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## The carbon footprint of water management policy options

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#	Paper	IF	Citations
99	Estimating annual precipitation for the Colorado River Basin using oceanic-atmospheric oscillations. <i>Water Resources Research</i> , <b>2012</b> , 48,	5.4	51
98	Synthesis of System Dynamics Tools for Holistic Conceptualization of Water Resources Problems. <i>Water Resources Management</i> , <b>2012</b> , 26, 2421-2442	3.7	193
97	Changing climatic conditions in the Colorado River Basin: Implications for water resources management. <i>Journal of Hydrology</i> , <b>2012</b> , 430-431, 127-141	6	92
96	Using large-scale climatic patterns for improving long lead time streamflow forecasts for Gunnison and San Juan River Basins. <i>Hydrological Processes</i> , <b>2013</b> , 27, 1543-1559	3.3	56
95	Increasing streamflow forecast lead time for snowmelt-driven catchment based on large-scale climate patterns. <i>Advances in Water Resources</i> , <b>2013</b> , 53, 150-162	4.7	67
94	Evaluating water conservation and reuse policies using a dynamic water balance model. <i>Environmental Management</i> , <b>2013</b> , 51, 449-58	3.1	57
93	A Dynamic Model for Vulnerability Assessment of Regional Water Resources in Arid Areas: A Case Study of Bayingolin, China. <i>Water Resources Management</i> , <b>2013</b> , 27, 3085-3101	3.7	86
92	Using Paleo Reconstructions to Improve Streamflow Forecast Lead Time in the Western United States. <i>Journal of the American Water Resources Association</i> , <b>2013</b> , 49, 1351-1366	2.1	35
91	Sustainability. <i>Water Environment Research</i> , <b>2013</b> , 85, 1354-1376	2.8	4
90	Drops of energy: conserving urban water to reduce greenhouse gas emissions. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 10753-61	10.3	68
89	Evaluating the impact of demand-side management on water resources under changing climatic conditions and increasing population. <i>Journal of Environmental Management</i> , <b>2013</b> , 114, 261-75	7.9	117
88	Improving Streamflow Forecast Lead Time Using Oceanic-Atmospheric Oscillations for Kaidu River Basin, Xinjiang, China. <i>Journal of Hydrologic Engineering - ASCE</i> , <b>2013</b> , 18, 1031-1040	1.8	52
87	COMPARATIVE EVALUATION OF IMPLEMENTING PARTICIPATORY IRRIGATION MANAGEMENT IN PUNJAB, PAKISTAN. <i>Irrigation and Drainage</i> , <b>2014</b> , 63, 315-327	1.1	11
86	Drought forecasting in a semi-arid watershed using climate signals: a neuro-fuzzy modeling approach. <i>Journal of Mountain Science</i> , <b>2014</b> , 11, 1593-1605	2.1	67
85	Energy recovery in the water industry using micro-hydropower: an opportunity to improve sustainability. <i>Water Policy</i> , <b>2014</b> , 16, 168-183	1.6	86
84	Evaluating the effect of persistence on long-term trends and analyzing step changes in streamflows of the continental United States. <i>Journal of Hydrology</i> , <b>2014</b> , 517, 36-53	6	118
83	Energy and hydraulic efficiency in conventional water supply systems. <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 30, 701-714	16.2	56

82	Development of an evaluation method for hydropower energy recovery in wastewater treatment plants: Case studies in Ireland and the UK. <i>Sustainable Energy Technologies and Assessments</i> , <b>2014</b> , 7, 166-177	4.7	42
81	Modeling Streamflow Dominated by Snowmelt in an Ungauged Basin in Northwestern China. <b>2014</b> ,		
80	Relating Temperature Trends to Urban Change and NDVI in Las Vegas. <b>2014</b> ,		2
79	Improving Streamflow Reconstructions Using Oceanic-Atmospheric Climate Variability. <b>2014</b> ,		4
78	Investigation of the Linkages between Oceanic Atmospheric Variability and Continental U.S. Streamflow. <b>2014</b> ,		1
77	Distributed Hydrological Modeling for a Snow Dominant Watershed Using a Precipitation and Runoff Modeling System. <b>2015</b> ,		3
76	Insights into Reconstructing Sacramento River Flow Using Tree Rings and Pacific Ocean Climate Variability. <b>2015</b> ,		4
75	Water-Energy-Carbon nexus: a case study of Bangkok. <i>Water Science and Technology: Water Supply</i> , <b>2015</b> , 15, 889-897	1.4	2
74	Global Energy Development and Climate-Induced Water Scarcity-Physical Limits, Sectoral Constraints, and Policy Imperatives. <i>Energies</i> , <b>2015</b> , 8, 8211-8225	3.1	27
73	Evaluating the Relationship between Western U.S. Streamflow and Pacific Ocean Climate Variability. <b>2015</b> ,		
72	Spectral Analysis of Streamflow for Continental U.S.A.. <b>2015</b> ,		
71	Spatial and Temporal Evaluation of Hydroclimatic Variables in the Colorado River Basin. <b>2015</b> ,		
70	Characteristics of direct CO2 emissions in four full-scale wastewater treatment plants. <i>Desalination and Water Treatment</i> , <b>2015</b> , 54, 1070-1079		19
69	Methodology to calculate the carbon footprint of household land use in the urban planning stage. <i>Land Use Policy</i> , <b>2015</b> , 48, 223-235	5.6	8
68	Exploring the water-energy nexus in Brazil: The electricity use for water supply. <i>Energy</i> , <b>2015</b> , 85, 415-432	7.9	65
67	Interconnections between oceanic-atmospheric indices and variability in the U.S. streamflow. <i>Journal of Hydrology</i> , <b>2015</b> , 525, 724-736	6	58
66	Urban planning and industry in Spain: A novel methodology for calculating industrial carbon footprints. <i>Energy Policy</i> , <b>2015</b> , 83, 57-68	7.2	14
65	Dynamics model to simulate water and salt balance of Bosten Lake in Xinjiang, China. <i>Environmental Earth Sciences</i> , <b>2015</b> , 74, 2499-2510	2.9	42

64	Exploring Water Management Strategies in an Inland Arid Area Using Dynamic Simulation Model. <b>2015,</b>		
63	Calculation of Carbon Footprints for Water Diversion and Desalination Projects. <i>Energy Procedia</i> , <b>2015</b> , 75, 2483-2494	2.3	40
62	Pacific Ocean SST and Z500 climate variability and western U.S. seasonal streamflow. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 1515-1533	3.5	47
61	Analysis of Water Availability and Use for Solar Power Production in Nevada. <b>2016,</b>		3
60	World Environmental and Water Resources Congress 2016. <b>2016,</b>		
59	Effect of the tap water supply system on China's economy and energy consumption, and its emissions impact. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 64, 660-671	16.2	17
58	Long-range precipitation forecasts using paleoclimate reconstructions in the western United States. <i>Journal of Mountain Science</i> , <b>2016</b> , 13, 614-632	2.1	27
57	Simulating low and high streamflow driven by snowmelt in an insufficiently gauged alpine basin. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2016</b> , 30, 59-75	3.5	36
56	Performance indicators matrix as a methodology for energy management in municipal water services. <i>Journal of Cleaner Production</i> , <b>2016</b> , 125, 108-120	10.3	23
55	Quantifying pathogen risks associated with potable reuse: A risk assessment case study for <i>Cryptosporidium</i> . <i>Water Research</i> , <b>2017</b> , 119, 252-266	12.5	37
54	Wavelet analyses of western US streamflow with ENSO and PDO. <i>Journal of Water and Climate Change</i> , <b>2017</b> , 8, 26-39	2.3	41
53	Using Distributed Solar for Treatment of Drinking Water in Developing Countries. <b>2017,</b>		7
52	A dynamic model for exploring water-resource management scenarios in an inland arid area: Shanshan County, Northwestern China. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 1039-1057	2.1	32
51	World Environmental and Water Resources Congress 2017. <b>2017,</b>		1
50	System Dynamics Modeling of Water Level Variations of Lake Issyk-Kul, Kyrgyzstan. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 989	3	21
49	Evaluating the Feasibility of Photovoltaic-Based Plant for Potable Water Treatment. <b>2017,</b>		4
48	Multi-Scale Correlation Analyses between California Streamflow and ENSO/PDO. <b>2017,</b>		
47	Water and energy saving potential by adopting pressure-reducing measures in high-rise building: A case analysis. <i>Building Services Engineering Research and Technology</i> , <b>2018</b> , 39, 505-517	2.3	4

46	Analyzing land and water requirements for solar deployment in the Southwestern United States. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 82, 3288-3305	16.2	42
45	Water Sharing, Governance, and Management among the Provinces in Pakistan Using Evidence-Based Decision Support System. <b>2018</b> ,		1
44	World Environmental and Water Resources Congress 2018. <b>2018</b> ,		
43	Financial Management of a Hypothetical Water Network Using System Dynamics. <b>2018</b> ,		2
42	Understanding the water-energy nexus in urban water supply systems with city features. <i>Energy Procedia</i> , <b>2018</b> , 152, 265-270	2.3	6
41	Sustainable Desalination of Brackish Groundwater for the Las Vegas Valley. <b>2018</b> ,		3
40	Reservoir Regulations of the Indus River Basin under Different Flow Conditions. <b>2018</b> ,		0
39	Life Cycle Energy Analysis of Reclaimed Water Reuse Projects in Beijing. <i>Water Environment Research</i> , <b>2018</b> , 90, 13-20	2.8	4
38	Dynamic Simulation of Lake Mead Water Levels in Response to Climate Change and Varying Demands. <b>2018</b> ,		1
37	A Dynamic Simulation Approach to Analyze Hydro-Electric Energy Production under Variable Flow and Demand Conditions. <b>2018</b> ,		1
36	World Environmental and Water Resources Congress 2018. <b>2018</b> ,		
35	Application of GIS and Remote Sensing for Identification of Potential Runoff Harvesting Sites: A Case Study of Karoonjhar Mountainous Area, Pakistan. <b>2018</b> ,		1
34	Urban water security: A review. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 053002	6.2	136
33	Niches for bioelectrochemical systems on the recovery of water, carbon and nitrogen in wastewater treatment plants. <i>Biomass and Bioenergy</i> , <b>2019</b> , 130, 105380	5.3	7
32	Baseline carbon emission assessment in water utilities in Jordan using ECAM tool. <b>2019</b> , 68, 460-473		11
31	Water Quality Modeling of Mahabad Dam Watershed Reservoir System under Climate Change Conditions, Using SWAT and System Dynamics. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 394	3	29
30	Water-Energy nexus of the Eastern Route of China's South-to-North Water Transfer Project. <i>Water Policy</i> , <b>2019</b> , 21, 945-963	1.6	3
29	Urban Heat Island Intensity Mapping of Las Vegas Using Landsat Thermal Infrared Data. <b>2019</b> ,		

28	Coupling economic models and environmental assessment methods to support regional policies: A critical review. <i>Journal of Cleaner Production</i> , <b>2019</b> , 216, 408-421	10.3	30
27	The Impact of Advanced Treatment Technologies on the Energy Use in Satellite Water Reuse Plants. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 366	3	6
26	Design Aspects, Energy Consumption Evaluation, and Offset for Drinking Water Treatment Operation. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1772	3	3
25	Infrastructure Development in Closed River Basin: Impact Assessment Analysis on Lower Indus Basin. <b>2020</b> ,		
24	An Analysis of Energy Consumption and the Use of Renewables for a Small Drinking Water Treatment Plant. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 28	3	11
23	Future Changes in Water Supply and Demand for Las Vegas Valley: A System Dynamic Approach based on CMIP3 and CMIP5 Climate Projections. <i>Hydrology</i> , <b>2020</b> , 7, 16	2.8	8
22	Water -energy -carbon nexus approach for sustainable large-scale drinking water treatment operation. <i>Journal of Hydrology</i> , <b>2020</b> , 587, 124953	6	10
21	Renewable Energy Generation and GHG Emission Reduction Potential of a Satellite Water Reuse Plant by Using Solar Photovoltaics and Anaerobic Digestion. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 635	3	1
20	Assessing Spatiotemporal Change in Land Cover and Total Dissolved Solids Concentration Using Remote Sensing Data. <b>2021</b> ,		
19	Performance indicators-based energy sustainability in urban water distribution networks: A state-of-art review and conceptual framework. <i>Sustainable Cities and Society</i> , <b>2021</b> , 72, 103036	10.1	4
18	System Dynamics Approach for Water Resources Systems Analysis. <i>Springer Water</i> , <b>2021</b> , 153-176	0.3	
17	A review of energy-for-water data in energy-water nexus publications. <i>Environmental Research Letters</i> , <b>2021</b> , 15, 123011	6.2	3
16	Interconnections between oceanic-atmospheric indices and variability in the U.S. streamflow. <i>Journal of Hydrology</i> , <b>2015</b> , 525, 724-736	6	48
15	Simulating low and high streamflow driven by snowmelt in an insufficiently gauged alpine basin. <b>2016</b> , 30, 59		3
14	Long-range precipitation forecasts using paleoclimate reconstructions in the western United States. <b>2016</b> , 13, 614		3
13	A dynamic model for exploring water-resource management scenarios in an inland arid area: Shanshan County, Northwestern China. <b>2017</b> , 14, 1039		5
12	Dynamics model to simulate water and salt balance of Bosten Lake in Xinjiang, China. <b>2015</b> , 74, 2499		1
11	Assessment of sustainability index for rural water management using ANN. <i>Water Science and Technology: Water Supply</i> ,	1.4	1

10	Pump-as-turbine for energy recovery in municipal water supply networks. A review. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2021</b> , 43, 1	2	1
9	Incorporating Climate Variability in a Nonparametric Modeling Framework for Improving Hydrologic Predictions. <b>2014</b> ,		
8	Simulation of Snow Ablation Processes in the Upstream of Kunes River, Yili Valley, Xinjiang. <b>2015</b> ,		
7	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> , <b>2019</b> , 297-357	0.1	1
6	A review of low head hydropower at wastewater treatment works and development of an evaluation framework for South Africa. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 159, 112216	16.2	0
5	Contribution of nitrous oxide to the carbon footprint of full-scale wastewater treatment plants and mitigation strategies- a critical review. <b>2022</b> , 314, 120295		0
4	Matching crop row and dripline distance in subsurface drip irrigation increases yield and mitigates N <sub>2</sub> O emissions. <b>2022</b> , 289, 108732		0
3	Water and Carbon Footprints for the Control of Wastewater Treatment Plants. <b>2022</b> , 111-113		0
2	Dynamic life cycle assessment for water treatment implications. <b>2022</b> , 160224		1
1	Critical Analysis of the GreenMetric World University Ranking System: The Issue of Comparability. <b>2023</b> , 15, 1343		0