

Hot Spots and Hot Moments in Riparian Zones: Potential Management¹

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Riparian zone management and environmental quality: a multi-contaminant challenge. <i>Hydrological Processes</i> , 2010, 24, 1532-1535.	1.1	21
2	Introduction to the Featured Collection on Riparian Ecosystems & Buffers ¹ . <i>Journal of the American Water Resources Association</i> , 2010, 46, 207-210.	1.0	8
3	Regulation of stream water dissolved organic carbon (DOC) concentrations during snowmelt; the role of discharge, winter climate and memory effects. <i>Biogeosciences</i> , 2010, 7, 2901-2913.	1.3	78
4	Nitrogen Dynamics at the Groundwater-Surface Water Interface of a Degraded Urban Stream. <i>Journal of Environmental Quality</i> , 2010, 39, 810-823.	1.0	72
5	How can subsurface modifications to hydraulic conductivity be designed as stream restoration structures? Analysis of Vaux's conceptual models to enhance hyporheic exchange. <i>Water Resources Research</i> , 2011, 47, .	1.7	78
6	Riparian soil temperature modification of the relationship between flow and dissolved organic carbon concentration in a boreal stream. <i>Water Resources Research</i> , 2011, 47, .	1.7	62
7	Effects of riparian buffers on nitrate concentrations in watershed discharges: new models and management implications. , 2011, 21, 1679-1695.		60
8	Buffer strip width and agricultural pesticide contamination in Danish lowland streams: Implications for stream and riparian management. <i>Ecological Engineering</i> , 2011, 37, 1990-1997.	1.6	65
9	Surface Water and Groundwater Nitrogen Dynamics in a Well Drained Riparian Forest within a Poorly Drained Agricultural Landscape. <i>Journal of Environmental Quality</i> , 2011, 40, 505-516.	1.0	9
10	Hot Spots and Hot Moments of Dissolved Organic Carbon Export and Soil Organic Carbon Storage in the Shale Hills Catchment. <i>Vadose Zone Journal</i> , 2011, 10, 943-954.	1.3	101
11	Denitrification in Alluvial Wetlands in an Urban Landscape. <i>Journal of Environmental Quality</i> , 2011, 40, 634-646.	1.0	74
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14	Contributions to the Theoretical Foundations of Integrated Modeling in Biogeochemistry and Their Application in Contaminated Areas. <i>Soil Biology</i> , 2012, , 385-416.	0.6	5
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17	Riparian Buffer Strips as a Multifunctional Management Tool in Agricultural Landscapes: Introduction. <i>Journal of Environmental Quality</i> , 2012, 41, 297-303.	1.0	166
18	Phosphorus mobilisation and transport within a long-restored floodplain wetland. <i>Ecological Engineering</i> , 2012, 44, 348-359.	1.6	31

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20	Riparian biogeochemical hot moments induced by stream fluctuations. <i>Water Resources Research</i> , 2012, 48, .	1.7	110
21	Surface microtopography causes hot spots of biogeochemical activity in wetland systems: A virtual modeling experiment. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	97
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