

Damming the prairie: Human alteration of Great Plains

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Valuing hydrological alteration in multi-objective water resources management. <i>Journal of Hydrology</i> , 2012, 472-473, 277-286.	5.4	32
2	Hydrologic response to climate change and human activities in a subtropical coastal watershed of southeast China. <i>Regional Environmental Change</i> , 2013, 13, 1195-1210.	2.9	30
3	On quantifying ecologically sustainable flow releases in a diverted river reach. <i>Journal of Hydrology</i> , 2013, 489, 98-107.	5.4	38
4	Sampling Efficiency of the Moore Egg Collector. <i>North American Journal of Fisheries Management</i> , 2013, 33, 79-88.	1.0	6
5	Interacting Effects of Discharge and Channel Morphology on Transport of Semibuoyant Fish Eggs in Large, Altered River Systems. <i>PLoS ONE</i> , 2014, 9, e96599.	2.5	25
6	Comparative riverscape genetics reveals reservoirs of genetic diversity for conservation and restoration of Great Plains fishes. <i>Molecular Ecology</i> , 2014, 23, 5663-5679.	3.9	37
7	Longitudinal variability in hydraulic geometry and substrate characteristics of a Great Plains sand-bed river. <i>Geomorphology</i> , 2014, 210, 48-58.	2.6	50
8	Trends in nutrient and sediment retention in Great Plains reservoirs (USA). <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1143-1155.	2.7	25
9	Effects of a "natural" flood event on the riparian ecosystem of a regulated large river system: the 2011 flood on the Missouri River, USA. <i>Ecohydrology</i> , 2015, 8, 812-824.	2.4	39
10	Transient response of <i>Salix</i> cuttings to changing water level regimes. <i>Water Resources Research</i> , 2015, 51, 1758-1774.	4.2	16
11	Fragmentation and drying ratchet down Great Plains stream fish diversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 639-655.	2.0	99
12	Fundamental spatial and temporal disconnections in the hydrology of an intermittent prairie headwater network. <i>Journal of Hydrology</i> , 2015, 522, 305-316.	5.4	45
13	Fragmentation and dewatering transform Great Plains stream fish communities. <i>Ecological Monographs</i> , 2015, 85, 73-92.	5.4	148
14	Assessing temporal and spatial alterations of flow regimes in the regulated Huai River Basin, China. <i>Journal of Hydrology</i> , 2015, 529, 384-397.	5.4	31
15	Effects of a diversion hydropower facility on the hydrological regime of the Correntes River, a tributary to the Pantanal floodplain, Brazil. <i>Journal of Hydrology</i> , 2015, 531, 810-820.	5.4	56
16	Multiple Changes in the Hydrologic Regime of the Yangtze River and the Possible Impact of Reservoirs. <i>Water (Switzerland)</i> , 2016, 8, 408.	2.7	5
17	Quantification of Climate Changes and Human Activities That Impact Runoff in the Taihu Lake Basin, China. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-7.	1.1	17
18	Hydrologic Alteration Associated with Dam Construction in a Medium-Sized Coastal Watershed of Southeast China. <i>Water (Switzerland)</i> , 2016, 8, 317.	2.7	34

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19	Landscape and flow metrics affecting the distribution of a federally-threatened fish: Improving management, model fit, and model transferability. <i>Ecological Modelling</i> , 2016, 342, 1-18.	2.5	24
20	Preliminary Findings for a Relationship between Instream Flow and Shoal Chub Recruitment in the Lower Brazos River, Texas. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 943-950.	1.4	10
21	Enhancing mud supply from the Lower Missouri River to the Mississippi River Delta USA: Dam bypassing and coastal restoration. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 183, 304-313.	2.1	33
22	Rapid Response of a Sand-Dominated River to Installation and Removal of a Temporary Run-of-the-River Dam. <i>River Research and Applications</i> , 2016, 32, 110-124.	1.7	9
23	Channel morphology and flow structure of an abandoned channel under varying stages. <i>Water Resources Research</i> , 2016, 52, 5458-5472.	4.2	29
24	Assessing hydrologic alteration: Evaluation of different alternatives according to data availability. <i>Ecological Indicators</i> , 2016, 60, 470-482.	6.3	33
25	Stream flow changes across North Carolina (USA) 1955-2012 with implications for environmental flow management. <i>Geomorphology</i> , 2016, 252, 171-184.	2.6	15
26	Collapsing Range of an Endemic Great Plains Minnow, Peppered Chub <i>Macrhybopsis tetranema</i> . <i>American Midland Naturalist</i> , 2017, 177, 57-68.	0.4	19
27	A Histogram Comparison Approach for Assessing Hydrologic Regime Alteration. <i>River Research and Applications</i> , 2017, 33, 809-822.	1.7	15
28	Assessment of multi-objective reservoir operation in the middle and lower Yangtze River based on a flow regime influenced by the Three Gorges Project. <i>Ecological Informatics</i> , 2017, 38, 115-125.	5.2	20
29	High value of ecological information for river connectivity restoration. <i>Landscape Ecology</i> , 2017, 32, 2327-2336.	4.2	11
30	Assessment of Hydrologic Alterations in Elbe and Rhine Rivers, Germany. <i>Water (Switzerland)</i> , 2017, 9, 684.	2.7	28
31	Projected climate change impacts on hydrologic flow regimes in the Great Plains of Kansas. <i>River Research and Applications</i> , 2018, 34, 195-206.	1.7	15
32	Large wood distribution, mobility, and recruitment in an inter-dam river reach: A comparison with geomorphic process on the Garrison Reach of the Missouri River pre and post the historical 2011 flood. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1677-1688.	2.5	3
33	Quantifying Seining Detection Probability for Fishes of Great Plains Sand-Bed Rivers. <i>Transactions of the American Fisheries Society</i> , 2018, 147, 329-341.	1.4	10
34	The emblematic minnows of the North American Great Plains: A synthesis of threats and conservation opportunities. <i>Fish and Fisheries</i> , 2018, 19, 271-307.	5.3	42
35	Opportunities for collaboration between infrastructure agencies and conservation groups: Road-stream crossings in Oklahoma. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 63, 622-631.	6.8	7
36	Extreme drought causes fish recruitment failure in a fragmented Great Plains riverscape. <i>Ecohydrology</i> , 2019, 12, e2120.	2.4	36

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37	Assessment of large-scale patterns of hydrological alteration caused by dams. <i>Journal of Hydrology</i> , 2019, 572, 706-718.	5.4	39
38	Hierarchy theory reveals multiscale predictors of Arkansas darter (<i>Etheostoma cragini</i>) abundance in a Great Plains riverscape. <i>Freshwater Biology</i> , 2019, 64, 659-670.	2.4	8
39	Evaluating effects of dam operation on flow regimes and riverbed adaptation to those changes. <i>Science of the Total Environment</i> , 2020, 710, 136202.	8.0	92
40	Effects of transportation infrastructure on fishes in the Ozark and Ouachita Mountains. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 86, 102451.	6.8	5
41	Return of Topeka Shiner (<i>Notropis topeka</i>) to Restored Oxbows in the White Fox Creek Watershed, Iowa, USA. <i>Journal of the Iowa Academy of Science</i> , 2021, 128, 3-6.	0.5	5
42	Hydrological simulation of the Jialing River Basin using the MIKE SHE model in changing climate. <i>Journal of Water and Climate Change</i> , 2021, 12, 2495-2514.	2.9	22
43	Dams and Climate Interact to Alter River Flow Regimes Across the United States. <i>Earth's Future</i> , 2021, 9, e2020EF001816.	6.3	30
44	INVESTIGAÇÃO DO ESTADO DA CONDIÇÃO TRÁFICA DO RESERVATÓRIO DE ABASTECIMENTO DE ÁGUA BOLONHA. <i>Revista AIDIS De Engenharia Y Ciencias Ambientales Investigación Y Práctica</i> , 2021, 14, 32.	0.0	0
45	Connectivity and flow regime direct conservation priorities for pelagophil fishes. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 3215-3227.	2.0	11
46	Analysis of Hydrologic Regime Changes Caused by Small Hydropower Plants in Lowland Rivers. <i>Water (Switzerland)</i> , 2021, 13, 1961.	2.7	8
47	Response of the Dnieper river fluvial system to the river erosion caused by the operation of the Kaniv hydro-electric power plant (Ukraine). <i>Catena</i> , 2021, 202, 105265.	5.0	8
48	Complexity analyses of Godavari and Krishna river streamflow using the concept of entropy. <i>Acta Geophysica</i> , 2021, 69, 2325-2338.	2.0	4
49	Characteristics of the natural flow regime paradigm explain occurrence of imperiled Great Plains fishes. <i>Ecosphere</i> , 2021, 12, e03669.	2.2	8
50	How Big of an Effect Do Small Dams Have? Using Geomorphological Footprints to Quantify Spatial Impact of Low-Head Dams and Identify Patterns of Across-Dam Variation. <i>PLoS ONE</i> , 2015, 10, e0141210.	2.5	98
51	Uso do Índice de estado tráfico e análise rápida da comunidade de macroinvertebrados como indicadores da qualidade ambiental das Águas na Bacia do Rio Jundiaí-Mirim - SP - BR. <i>Brazilian Journal of Aquatic Science and Technology</i> , 2015, 19, 13.	0.1	10
52	Dam-Induced Hydrologic Alterations in the Rivers Feeding the Pantanal. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	30
53	Drought and Associated Impacts in the Great Plains of the United States - A Review. <i>International Journal of Geosciences</i> , 2013, 04, 72-81.	0.6	62
56	THE REACTION OF ANASTOMOSING RIVER FLUVIAL SYSTEMS TO THE OPERATION OF A HYDROELECTRIC POWER PLANT. <i>Visnyk of Taras Shevchenko National University of Kyiv Geology</i> , 2021, , 105-111.	0.3	0

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57	Artificial and Natural Water Bodies Change in China, 2000â€“2020. <i>Water (Switzerland)</i> , 2022, 14, 1756.	2.7	2
58	Human induced fish declines in North America, how do agricultural pesticides compare to other drivers?. <i>Environmental Science and Pollution Research</i> , 2022, 29, 66010-66040.	5.3	5
59	Juvenile drift of an invasive crayfish <i>Faxonius virilis</i> (Hagen, 1870) (Decapoda: Astacidea): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.8	0
60	Oxbow Restorations for Topeka Shiner (<i>Notropis topeka</i>) Recovery: Defining Success. <i>American Midland Naturalist</i> , 2022, 188, .	0.4	5
62	A Hierarchical Approach to Fish Conservation in Semiarid Landscapes: A Need to Understand Multiscale Environmental Relationships. , 0, , .		0
63	Hydrological Response and Ecological Flow Optimization in Water Diversion Area of Inter-basin Water Diversion Project. <i>Water Resources Management</i> , 2022, 36, 5839-5865.	3.9	3
64	Preâ€ instrumental perspectives on Arkansas River crossâ€ watershed flow variability. <i>Journal of the American Water Resources Association</i> , 2023, 59, 1-15.	2.4	1
65	Comparison of sampling methods for small oxbow wetland fish communities. <i>PLoS ONE</i> , 2022, 17, e0277698.	2.5	2
66	Community perceptions of the social impacts of the Metolong Dam and Reservoir in Lesotho. <i>Land Use Policy</i> , 2023, 125, 106495.	5.6	1
67	The duality of drought: Pelagicâ€ and <sc>benthicâ€ spawning</sc> stream fishes show opposing responses to drought in the southern Great Plains. <i>North American Journal of Fisheries Management</i> , 2023, 43, 1276-1293.	1.0	3
69	Why are larger fish farther upstream? Testing multiple hypotheses using Silver Chub in two Midwestern United States riverscapes. <i>North American Journal of Fisheries Management</i> , 0, , .	1.0	3
70	Conservation at the nexus of niches: Multidimensional niche modeling to improve management of Prairie Chub. <i>North American Journal of Fisheries Management</i> , 0, , .	1.0	1
71	Hydrologic changes in the Brazos River Basin and implications for Great Plains fishes. <i>Journal of Hydrology</i> , 2024, 629, 130351.	5.4	0
72	Evaluating indicators of hydrologic alteration to demonstrate the impact of open-pit lignite mining on the flow regimes of small and medium-sized rivers. <i>Ecological Indicators</i> , 2023, 157, 111295.	6.3	2
73	The hydrological regime of Taihu Lake under the influence of anthropogenic activities. <i>Journal of Hydrology: Regional Studies</i> , 2023, 50, 101568.	2.4	0
74	Bibliometrics-based Research Hotspots and Development Trends in Eco-hydrology of Dammed Rivers. <i>Chinese Geographical Science</i> , 2023, 33, 1153-1164.	3.0	0
75	A novel Joint Probability Density Difference Approach for assessing the alteration of hydrologic regime. <i>River Research and Applications</i> , 0, , .	1.7	0