		10
175	Using the Hybrid Simulated Annealing-M5 Tree Algorithms to Extract the If-Then Operation Rules in a Single Reservoir. <i>Water Resources Management</i> , 2019 , 33, 3655-3672	3.7	8
174	A WEAP-MODFLOW surface water-groundwater model for the irrigated Miyandoab plain, Urmia lake basin, Iran: Multi-objective calibration and quantification of historical drought impacts. <i>Agricultural Water Management</i> , 2019 , 223, 105704	5.9	22
173	A systematic review of system dynamics and agent-based obesity models: Evaluating obesity as part of the global syndemic. 2019 , 20 Suppl 2, 161-178		16
172	Spatiotemporal variation of drying and salinity water basin on the quality of coastal aquifers using geographic information system. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	1

171	Trade-Offs between Human and Environment: Challenges for Regional Water Management under Changing Conditions. <i>Water (Switzerland)</i> , 2019 , 11, 1773	3	2
170	A hydrogeological-based multi-criteria method for assessing the vulnerability of coastal aquifers to saltwater intrusion. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	10
169	CALIPSO Recordings and Categorization of Atmospheric Aerosols over the Urmia Lake. 2019 , 99, 01005		2
168	Estimating evapotranspiration using METRIC model and Landsat data for better understandings of regional hydrology in the western Urmia Lake Basin. <i>Agricultural Water Management</i> , 2019 , 226, 105805	5.9	30
167	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	7.9	14
166	Linking Water Scarcity to Mental Health: HydroSocial Interruptions in the Lake Urmia Basin, Iran. <i>Water (Switzerland)</i> , 2019 , 11, 1092	3	17
165	Lake Urmia crisis and restoration plan: Planning without appropriate data and model is gambling. <i>Journal of Hydrology</i> , 2019 , 576, 639-651	6	32
164	Investigating the interaction between agricultural lands and Urmia Lake ecosystem using remote sensing techniques and hydro-climatic data analysis. <i>Agricultural Water Management</i> , 2019 , 221, 566-579	5.9	21
163	Modelling techno-sectoral innovation system. 2019 , 49, 332-361		2
162	Quantification of irrigation water using remote sensing of soil moisture in a semi-arid region. 2019 , 231, 111226		77
161	System Dynamics Review and publications 1985-2017: analysis, synthesis and contributions. 2019 , 35, 160-176		4
160	Lake Sibayi variations in response to climate variability in northern KwaZulu-Natal, South Africa. <i>Theoretical and Applied Climatology</i> , 2019 , 137, 1233-1245	3	4
159	Dynamic memory of Urmia Lake water-level fluctuations in hydroclimatic variables. <i>Theoretical and Applied Climatology</i> , 2019 , 138, 591-603	3	9
158	Introductory Chapter: Lake Urmia - A Witness to the Simultaneous Effects of Human Activities, Climate Change, and Global Warming. 2019 ,		
157	A system dynamics approach for basin policy design: Urmia lake case study. 2019 , 49, 1691-1720		0
156	Groundwater salinity and quality assessment using multivariate statistical and hydrogeochemical analysis along the Urmia Lake coastal in Azarshahr plain, North West of Iran. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	11
155	Quantitative analysis of water balance components in Lake Urmia, Iran using remote sensing technology. 2019 , 13, 389-400		17
154	Temporal dynamics of monthly evaporation in Lake Urmia. <i>Theoretical and Applied Climatology</i> , 2019 , 137, 2451-2462	3	8

153	Identifying representative watershed for the Urmia Lake Basin, Iran. 2018 , 191, 45		0
152	The role of environmental assessment (EA) in Iranian water management. 2019 , 37, 57-70		4
151	A framework for engaging stakeholders in water quality modeling and management: Application to the Qu'Appelle River Basin, Canada. <i>Journal of Environmental Management</i> , 2019 , 231, 1117-1126	7.9	18
150	Healthy diet: a step toward a sustainable diet by reducing water footprint. 2019 , 99, 3769-3775		5
149	Investigating the temporal and spatial variations of water consumption in Urmia Lake River Basin considering the climate and anthropogenic effects on the agriculture in the basin. <i>Agricultural Water Management</i> , 2019 , 213, 782-791	5.9	23
148	Climatic or regionally induced by humans? Tracing hydro-climatic and land-use changes to better understand the Lake Urmia tragedy. <i>Journal of Hydrology</i> , 2019 , 569, 203-217	6	122
147	Compounding effects of human activities and climatic changes on surface water availability in Iran. 2019 , 152, 379-391		49
146	Long-term exposures to Hypersaline particles associated with increased levels of Homocysteine and white blood cells: A case study among the village inhabitants around the semi-dried Lake Urmia. 2019 , 169, 631-639		11
145	Durability assessment of Gerdoi and red travertines from Azarshahr, East Azerbaijan province, Iran. <i>Bulletin of Engineering Geology and the Environment</i> , 2019 , 78, 1683-1695	4	6
144	The effect of long-term exposures to hypersaline particles originated from drying Urmia hypersaline Lake on the increased cardiovascular risks in the villagers around the Lake. 2020 , 26, 335-348		2
143	Desiccation crisis of saline lakes: A new decision-support framework for building resilience to climate change. <i>Science of the Total Environment</i> , 2020 , 703, 134718	10.2	17
142	The mediating role of farmers' time perspective in water resources exploitation behaviour in the eastern area of Lake Urmia, Iran: An environmental psychological analysis. 2020 , 34, 106-120		15
141	Scenario analysis for integrated water resources management under future land use change in the Urmia Lake region, Iran. 2020 , 90, 104299		35
140	A participatory system dynamics modeling approach to facilitate collaborative flood risk management: A case study in the Bradano River (Italy). <i>Journal of Hydrology</i> , 2020 , 580, 124354	6	17
139	The effect of the decreasing level of Urmia Lake on particulate matter trends and attributed health effects in Tabriz, Iran. 2020 , 153, 104434		7
138	A system dynamics model to quantify the impacts of restoration measures on the water-energy-food nexus in the Urmia lake Basin, Iran. <i>Science of the Total Environment</i> , 2020 , 708, 134874	10.2	43
137	Assessment of Water Storage Changes Using GRACE and GLDAS. <i>Water Resources Management</i> , 2020 , 34, 685-697	3.7	13
136	Numerical investigation of the effects of causeway opening configurations on horizontal currents of Lake Urmia. <i>International Journal of Environmental Science and Technology</i> , 2020 , 17, 1885-1898	3.3	2

135	Evaluating groundwater level and water-quality variation in Oshnaveh-Naqadeh Plain, Urmia Lake basin, northwestern Iran. 2020 , 4, 27-35		2
134	Integrated ecosystem services-based calculation of ecological water demand for a macrophyte-dominated shallow lake. 2020 , 21, e00858		10
133	Economic analysis of Water-Food-Energy Nexus in Gavkhuni basin in Iran. 2020 , 31, 14-25		4
132	Investigation and characterization of atmospheric aerosols over the Urmia Lake using the satellite data and synoptic recordings. 2020 , 11, 2076-2086		9
131	Evaluation of Water Sustainability under a Changing Climate in Zarrineh River Basin, Iran. <i>Water Resources Management</i> , 2020 , 34, 4831-4846	3-7	6
130	Application of irrigation and drinking water quality indices to monitor ground water quality using geographic information system: a case study of the basins around Urmia Lake, Iran. 2020 , 1-14		1
129	The Lake Urmia vignette: a tool to assess understanding of complexity in socio-environmental systems. 2020 , 36, 191-222		3
128	Monitoring Large-Scale Inland Water Dynamics by Fusing Sentinel-1 SAR and Sentinel-3 Altimetry Data and by Analyzing Causal Effects of Snowmelt. 2020 , 12, 3896		6
127	Statistical downscaling and projection of future temperature change for Tabriz city, Iran.. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 491, 012009	0-3	2
126	Worldwide lake level trends and responses to background climate variation. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 2593-2608	5-5	9
125	System dynamics applied to water management in lakes*. 2020 , 69, 956-966		3
124	Assessing the impact of climate change over the northwest of Iran: an overview of statistical downscaling methods. <i>Theoretical and Applied Climatology</i> , 2020 , 141, 1135-1150	3	10
123	A framework for Inclusive Multiple Modelling with critical views on modelling practices Applications to modelling water levels of Caspian Sea and Lakes Urmia and Van. <i>Journal of Hydrology</i> , 2020 , 587, 124923	6	23
122	Influence of lakebed sediment deposit on the interaction of hypersaline lake and groundwater: A simplified case of lake Urmia, Iran. <i>Journal of Hydrology</i> , 2020 , 588, 125110	6	10
121	Analyzing the Lake Urmia restoration progress using ground-based and spaceborne observations. <i>Science of the Total Environment</i> , 2020 , 739, 139857	10.2	23
120	Monitoring and Assessment of Water Level Fluctuations of the Lake Urmia and Its Environmental Consequences Using Multitemporal Landsat 7 ETM Images. 2020 , 17,		17
119	Environmental degradation at Lake Urmia (Iran): exploring the causes and their impacts on rural livelihoods. 2020 , 86, 2149		15
118	Climatization of environmental degradation: a widespread challenge to the integrity of earth science. <i>Hydrological Sciences Journal</i> , 2020 , 65, 867-883	3-5	6

117	Rivers' Temporal Sustainability through the Evaluation of Predictive Runoff Methods. <i>Sustainability</i> , 2020 , 12, 1720	3.6	9
116	Water level instability analysis of Urmia Lake Basin in the northwest of Iran. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	6
115	Development of a behaviour-pattern based global sensitivity analysis procedure for coupled socioeconomic and environmental models. <i>Journal of Hydrology</i> , 2020 , 585, 124745	6	1
114	Climate change or irrigated agriculture - what drives the water level decline of Lake Urmia. <i>Scientific Reports</i> , 2020 , 10, 236	4.9	38
113	Impacts of future climate and land use change on water yield in a semiarid basin in Iran. 2020 , 31, 1252-1264		16
112	Interaction of lake-groundwater levels using cross-correlation analysis: A case study of Lake Urmia Basin, Iran. <i>Science of the Total Environment</i> , 2020 , 729, 138822	10.2	12
111	Spatial distribution of iron forms and features in the dried lake bed of Urmia Lake of Iran. 2020 , 21, e00275		2
110	Estimating the ecological water levels of shallow lakes: a case study in Tangxun Lake, China. <i>Scientific Reports</i> , 2020 , 10, 5637	4.9	4
109	Reducing lake water-level decline by optimizing reservoir operating rule curves: A case study of the Three Gorges Reservoir and the Dongting Lake. <i>Journal of Cleaner Production</i> , 2020 , 264, 121676	10.3	13
108	Hydrogeochemical, isotopic and geophysical characterization of saline lake systems in semiarid regions: The Salada de Chiprana Lake, Northeastern Spain. <i>Science of the Total Environment</i> , 2020 , 728, 138848	10.2	5
107	Assessment of non-monetary facilities in Urmia Lake basin under PES scheme: a rehabilitation solution for the dry lake in Iran. 2021 , 23, 10141-10172		0
106	Modeling the volatility changes in Lake Urmia water level time series. <i>Theoretical and Applied Climatology</i> , 2021 , 143, 61-72	3	9
105	Nano-fertilizers improved drought tolerance in wheat under deficit irrigation. <i>Agricultural Water Management</i> , 2021 , 244, 106544	5.9	21
104	System dynamics to assess the effectiveness of restoration scenarios for the Urmia Lake: A prey-predator approach for the human-environment uncertain interactions. <i>Journal of Hydrology</i> , 2021 , 593, 125891	6	6
103	Study of Water-Environmental Conflicts as a Dynamic and Complex Human-Natural System: A New Perspective. 2021 , 113-127		
102	Environmental impact assessment of salt harvesting from the salt lakes. 2021 , 19, 365-377		0
101	Global and Regional Signals in the Water Level Variation in Hypersaline Basin of the Lake Urmia. <i>Handbook of Environmental Chemistry</i> , 2021 , 1	0.8	1
100	How successful have the lockdowns been in controlling the (COVID-19/SARS-CoV-2) pandemic? A simulation-based analysis. 2021 , 12, 2041002		0

99	Assessment of Climate Change Impacts on Drought and Wet Spells in Lake Urmia Basin. 2021 , 178, 545-563		5
98	Analysis of the Long-Term Trend of Temperature, Precipitation, and Dominant Atmospheric Phenomena in Lake Urmia. <i>Handbook of Environmental Chemistry</i> , 2021 , 1	0.8	1
97	Lake Hydro-morphodynamic Processes of the Changjiang River. 2021 , 73-132		
96	Freshwater Management and Conservation in Iran: Past, Present, and Future. 2021 , 1507-1533		0
95	An Integrated System Dynamics Model to Predict the Effects of Management Scenarios on Economic Assessment of Water and Soil Resources in Hableh-Rud River Basin, Iran. 2021 , 25-36		1
94	Safety design for rivers-connected lake flood control based on Copula function: A case study of Lake Hongze. 2021 , 33, 879-892		
93	Mercury pollution in the coastal Urmia aquifer in northwestern Iran: potential sources, mobility, and toxicity. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 17546-17562	5.1	22
92	Optimization of agricultural patterns based on virtual water considerations through integrated water resources management modeling. 1-9		1
91	Recent changes in physical properties of the land surface and their effects on dust events in different climatic regions of Iran. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	5
90	Research on stage-divided water level prediction technology of rivers-connected lake based on machine learning: a case study of Hongze Lake, China. 2021 , 35, 2049-2065		3
89	Water management or megadrought: what caused the Chilean Aculeo Lake drying?. 2021 , 21, 1		5
88	Depositional environments and salt-thickness variations in Urmia Lake (NW Iran): Insight from sediment-core studies. 2021 , 91, 296-316		1
87	Quantifying and projection of the relative impacts of climate change and direct human activities on streamflow fluctuations. 2021 , 165, 1		2
86	Quantifying streamflow drivers by anthropogenic time series attribution method in human-nature system. <i>Theoretical and Applied Climatology</i> , 2021 , 144, 1335-1348		3
85	Mapping the spatiotemporal variability of salinity in the hypersaline Lake Urmia using Sentinel-2 and Landsat-8 imagery. <i>Journal of Hydrology</i> , 2021 , 595, 126032	6	6
84	Hybridization of artificial intelligence models with nature inspired optimization algorithms for lake water level prediction and uncertainty analysis. 2021 , 60, 2193-2208		21
83	Remotely-Sensed Ecosystem Health Assessment (RSEHA) model for assessing the changes of ecosystem health of Lake Urmia Basin. 1-26		2
82	Analysis and prediction of land cover changes using the land change modeler (LCM) in a semiarid river basin, Iran. 2021 , 32, 3092-3105		4

81	Environmental effects of the causeway on water and salinity balance in Lake Urmia. 2021 , 44, 101756		2
80	Safety design for water-carrying Lake flood control based on copula function: A Case study of the Hongze Lake, China. <i>Journal of Hydrology</i> , 2021 , 597, 126188	6	3
79	Spatial and temporal assessment of groundwater quality and hydrogeochemical processes in Urmia Lake Basin, Iran.		1
78	A quantitative approach to resource effectiveness assessment: Application in the Urmia Lake Basin. <i>Journal of Environmental Management</i> , 2021 , 289, 112559	7.9	1
77	Water level decline at Iran's Lake Urmia: changing population dynamics. <i>Environmental Hazards</i> , 1-20	4.2	1
76	Application of a land use change model to guide regional planning and development in the south basin of the Urmia Lake, Iran. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	0
75	Study of the Urmia Lake Dispute Using Incorporation of System Dynamics and Graph Model for Conflict Resolution Approaches. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2021 , 13, 04521010	1.7	1
74	Why is Lake Urmia Drying up? Prognostic Modeling With Land-Use Data and Artificial Neural Network. <i>Frontiers in Environmental Science</i> , 9,	4.8	3
73	Regressive-stochastic models for predicting water level in Lake Urmia. <i>Hydrological Sciences Journal</i>	3.5	3
72	The utility of a hybrid GEOMOD-Markov Chain model of land-use change in the context of highly water-demanding agriculture in a semi-arid region. <i>Ecological Informatics</i> , 2021 , 64, 101332	4.2	3
71	Conceptualization of the indirect link between climate variability and lake water level using conditional heteroscedasticity. <i>Hydrological Sciences Journal</i> , 1-17	3.5	3
70	Investigation of climate, land cover and lake level pattern changes and interactions using remotely sensed data and wavelet analysis. <i>Ecological Informatics</i> , 2021 , 64, 101330	4.2	4
69	Barriers impeding sustainable project management: A Social Network Analysis of the Iranian construction sector. <i>Journal of Cleaner Production</i> , 2021 , 318, 128405	10.3	3
68	Dried bottom of Urmia Lake as a new source of dust in the northwestern Iran: Understanding the impacts on local and regional air quality. <i>Atmospheric Environment</i> , 2021 , 262, 118635	5.3	2
67	A deep learning convolutional neural network algorithm for detecting saline flow sources and mapping the environmental impacts of the Urmia Lake drought in Iran. <i>Catena</i> , 2021 , 207, 105585	5.8	15
66	Contamination of water resources in and around saline lakes. 2021 , 19-29		
65	A System Dynamics Approach to Simulate the Restoration Plans for Urmia Lake, Iran. 2017 , 309-326		6
64	Lake water-level fluctuation forecasting using machine learning models: a systematic review. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 44807-44819	5.1	9

63	Drought Management: Current Challenges and Future Outlook. 2017 , 729-763		1
62	Making Formwork Design Lean. <i>Journal of Engineering, Project, and Production Management</i> , 2019 , 9, 29-47	0.8	2
61	Predicting ecosystem shift in a Salt Lake by using remote sensing indicators and spatial statistics methods (case study: Lake Urmia basin). <i>Environmental Engineering Research</i> , 2021 , 26, 200225-0	3.6	4
60	Quantifying the impacts of human water use and climate variations on recent drying of Lake Urmia basin: the value of different sets of spaceborne and in situ data for calibrating a global hydrological model. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 1939-1956	5.5	16
59	Assessing the performance of machine learning algorithms for soil salinity mapping in Google Earth Engine platform using Sentinel-2A and Landsat-8 OLI data. <i>Advances in Space Research</i> , 2021 ,	2.4	7
58	Iran's Capabilities in Health Tourism: Mud in Lake Urmia. <i>International Journal of Travel Medicine and Global Health</i> , 2015 , 3, 203-203	1	
57	Kevar Depresyonu İda (Fan) Arazi Kullanımındaki Değişimler ile Kuraklık Arasındaki İlişiler. <i>Kahramanmaraş Sütçü İmam Üniversitesi Tarih Ve Doğa Dergisi</i> ,		
56	Hydrographical and Physical-Geographical Characteristics of the Issyk-Kul Lake Basin and Use of Water Resources of the Basin, and Impact of Climate Change on It. <i>Water Resources Development and Management</i> , 2019 , 297-357	0.1	1
55	Assessment of agricultural development preventive policies for restoration of Urmia Lake in Barandoz Basin, Iran. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2021 , 24, 1103-1103	3.4	1
54	Climate change or regional human impacts? Remote sensing tools, artificial neural networks, and wavelet approaches aim to solve the problem. 2021 , 52, 176-195		4
53	Simulation and optimization of control system operation and surface water allocation based on system dynamics modeling. <i>Journal of Hydroinformatics</i> , 2021 , 23, 211-230	2.6	4
52	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	2.5	4
51	An uncertainty-based framework for evaluating and improving the long-term resilience of lakes under anthropogenic droughts. <i>Journal of Environmental Management</i> , 2022 , 301, 113900	7.9	2
50	Monitoring Atmospheric Aerosols Over the Urmia Lake by CALIPSO and a Ground Based Depolarized Lidar. <i>EPJ Web of Conferences</i> , 2020 , 237, 02025	0.3	1
49	Changing Causes of Drought in the Urmia Lake Basin: Increasing Influence of Evaporation and Disappearing Snow Cover. <i>Water (Switzerland)</i> , 2021 , 13, 3273	3	1
48	Satellite-based monitoring of lake Urmia basin health with focus on its ecosystem regulating services by applying total ecosystem health (TEH) model. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	0
47	Machine learning data-driven approaches for land use/cover mapping and trend analysis using Google Earth Engine. <i>Journal of Environmental Planning and Management</i> , 1-33	2.8	15
46	A quantile-based realization of the indirect-link between large-scale atmospheric oscillation and lake water level. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	

45	Hydroclimate of the Lake Urmia Catchment Area: A Brief Overview. <i>Handbook of Environmental Chemistry</i> , 2021 ,	0.8	
44	Linking SpatialTemporal Changes of Vegetation Cover with Hydroclimatological Variables in Terrestrial Environments with a Focus on the Lake Urmia Basin. <i>Land</i> , 2022 , 11, 115	3.5	1
43	Assessing climate and human activity effects on lake characteristics using spatio-temporal satellite data and an emotional neural network. <i>Environmental Earth Sciences</i> , 2022 , 81, 1	2.9	2
42	Investigating the changes in agricultural land use and actual evapotranspiration of the Urmia Lake basin based on FAO's WaPOR database. <i>Agricultural Water Management</i> , 2022 , 264, 107509	5.9	2
41	Institutional analysis of organizations active in the restoration of Lake Urmia: the application of the social network analysis approach. <i>Hydrological Sciences Journal</i> , 1-14	3.5	2
40	Hydrogeological assessment and estimation of groundwater inflow into the water transmission tunnel to Urmia Lake, Northwestern Iran. <i>Bulletin of Engineering Geology and the Environment</i> , 2022 , 81, 1	4	1
39	What Drive Regional Changes in the Number and Surface Area of Lakes Across the Yangtze River Basin During 2000-2019: Human or Climatic Factors?. <i>Water Resources Research</i> , 2022 , 58,	5.4	2
38	Policy-Making toward Integrated Water Resources Management of Zarrine River Basin via System Dynamics Approach under Climate Change Impact. <i>Sustainability</i> , 2022 , 14, 3376	3.6	2
37	Estimation of Tasuj aquifer response to main meteorological parameter variations under Shared Socioeconomic Pathways scenarios. <i>Theoretical and Applied Climatology</i> , 1	3	0
36	Wet Scavenging in Removing Chemical Compositions and Aerosols: A Case Study Over the Lake Urmia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022 , 127,	4.4	0
35	Quantifying lake-aquifer water exchange: the case of Lake Urmia, Iran. <i>Hydrological Sciences Journal</i> , 1-16	3.5	0
34	40-years of Lake Urmia restoration research: Review, synthesis and next steps.. <i>Science of the Total Environment</i> , 2022 , 832, 155055	10.2	3
33	System dynamics modeling of lake water management under climate change.. <i>Scientific Reports</i> , 2022 , 12, 5828	4.9	1
32	Monitoring and Predicting Temporal Changes of Urmia Lake and its Basin Using Satellite Multi-Sensor Data and Deep-Learning Algorithms. <i>PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science</i> , 1	2.9	
31	A stakeholder-based framework for improving the resilience of groundwater resources in arid regions. <i>Journal of Hydrology</i> , 2022 , 609, 127737	6	1
30	Evapotranspiration estimation of Urmia Lake Basin using GCOM-C thermal imagery. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 958, 012010	0.3	
29	A statistical method for pre-estimating impacts from a disaster: A case study of floods in Kaduwela, Sri Lanka. <i>International Journal of Disaster Risk Reduction</i> , 2022 , 103010	4.5	0
28	Investigating meteorological/groundwater droughts by copula to study anthropogenic impacts.. <i>Scientific Reports</i> , 2022 , 12, 8285	4.9	0

27	Fast multi-output relevance vector regression for joint groundwater and lake water depth modeling. <i>Environmental Modelling and Software</i> , 2022 , 154, 105425	5.2	0
26	Studying the Changes in the Hydro-Meteorological Components of Water Budget in Lake Urmia. <i>Water Resources Research</i> ,	5.4	0
25	ERA5 and ERA-Interim Data Processing for the GlobWat Global Hydrological Model. <i>Water (Switzerland)</i> , 2022 , 14, 1950	3	
24	Anthropogenic Influence on Terrestrial Hydrology. 2022 , 283-298		
23	What dominates sustainability in endorheic regions?. <i>Science Bulletin</i> , 2022 ,	10.6	1
22	Medium- and Long-Term Planning of an Integrated Eco-Compensation System Considering Ecological Water Demand under Uncertainty: A Case Study of Daguhe Watershed in China. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022 , 148,	2.8	0
21	Promoting Climate Resilient Sustainable Agriculture through Participatory System Dynamics with Crop-Water-Income Dynamics.		1
20	Satellite based lake bed elevation model of Lake Urmia using time series of Landsat imagery. 2022 ,		0
19	Long-Term Investigation of Aerosols in the Urmia Lake Region in the Middle East by Ground-Based and Satellite Data in 2000-2021. 2022 , 14, 3827		0
18	System Thinking Approach toward Reclamation of Regional Water Management under Changing Climate Conditions. 2022 , 14, 9411		
17	Unsustainable Anthropogenic Activities: A Paired Watershed Approach of Lake Urmia (Iran) and Lake Van (Turkey). 2022 , 14, 5269		1
16	A comparative study of the surface level changes of Urmia Lake and Aral Lake during the period of 1988 to 2018 using satellite images.		0
15	Evaporation from the dried-up lake bed of Lake Urmia, Iran. 2023 , 858, 159960		0
14	A Z-number based multi-attribute decision-making algorithm for hydro-environmental system management.		0
13	Multiple kernel fusion: A novel approach for lake water depth modeling. 2023 , 217, 114856		0
12	The Great Salt Lake Water Level is Becoming Less Resilient to Climate Change.		1
11	A System Dynamics model for the water balance of Lake Bracciano (Lazio, Italy).		0
10	Institutional Trust and Cognitive Motivation toward Water Conservation in the Face of an Environmental Disaster. 2023 , 15, 900		0

9	Spatiotemporal changes in Iranian rivers discharge. 2023 , 11,	2
8	Health effects of shrinking hyper-saline lakes: spatiotemporal modeling of the Lake Urmia drought on the local population, case study of the Shabestar County. 2023 , 13,	0
7	Morphology of transition pathway matters: System dynamics to assess alternative livelihood policy towards groundwater sustainability. 2023 , 21, 100928	1
6	Spatio-temporal analysis of climate and irrigated vegetation cover changes and their role in lake water level depletion using a pixel-based approach and canonical correlation analysis. 2023 , 873, 162326	0
5	Enhancing the resilience of ecosystem services under extreme events in socio-hydrological systems: A spatio-temporal analysis. 2023 , 397, 136437	0
4	Interactions Between Changing Climates and Land Uses: The Case of Urmia Lake, Iran. 2023 , 139-159	0
3	Coupled water and salt balance models for Lake Urmia: Salt precipitation and dissolution effects. 2023 ,	0
2	Developing a Model for the Integrated Management of Water and Soil Resources in the Hableh-Rud River Basin Using the System Dynamics Approach. 2021 , 12, 119-129	0
1	Projection of Future Meteorological Droughts in Lake Urmia Basin, Iran. 2023 , 15, 1558	0