

Balancing hydropower and biodiversity in the Amazon,

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular phylogenetics reveals convergent evolution in lower Congo River spiny eels. <i>BMC Evolutionary Biology</i> , 2015, 15, 224.	3.2	23
2	Sediment and nutrient budgets are inherently dynamic: evidence from a long-term study of two subtropical reservoirs. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4881-4894.	1.9	17
3	The Water-Energy-Food Nexus and the Transboundary Context: Insights from Large Asian Rivers. <i>Water (Switzerland)</i> , 2016, 8, 193.	1.2	102
4	Impacts of Dams and Global Warming on Fish Biodiversity in the Indo-Burma Hotspot. <i>PLoS ONE</i> , 2016, 11, e0160151.	1.1	48
5	Yunnan's Fast-Paced Large Hydropower Development: A Powershed-Based Approach to Critically Assessing Generation and Consumption Paradigms. <i>Water (Switzerland)</i> , 2016, 8, 476.	1.2	29
6	Focus on water storage for managing climate extremes and change. <i>Environmental Research Letters</i> , 2016, 11, 120208.	2.2	2
7	The combined influence of riverine barriers and flooding gradients on biogeographical patterns for amphibians and squamates in south-eastern Amazonia. <i>Journal of Biogeography</i> , 2016, 43, 2113-2124.	1.4	68
8	Integrating biodiversity conservation and water development: in search of long-term solutions. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 301-311.	2.8	7
9	Trans-Amazonian natal homing in giant catfish. <i>Journal of Applied Ecology</i> , 2016, 53, 1511-1520.	1.9	67
10	Do novel ecosystems follow predictable trajectories? Testing the trophic surge hypothesis in reservoirs using fish. <i>Ecosphere</i> , 2016, 7, e01617.	1.0	23
11	The critical role of risk in setting directions for water, food and energy policy and research. <i>Current Opinion in Environmental Sustainability</i> , 2016, 23, 12-16.	3.1	50
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13	Patterns, Causes, and Consequences of Anthropocene Defaunation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2016, 47, 333-358.	3.8	326
14	Imperilled species in aquatic ecosystems: emerging threats, management and future prognoses. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 858-871.	0.9	21
15	How dams can go with the flow. <i>Science</i> , 2016, 353, 1099-1100.	6.0	180
16	Origins, seasonality, and fluxes of organic matter in the Congo River. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1105-1121.	1.9	59
17	Fish conservation in freshwater and marine realms: status, threats and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 838-857.	0.9	307
18	Morphologic and trophic diversity of fish assemblages in rapids of the Xingu River, a major Amazon tributary and region of endemism. <i>Environmental Biology of Fishes</i> , 2016, 99, 647-658.	0.4	19

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19	Damming the transnational Ayeyarwady basin. Hydropower and the water-energy nexus. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 1232-1246.	8.2	30
20	Riverine networks constrain $\delta^{15}N$ diversity patterns among fish assemblages in a large Neotropical river. <i>Freshwater Biology</i> , 2016, 61, 1733-1745.	1.2	50
21	Protected areas and freshwater provisioning: a global assessment of freshwater provision, threats and management strategies to support human water security. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 103-120.	0.9	90
22	Species and population diversity in Pacific salmon fisheries underpin indigenous food security. <i>Journal of Applied Ecology</i> , 2016, 53, 1489-1499.	1.9	33
23	Amazon aquatic biodiversity imperiled by oil spills. <i>Biodiversity and Conservation</i> , 2016, 25, 2831-2834.	1.2	32
24	Brazil's Amazon conservation in peril. <i>Science</i> , 2016, 353, 228-229.	6.0	5
25	Equatorial Pacific forcing of western Amazonian precipitation during Heinrich Stadial 1. <i>Scientific Reports</i> , 2016, 6, 35866.	1.6	13
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27	Unravelling the life history of Amazonian fishes through otolith microchemistry. <i>Royal Society Open Science</i> , 2016, 3, 160206.	1.1	42
28	Phytoplankton functional groups in a subtropical Brazilian reservoir: responses to impoundment. <i>Hydrobiologia</i> , 2016, 779, 47-57.	1.0	31
29	On the sustainability of inland fisheries: Finding a future for the forgotten. <i>Ambio</i> , 2016, 45, 753-764.	2.8	141
30	Molecular phylogenetics of the Neotropical fish family Prochilodontidae (Teleostei: Characiformes). <i>Molecular Phylogenetics and Evolution</i> , 2016, 102, 189-201.	1.2	45
31	Seasonal hydrology shifts production sources supporting fishes in rivers of the Lower Mekong Basin. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1342-1362.	0.7	32
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34	Impending extinction crisis of the world's primates: Why primates matter. <i>Science Advances</i> , 2017, 3, e1600946.	4.7	912
35	Coping with resettlement: A livelihood adaptation analysis in the Mekong River basin. <i>Land Use Policy</i> , 2017, 60, 139-149.	2.5	41
36	Body size-trophic position relationships among fishes of the lower Mekong basin. <i>Royal Society Open Science</i> , 2017, 4, 160645.	1.1	27

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37	Environmental impact assessment in Brazilian Amazonia: Challenges and prospects to assess biodiversity. <i>Biological Conservation</i> , 2017, 206, 161-168.	1.9	58
38	Disappearing giants: a review of threats to freshwater megafauna. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1208.	2.8	61
39	Rethinking refuges: Implications of climate change for dam busting. <i>Biological Conservation</i> , 2017, 209, 188-195.	1.9	22
40	Freshwater ecosystems could become the biggest losers of the Paris Agreement. <i>Global Change Biology</i> , 2017, 23, 3433-3436.	4.2	46
41	High fluid shear strain causes injury in silver shark: Preliminary implications for Mekong hydropower turbine design. <i>Fisheries Management and Ecology</i> , 2017, 24, 193-198.	1.0	11
42	Biodiversity losses and conservation responses in the Anthropocene. <i>Science</i> , 2017, 356, 270-275.	6.0	586
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48	The 'seafood gap' in the food-water nexus literature—issues surrounding freshwater use in seafood production chains. <i>Advances in Water Resources</i> , 2017, 110, 505-514.	1.7	55
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50	Genetic Resources: What Are Genetic Resources and Their Importance for Food Production?. , 2017, , 11-54.		0
51	Neotropical freshwater fishes imperilled by unsustainable policies. <i>Fish and Fisheries</i> , 2017, 18, 1119-1133.	2.7	151
52	Reproductive characteristics of pikecharacids <i>Boulengerella cuvieri</i> (Ctenoluciidae) in the middle Xingu River, Eastern Amazon. <i>Journal of Fish Biology</i> , 2017, 91, 346-353.	0.7	4
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56	Inland Fisheries Habitat Management: Lessons Learned from Wildlife Ecology and a Proposal for Change. <i>Fisheries</i> , 2017, 42, 197-209.	0.6	73
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64	Damming Fragments Speciesâ€™ Ranges and Heightens Extinction Risk. <i>Conservation Letters</i> , 2017, 10, 708-716.	2.8	49
65	Multilocus molecular phylogeny of the ornamental wood-eating catfishes (Siluriformes, Loricariidae.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> and Evolution, 2017, 109, 321-336.	1.2	15
66	Traitâ€based prediction of extinction risk of smallâ€bodied freshwater fishes. <i>Conservation Biology</i> , 2017, 31, 581-591.	2.4	28
67	Reply to Vitule <i>et al.</i> (2017): Comment on â€™Fish biodiversity and conservation in South America by Reis <i>et al</i>. (2016)â€™. <i>Journal of Fish Biology</i> , 2017, 90, 1191-1195.	0.7	2
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72	Rainforest metropolis casts 1,000-km defaunation shadow. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8655-8659.	3.3	50
73	Gold at what cost? Another megaproject threatens biodiversity in the Amazon. <i>Perspectives in Ecology and Conservation</i> , 2017, 15, 129-131.	1.0	22

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74	Hydrological controls of fisheries production in a major Amazonian tributary. <i>Ecohydrology</i> , 2017, 10, e1899.	1.1	21
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84	Quantifying impact reduction due to avoidance, minimization and restoration for a natural gas pipeline in the Peruvian Andes. <i>Environmental Impact Assessment Review</i> , 2017, 66, 53-65.	4.4	16
85	Long-term dynamics of a floodplain shallow lake in the Pantanal wetland: Is it all about climate?. <i>Science of the Total Environment</i> , 2017, 605-606, 527-540.	3.9	26
86	Environmental filters predict the trait composition of fish communities in reservoir cascades. <i>Hydrobiologia</i> , 2017, 802, 245-253.	1.0	64
87	A new species of the leopard pleco genus <i>Pseudacanthicus</i> (Siluriformes: Loricariidae) from the Rio Xingu, Brazil. <i>Journal of Fish Biology</i> , 2017, 90, 356-369.	0.7	3
88	Assessment of efficiency and impacts of gillnets on fish conservation in a tropical freshwater fishery. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 521-533.	0.9	18
89	Isolation-by-time population structure in potamodromous Dourado <i>Salminus brasiliensis</i> in southern Brazil. <i>Conservation Genetics</i> , 2017, 18, 67-76.	0.8	34
90	The â€œTilapia Lawâ€-encouraging non-native fish threatens Amazonian River basins. <i>Biodiversity and Conservation</i> , 2017, 26, 243-246.	1.2	45
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94	Freshwater Megafauna: Flagships for Freshwater Biodiversity under Threat. <i>BioScience</i> , 2017, 67, 919-927.	2.2	68
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97	Research Priorities to Improve Future Environmental Water Outcomes. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	35
98	The Fate of Carbon in Sediments of the Xingu and Tapaj�s Clearwater Rivers, Eastern Amazon. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	18
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104	Rivers affect the biovolume and functional traits of phytoplankton in floodplain lakes. <i>Acta Limnologica Brasiliensia</i> , 2017, 29, .	0.4	5
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118	Recent advances in environmental flows science and water management—Innovation in the Anthropocene. <i>Freshwater Biology</i> , 2018, 63, 1022-1034.	1.2	134
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121	Detrimental effects of a novel flow regime on the functional trajectory of an aquatic invertebrate metacommunity. <i>Global Change Biology</i> , 2018, 24, 3749-3765.	4.2	52
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131	Fragmentation of Andes-to-Amazon connectivity by hydropower dams. <i>Science Advances</i> , 2018, 4, eaao1642.	4.7	227
133	Spatial scales and the invasion paradox: a test using fish assemblages in a Neotropical floodplain. <i>Hydrobiologia</i> , 2018, 817, 121-131.	1.0	14
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146	Addressing spatio-temporal resolution constraints in Landsat and MODIS-based mapping of large-scale floodplain inundation dynamics. <i>Remote Sensing of Environment</i> , 2018, 211, 307-320.	4.6	34
147	Ecological correlates of mammal diversity in Amazonian land-bridge islands: from small to large-bodied species. <i>Diversity and Distributions</i> , 2018, 24, 1109-1120.	1.9	16
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150	Fishes in a changing world: learning from the past to promote sustainability of fish populations. <i>Journal of Fish Biology</i> , 2018, 92, 804-827.	0.7	51
151	Quantifying suspended sediment dynamics in mega deltas using remote sensing data: A case study of the Mekong floodplains. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 68, 105-115.	1.4	16
152	Making culverts great again. Efficacy of a common culvert remediation strategy across sympatric fish species. <i>Ecological Engineering</i> , 2018, 116, 143-153.	1.6	26
153	Preferences of age-0 white sturgeon for different colours and strobe rates of LED lights may inform behavioural guidance strategies. <i>Environmental Biology of Fishes</i> , 2018, 101, 667-674.	0.4	16
154	Expansion of aquaculture parks and the increasing risk of non-native species invasions in Brazil. <i>Reviews in Aquaculture</i> , 2018, 10, 111-122.	4.6	51
155	Diversity, biogeography and conservation of freshwater mussels (Bivalvia: Unionida) in East and Southeast Asia. <i>Hydrobiologia</i> , 2018, 810, 29-44.	1.0	111
156	Using a trait-based approach to measure the impact of dam closure in fish communities of a Neotropical River. <i>Ecology of Freshwater Fish</i> , 2018, 27, 408-420.	0.7	20
157	On the use of climate covariates in aquatic species distribution models: are we at risk of throwing out the baby with the bath water?. <i>Ecography</i> , 2018, 41, 695-712.	2.1	31
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161	A model of water and sediment balance as determinants of relative sea level rise in contemporary and future deltas. <i>Geomorphology</i> , 2018, 305, 209-220.	1.1	90
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