

Greenhouse Gas Emissions from Reservoir Water Surfa

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Reservoir Water-Level Drawdowns Accelerate and Amplify Methane Emission. <i>Environmental Science & Technology</i> , 2017, 51, 1267-1277.	4.6	91
4	Potential effects of landscape change on water supplies in the presence of reservoir storage. <i>Water Resources Research</i> , 2017, 53, 2679-2692.	1.7	18
5	Methane and nitrous oxide annual emissions from an old eutrophic temperate reservoir. <i>Science of the Total Environment</i> , 2017, 598, 959-972.	3.9	36
6	Pollution-tolerant invertebrates enhance greenhouse gas flux in urban wetlands. <i>Ecological Applications</i> , 2017, 27, 1852-1861.	1.8	17
7	Key differences between lakes and reservoirs modify climate signals: A case for a new conceptual model. <i>Limnology and Oceanography Letters</i> , 2017, 2, 47-62.	1.6	116
8	Functional Communications. , 2017, , 141-154.		0
9	Environmentally sustainable WASH? Current discourse, planetary boundaries and future directions. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2017, 7, 209-228.	0.7	13
10	How important are terrestrial organic carbon inputs for secondary production in freshwater ecosystems?. <i>Freshwater Biology</i> , 2017, 62, 833-853.	1.2	257
11	Carbon dynamics of river corridors and the effects of human alterations. <i>Ecological Monographs</i> , 2017, 87, 379-409.	2.4	86
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13	Air-water CO ₂ flux in an algae bloom year for Lake Hongfeng, Southwest China: implications for the carbon cycle of global inland waters. <i>Acta Geochimica</i> , 2017, 36, 658-666.	0.7	4
14	How Green is "Green" Energy?. <i>Trends in Ecology and Evolution</i> , 2017, 32, 922-935.	4.2	161
15	Minor methane emissions from an Alpine hydropower reservoir based on monitoring of diel and seasonal variability. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1278-1291.	1.7	9
16	Seasonal and Spatial Dynamics of Gas Ebullition in a Temperate Water-Storage Reservoir. <i>Water Resources Research</i> , 2017, 53, 8266-8276.	1.7	19
17	Toward relaxed eddy accumulation measurements of sediment-water exchange in aquatic ecosystems. <i>Geophysical Research Letters</i> , 2017, 44, 8901-8909.	1.5	8
18	Glacier shrinkage driving global changes in downstream systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9770-9778.	3.3	381
19	Dam removal: Listening in. <i>Water Resources Research</i> , 2017, 53, 5229-5246.	1.7	166
20	An enhanced bubble size sensor for long-term ebullition studies. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 821-835.	1.0	18

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21	Methane Ebullition in Temperate Hydropower Reservoirs and Implications for US Policy on Greenhouse Gas Emissions. <i>Environmental Management</i> , 2017, 60, 615-629.	1.2	16
22	Role of gas ebullition in the methane budget of a deep subtropical lake: What can we learn from process-based modeling?. <i>Limnology and Oceanography</i> , 2017, 62, 2674-2698.	1.6	34
23	Global Challenges in Water Governance. , 2017, , .		22
24	Biological and land use controls on the isotopic composition of aquatic carbon in the Upper Mississippi River Basin. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1271-1288.	1.9	22
26	Cross continental increase in methane ebullition under climate change. <i>Nature Communications</i> , 2017, 8, 1682.	5.8	146
27	Organic carbon burial in global lakes and reservoirs. <i>Nature Communications</i> , 2017, 8, 1694.	5.8	307
28	Methane Bubble Size Distributions, Flux, and Dissolution in a Freshwater Lake. <i>Environmental Science & Technology</i> , 2017, 51, 13733-13739.	4.6	25
29	Management effects on greenhouse gas dynamics in fen ditches. <i>Science of the Total Environment</i> , 2017, 578, 601-612.	3.9	26
30	Designing flows to resolve human and environmental water needs in a dam-regulated river. <i>Nature Communications</i> , 2017, 8, 2158.	5.8	144
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32	Bridging Food Webs, Ecosystem Metabolism, and Biogeochemistry Using Ecological Stoichiometry Theory. <i>Frontiers in Microbiology</i> , 2017, 8, 1298.	1.5	53
33	The potential impact of new Andean dams on Amazon fluvial ecosystems. <i>PLoS ONE</i> , 2017, 12, e0182254.	1.1	153
34	Carbon Dioxide Emissions from the Littoral Zone of a Chinese Reservoir. <i>Water (Switzerland)</i> , 2017, 9, 539.	1.2	8
35	Greenhouse gas emissions from a semi-arid tropical reservoir in northeastern Brazil. <i>Regional Environmental Change</i> , 2018, 18, 1901-1912.	1.4	12
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37	Stoichiometry of carbon, nitrogen, and phosphorus through the freshwater pipe. <i>Limnology and Oceanography Letters</i> , 2018, 3, 89-101.	1.6	98
38	The C-biogeochemistry of a Midwestern USA agricultural impoundment in context: Lake Decatur in the intensively managed landscape critical zone observatory. <i>Biogeochemistry</i> , 2018, 138, 171-195.	1.7	11
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41	Spatially Explicit, Regional Scale Simulation of Lake Carbon Fluxes. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1276-1293.	1.9	14
42	Methane Feedbacks to the Global Climate System in a Warmer World. <i>Reviews of Geophysics</i> , 2018, 56, 207-250.	9.0	354
43	Methane production increases with warming and carbon additions to incubated sediments from a semiarid reservoir. <i>Inland Waters</i> , 2018, 8, 109-121.	1.1	13
44	Large but variable methane production in anoxic freshwater sediment upon addition of allochthonous and autochthonous organic matter. <i>Limnology and Oceanography</i> , 2018, 63, 1488-1501.	1.6	121
45	Synergy between nutrients and warming enhances methane ebullition from experimental lakes. <i>Nature Climate Change</i> , 2018, 8, 156-160.	8.1	130
46	Spatially Resolved Measurements of CO ₂ and CH ₄ Concentration and Gas-Exchange Velocity Highly Influence Carbon-Emission Estimates of Reservoirs. <i>Environmental Science & Technology</i> , 2018, 52, 607-615.	4.6	65
47	Modeling Net Land Occupation of Hydropower Reservoirs in Norway for Use in Life Cycle Assessment. <i>Environmental Science & Technology</i> , 2018, 52, 2375-2384.	4.6	30
48	Global proliferation of small hydropower plants – science and policy. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 91-100.	1.9	262
49	<i>Chaoborus</i> spp. Transport CH ₄ from the Sediments to the Surface Waters of a Eutrophic Reservoir, But Their Contribution to Water Column CH ₄ Concentrations and Diffusive Efflux Is Minor. <i>Environmental Science & Technology</i> , 2018, 52, 1165-1173.	4.6	13
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52	Cradle-to-grave greenhouse gas emissions from dams in the United States of America. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 90, 945-956.	8.2	61
53	Contribution of Methane Formation and Methane Oxidation to Methane Emission from Freshwater Systems. , 2018, , 1-31.		6
54	Importance of sediment organic matter to methane ebullition in a sub-tropical freshwater reservoir. <i>Science of the Total Environment</i> , 2018, 621, 1199-1207.	3.9	34
55	Modelling CO ₂ emissions from water surface of a boreal hydroelectric reservoir. <i>Science of the Total Environment</i> , 2018, 612, 392-404.	3.9	8
56	Spatial variability of methane (CH ₄) ebullition in a tropical hypereutrophic reservoir: silted areas as a bubble hot spot. <i>Lake and Reservoir Management</i> , 2018, 34, 105-114.	0.4	22
57	Effects of an Experimental Water-level Drawdown on Methane Emissions from a Eutrophic Reservoir. <i>Ecosystems</i> , 2018, 21, 657-674.	1.6	38

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60	High methylmercury formation in ponds fueled by fresh humic and algal derived organic matter. <i>Limnology and Oceanography</i> , 2018, 63, S44.	1.6	58
61	Enteric nitrous oxide emissions from beef cattle. <i>The Professional Animal Scientist</i> , 2018, 34, 594-607.	0.7	5
62	Estimating Carbon Dioxide (CO ₂) Emissions from Reservoirs Using Artificial Neural Networks. <i>Water (Switzerland)</i> , 2018, 10, 26.	1.2	25
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65	Riverine carbon export in the arid to semiarid Wuding River catchment on the Chinese Loess Plateau. <i>Biogeosciences</i> , 2018, 15, 3857-3871.	1.3	14
66	Getting to Zero Carbon Emissions in the Electric Power Sector. <i>Joule</i> , 2018, 2, 2498-2510.	11.7	165
67	Impact of global major reservoirs on carbon cycle changes by using an advanced eco-hydrologic and biogeochemical coupling model. <i>Ecological Modelling</i> , 2018, 387, 172-186.	1.2	18
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75	Carbon dioxide, methane and nitrous oxide emissions from the human-impacted Seine watershed in France. <i>Science of the Total Environment</i> , 2018, 643, 247-259.	3.9	58

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77	Uncharted waters: the rise of human-made aquatic environments in the age of the "Anthropocene". <i>Anthropocene</i> , 2018, 23, 29-42.	1.6	22
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88	Contribution of Flooded Soils to Sediment and Nutrient Fluxes in a Hydropower Reservoir (Sarrans,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	4
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111	The carbon footprint of large- and mid-scale hydropower in China: Synthesis from five China's largest hydro-project. <i>Journal of Environmental Management</i> , 2019, 250, 109363.	3.8	15
112	Reducing greenhouse gas emissions of Amazon hydropower with strategic dam planning. <i>Nature Communications</i> , 2019, 10, 4281.	5.8	126

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136	Interaction between carbon dioxide emissions and eutrophication in a drinking water reservoir: A three-dimensional ecological modeling approach. <i>Science of the Total Environment</i> , 2019, 663, 369-379.	3.9	17
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138	Nitrous oxide from streams and rivers: A review of primary biogeochemical pathways and environmental variables. <i>Earth-Science Reviews</i> , 2019, 191, 224-262.	4.0	163
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157	Punching above their weight: Large release of greenhouse gases from small agricultural dams. <i>Global Change Biology</i> , 2019, 25, 721-732.	4.2	64
158	Methane and nitrous oxide emissions from the drawdown areas of the Three Gorges Reservoir. <i>Science of the Total Environment</i> , 2019, 660, 567-576.	3.9	13
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