

# Sustainable hydropower in the 21st century

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Exploring longitudinal trends and recovery gradients in macroinvertebrate communities and biomonitoring tools along regulated rivers. <i>Science of the Total Environment</i> , 2019, 695, 133774.	3.9	28
3	Mapping research on hydropower and sustainability in the Brazilian Amazon: advances, gaps in knowledge and future directions. <i>Current Opinion in Environmental Sustainability</i> , 2019, 37, 50-69.	3.1	42
4	Freshwater Ecosystems versus Hydropower Development: Environmental Assessments and Conservation Measures in the Transboundary Amur River Basin. <i>Water (Switzerland)</i> , 2019, 11, 1570.	1.2	15
5	Analysis of the gyroscopic effect on the hydro-turbine generator unit. <i>Mechanical Systems and Signal Processing</i> , 2019, 132, 138-152.	4.4	13
6	Current hydropower developments in Europe. <i>Current Opinion in Environmental Sustainability</i> , 2019, 37, 41-49.	3.1	60
7	Multi-decadal hydrologic change and variability in the Amazon River basin: understanding terrestrial water storage variations and drought characteristics. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 2841-2862.	1.9	48
8	Indirect Assessment of Sedimentation in Hydropower Dams Using MODIS Remote Sensing Images. <i>Remote Sensing</i> , 2019, 11, 314.	1.8	16
9	The consumptive water footprint of the European Union energy sector. <i>Environmental Research Letters</i> , 2019, 14, 104016.	2.2	29
10	Renewable Energy in Wilderness Landscapes: Visitors' Perspectives. <i>Sustainability</i> , 2019, 11, 5812.	1.6	8
11	Defining the robust operating rule for multi-purpose water reservoirs under deep uncertainties. <i>Journal of Hydrology</i> , 2019, 578, 124134.	2.3	22
12	How Relevant Are Non-Use Values and Perceptions in Economic Valuations? The Case of Hydropower Plants. <i>Energies</i> , 2019, 12, 2986.	1.6	10
13	Editorial overview: Introduction to the special issue: Hydropower and sustainability in the Anthropocene. <i>Current Opinion in Environmental Sustainability</i> , 2019, 37, A1-A6.	3.1	3
14	The impact of electric generation capacity by renewable and non-renewable energy in Brazilian economic growth. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33236-33259.	2.7	6
15	Reducing greenhouse gas emissions of Amazon hydropower with strategic dam planning. <i>Nature Communications</i> , 2019, 10, 4281.	5.8	126
16	Quantifying the impacts of dams on riverine hydrology under non-stationary conditions using incomplete data and Gaussian copula models. <i>Science of the Total Environment</i> , 2019, 677, 599-611.	3.9	21
17	Ecosystem maintenance energy and the need for a green EROI. <i>Energy Policy</i> , 2019, 131, 229-234.	4.2	39
18	Environmental justice and Chinese dam-building in the global South. <i>Current Opinion in Environmental Sustainability</i> , 2019, 37, 20-27.	3.1	11
19	Diagnosing the role of the state for local collective action: Types of action situations and policy instruments. <i>Environmental Science and Policy</i> , 2019, 97, 44-57.	2.4	58

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20	Evaluating Monetary-Based Benefit-Sharing as a Mechanism to Improve Local Human Development and its Importance for Impact Assessment of Hydropower Plants in Brazil. <i>Journal of Environmental Assessment Policy and Management</i> , 2019, 21, 1950003.	4.3	6
21	Decline of Fine Suspended Sediments in the Madeira River Basin (2003–2017). <i>Water (Switzerland)</i> , 2019, 11, 514.	1.2	14
22	Residual biomass energy potential: perspectives in a peripheral region in Brazil. <i>Clean Technologies and Environmental Policy</i> , 2019, 21, 733-744.	2.1	6
23	Hidden Hydro Related with Non-Powered Dams in Romania. , 2019, , .		3
24	Discovering Dependencies, Trade-offs, and Robustness in Joint Dam Design and Operation: An Ex-Post Assessment of the Kariba Dam. <i>Earth's Future</i> , 2019, 7, 1367-1390.	2.4	30
25	The influence of the global electric power system on terrestrial biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26078-26084.	3.3	27
26	Vulnerability assessment of the Satluj catchment for sustainable development of hydroelectric projects in the northwestern Himalaya. <i>Journal of Mountain Science</i> , 2019, 16, 2714-2738.	0.8	11
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28	The human impact in geomorphology – 50+ years of change. <i>Geomorphology</i> , 2020, 366, 106601.	1.1	39
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30	Engaging soft computing in material and modeling uncertainty quantification of dam engineering problems. <i>Soft Computing</i> , 2020, 24, 11583-11604.	2.1	16
31	Assessing the reliability, resilience and vulnerability of water supply system under multiple uncertain sources. <i>Journal of Cleaner Production</i> , 2020, 252, 119806.	4.6	50
32	The construction of the Belo Monte dam in the Brazilian Amazon and its consequences on regional rural labor. <i>Land Use Policy</i> , 2020, 90, 104327.	2.5	19
33	Enhanced riparian denitrification in reservoirs following hydropower production. <i>Journal of Hydrology</i> , 2020, 583, 124305.	2.3	13
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37	Water-energy-ecosystem nexus in small run-of-river hydropower: Optimal design and policy. <i>Applied Energy</i> , 2020, 280, 115936.	5.1	15

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40	From fast-track implementation to livelihood deterioration: The dam-based Ribb Irrigation and Drainage Project in Northwest Ethiopia. <i>Agricultural Systems</i> , 2020, 184, 102909.	3.2	9
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47	Distributed Generation: A Review on Current Energy Status, Grid-Interconnected PQ Issues, and Implementation Constraints of DG in Malaysia. <i>Energies</i> , 2020, 13, 6479.	1.6	11
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49	Impactos da Usina Hidrelétrica de Belo Monte: uma análise da visão das populações ribeirinhas das reservas extrativistas da Terra do Meio. <i>Civitas</i> , 2020, 20, 43.	0.1	2
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57	Influence of dams on river water quality signatures at event and seasonal scales: The Rhône River (France) case study. <i>River Research and Applications</i> , 2020, 36, 1267-1278.	0.7	9
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82	Efficient hydroenergy conversion technologies, challenges, and policy implication. , 2021, , 295-318.		1
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84	Mathematical modeling of vibration failure caused by balancing effect in hydraulic turbines. <i>Mechanics Based Design of Structures and Machines</i> , 0, , 1-12.	3.4	5
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133	Health assessment of small-to-medium sized rivers: Comparison between comprehensive indicator method and biological monitoring method. <i>Ecological Indicators</i> , 2021, 126, 107686.	2.6	21
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