

Sustainable sediment management in reservoirs and re continents

Earth's Future

2, 256-280

DOI: [10.1002/2013ef000184](https://doi.org/10.1002/2013ef000184)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Dams on the Mekong: Cumulative sediment starvation. <i>Water Resources Research</i> , 2014, 50, 5158-5169.	1.7	305
2	The science and practice of river restoration. <i>Water Resources Research</i> , 2015, 51, 5974-5997.	1.7	442
3	Developments to Improve Hydraulic Competence of Spillways. <i>Aquatic Procedia</i> , 2015, 4, 841-846.	0.9	9
4	Sediment yield estimation in a small watershed on the northern Loess Plateau, China. <i>Geomorphology</i> , 2015, 241, 343-352.	1.1	77
5	The Natural Sediment Regime in Rivers: Broadening the Foundation for Ecosystem Management. <i>BioScience</i> , 2015, 65, 358-371.	2.2	346
6	Flow hydrodynamics near inlet key of Piano Key Weir (PKW). <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2015, 40, 2253-2261.	0.8	4
7	Ecological functions of restored gravel bars, the Trinity River, California. <i>Ecological Engineering</i> , 2015, 83, 49-60.	1.6	36
8	The Effects of Climate and Anthropogenic Activity on Hydrologic Features in Yanhe River. <i>Advances in Meteorology</i> , 2016, 2016, 1-11.	0.6	15
9	Evolution of Two Urbanized Estuaries: Environmental Change, Legal Framework, and Implications for Sea-Level Rise Vulnerability. <i>Water (Switzerland)</i> , 2016, 8, 535.	1.2	11
10	Effects of sediment flushing from a small Alpine reservoir on downstream aquatic fauna. <i>Ecohydrology</i> , 2016, 9, 1276-1288.	1.1	22
11	Assessing the Impact of Climate Change on Sediment Loads in a Large Mediterranean Watershed. <i>Soil Science</i> , 2016, 181, 306-314.	0.9	9
12	One-Dimensional Modeling of Suspended Sediment Dynamics in Dam Reservoirs. <i>Journal of Hydraulic Engineering</i> , 2016, 142, 04016033.	0.7	16
13	Impact of sediments resuspension on metal solubilization and water quality during recurrent reservoir sluicing management. <i>Science of the Total Environment</i> , 2016, 562, 201-215.	3.9	44
14	Approaches to defining deltaic sustainability in the 21st century. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 183, 275-291.	0.9	117
15	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.	0.9	33
16	Reservoir sedimentation. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2016, 54, 595-614.	0.7	289
17	Controlled sediment flushing at the Cancano Reservoir (Italian Alps): Management of the operation and downstream environmental impact. <i>Journal of Environmental Management</i> , 2016, 182, 1-12.	3.8	42
19	An integrated model coupling open-channel flow, turbidity current and flow exchanges between main river and tributaries in Xiaolangdi Reservoir, China. <i>Journal of Hydrology</i> , 2016, 543, 548-561.	2.3	17

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20	Managing reservoir sedimentation by venting turbidity currents: A review. <i>International Journal of Sediment Research</i> , 2016, 31, 195-204.	1.8	44
21	Acute impacts of reservoir sediment flushing on fishes in the Yellow River. <i>Journal of Hydro-Environment Research</i> , 2016, 13, 26-35.	1.0	28
22	Impacts from hydropower production on biodiversity in an LCA framework – review and recommendations. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 412-428.	2.2	55
23	Maintaining Sediment Flows through Hydropower Dams in the Mekong River Basin. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	1.3	41
24	Source-to-sink transport processes of fluvial sediments in the South China Sea. <i>Earth-Science Reviews</i> , 2016, 153, 238-273.	4.0	351
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26	Pools, channel form, and sediment storage in wood-restored streams: Potential effects on downstream reservoirs. <i>Geomorphology</i> , 2017, 279, 165-175.	1.1	25
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28	Measuring the volume of flushed sediments in a reservoir using multi-temporal images acquired with UAS. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 150-166.	2.0	22
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30	A hybrid method for forecasting river-suspended sediments in Iran. <i>International Journal of River Basin Management</i> , 2017, 15, 453-460.	1.5	4
31	Drawdown flushing of a hydroelectric reservoir on the Rhône River: Impacts on the fish community and implications for the sediment management. <i>Journal of Environmental Management</i> , 2017, 197, 239-249.	3.8	31
32	Losing ground - scenarios of land loss as consequence of shifting sediment budgets in the Mekong Delta. <i>Geomorphology</i> , 2017, 294, 58-69.	1.1	73
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35	Current and future groundwater withdrawals: Effects, management and energy policy options for a semi-arid Indian watershed. <i>Advances in Water Resources</i> , 2017, 110, 459-475.	1.7	30
37	Genetic Resources: What Are Genetic Resources and Their Importance for Food Production?. , 2017, , 11-54.		0
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40	Ecological Assessment of a Sediment Bypass Tunnel on a Receiving Stream in Switzerland. <i>River Research and Applications</i> , 2017, 33, 925-936.	0.7	11
41	Spatial patterns of erosion in a bedrock gorge. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 191-214.	1.0	64
42	²¹⁰ Pb and ¹³⁷ Cs as tracers of recent sedimentary processes in two water reservoirs in Cuba. <i>Journal of Environmental Radioactivity</i> , 2017, 177, 290-304.	0.9	8
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53	Climate Change Impacts on Sediment Quality of Subalpine Reservoirs: Implications on Management. <i>Water (Switzerland)</i> , 2017, 9, 680.	1.2	5
54	Estimating Sediment Flushing Efficiency of a Shaft Spillway Pipe and Bed Evolution in a Reservoir. <i>Water (Switzerland)</i> , 2017, 9, 924.	1.2	9
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60	Improved trade-offs of hydropower and sand connectivity by strategic dam planning in the Mekong. <i>Nature Sustainability</i> , 2018, 1, 96-104.	11.5	102
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64	Multi-phase transformation model of water quality in the sluice-controlled river reaches of Shayinghe River in China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6633-6647.	2.7	6
65	Evaluation of different strategies for management of reservoir sedimentation in semi-arid regions: a case study (Dez Reservoir). <i>Lake and Reservoir Management</i> , 2018, 34, 270-282.	0.4	6
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67	Sediment related impacts of climate change and reservoir development in the Lower Mekong River Basin: a case study of the Nam Ou Basin, Lao PDR. <i>Climatic Change</i> , 2018, 149, 13-27.	1.7	31
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82	Review article: Climate change impacts on dam safety. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 2471-2488.	1.5	53
83	Application of physiographic soil erosion'€deposition model in estimating sediment flushing efficiency of empty storage. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	5
84	Soil erosion in East Africa: an interdisciplinary approach to realising pastoral land management change. <i>Environmental Research Letters</i> , 2018, 13, 124014.	2.2	58
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109	Stream channel changes as a result of sudden sediment release due to check dam lowering (Polish) <i>Tj ETQq1 1 0.784314 rgBJ /Overlock</i>	1.3	7
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130	Stratigraphic Signatures of the Anthropocene. , 2019, , 41-108.		0
131	The Biostratigraphic Signature of the Anthropocene. , 2019, , 109-136.		1
132	The Stratigraphic Boundary of the Anthropocene. , 2019, , 242-286.		0

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135	The Technosphere and Its Physical Stratigraphic Record. , 2019, , 137-155.		1
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153	Shifting currents: Managing freshwater systems for ecological resilience in a changing climate. <i>Water Security</i> , 2019, 8, 100049.	1.2	34
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