URBANIZATION OF AQUATIC SYSTEMS: DEGRADATIC AND THE LIMITS OF MITIGATION

Journal of the American Water Resources Association 33, 1077-1090

DOI: 10.1111/j.1752-1688.1997.tb04126.x

Citation Report

#	Article	IF	CITATIONS
1	Field Evaluation of Permeable Pavement Systems for Improved Stormwater Management. Journal of the American Planning Association, 1999, 65, 314-325.	1.7	85
2	WATERSHED URBANIZATION AND CHANGES IN FISH COMMUNITIES IN SOUTHEASTERN WISCONSIN STREAMS. Journal of the American Water Resources Association, 2000, 36, 1173-1189.	2.4	181
3	NATURAL RESTABILIZATION OF STREAM CHANNELS IN URBAN WATERSHEDS. Journal of the American Water Resources Association, 2000, 36, 1219-1236.	2.4	77
4	QUANTIFYING URBAN INTENSITY IN DRAINAGE BASINS FOR ASSESSING STREAM ECOLOGICAL CONDITIONS. Journal of the American Water Resources Association, 2000, 36, 1247-1261.	2.4	124
5	Streams in the Urban Landscape. Annual Review of Ecology, Evolution, and Systematics, 2001, 32, 333-365.	6.7	2,177
6	Risk based urban watershed management under conflicting objectives. Water Science and Technology, 2001, 43, 69-78.	2.5	17
7	Development and application of simplified continuous hydrologic modeling for drainage design and analysis. Water Science and Application, 2001, , 39-58.	0.3	8
8	A comparison of multi-disciplinary methods for measuring physical conditions of streams. Water Science and Application, 2001, , 7-18.	0.3	2
9	Assessment of Urban Streams in Fairmount Park, Philadelphia, PA. , 2001, , 1.		0
10	Rates of channel erosion in small urban streams. Water Science and Application, 2001, , 17-38.	0.3	26
11	Impacts of Urbanization on Stream Habitat and Fish Across Multiple Spatial Scales. Environmental Management, 2001, 28, 255-266.	2.7	518
12	Limitations to vegetation establishment and growth in biofiltration swales. Ecological Engineering, 2001, 17, 429-443.	3.6	26
13	Monitoring urban streams: strategies and protocols for humid-region lowland systems. Environmental Monitoring and Assessment, 2001, 71, 143-164.	2.7	10
14	EFFECTS OF URBANIZATION ON CHANNEL INSTABILITY. Journal of the American Water Resources Association, 2001, 37, 255-270.	2.4	204
15	Assessing the performance of volunteers in monitoring streams. Freshwater Biology, 2001, 46, 109-123.	2.4	170
16	Impervious Surfaces and Water Quality: A Review of Current Literature and Its Implications for Watershed Planning. Journal of Planning Literature, 2002, 16, 499-514.	3. 5	492
17	Receiving Water Impacts Associated With Urban Wet Weather Flows. , 2002, , .		4
18	Sizing Stream Setbacks to Help Maintain Stream Stability. , 2002, , .		1

#	Article	IF	CITATIONS
19	Relationships of Stream Responses to Hydrologic Changes. , 2002, , 127.		11
20	Challenges and opportunities for science in reducing nutrient over-enrichment of coastal ecosystems. Estuaries and Coasts, 2002, 25, 886-900.	1.7	317
21	Landscape indicators of human impacts to riverine systems. , 2002, 64, 118-128.		325
22	FOREST COVER, IMPERVIOUS-SURFACE AREA, AND THE MITIGATION OF STORMWATER IMPACTS. Journal of the American Water Resources Association, 2002, 38, 835-845.	2.4	243
23	IMPACTS OF URBAN LANDUSE ON MACROINVERTEBRATE COMMUNITIES IN SOUTHEASTERN WISCONSIN STREAMS. Journal of the American Water Resources Association, 2002, 38, 1041-1051.	2.4	98
24	Title is missing!. Landscape Ecology, 2002, 17, 471-489.	4.2	152
25	Title is missing!. Hydrobiologia, 2003, 501, 117-131.	2.0	50
26	Hydrologic description of forested wetlands in northeastern New Jersey, USA—An urban/suburban region. Wetlands, 2003, 23, 685-700.	1.5	36
27	Stream macroinvertebrate response to catchment urbanisation (Georgia, U.S.A.). Freshwater Biology, 2003, 48, 329-346.	2.4	361
28	EVALUATION OF HYDROLOGIC BENEFITS OF INFILTRATION BASED URBAN STORM WATER MANAGEMENT. Journal of the American Water Resources Association, 2003, 39, 205-215.	2.4	151
29	Estimation of Urban Imperviousness and its Impacts on Storm Water Systems. Journal of Water Resources Planning and Management - ASCE, 2003, 129, 419-426.	2.6	285
30	Long-term stormwater quantity and quality performance of permeable pavement systems. Water Research, 2003, 37, 4369-4376.	11.3	419
31	Impacts of Urban Land Cover on Trout Streams in Wisconsin and Minnesota. Transactions of the American Fisheries Society, 2003, 132, 825-839.	1.4	115
32	Influence of bank vegetation on channel morphology in rural and urban watersheds. Geology, 2003, 31, 147.	4.4	149
33	DEVELOPING A REGIONAL SOLUTION TO STORMWATER MANAGEMENT FOR THOMPSON CREEK WATERSHED BASED ON STREAM CHARACTERISTICS, HYDROMODIFICATION MANAGEMENT AND STREAM WATER QUALITY. Proceedings of the Water Environment Federation, 2003, 729-758.	0.0	0
34	A Temporal Study of Urban Development for the Municipality of Anchorage, Alaska. Geocarto International, 2003, 18, 21-33.	3.5	13
35	Developing Management Plans to Address Impacts from Urbanization on Stream Channel Integrity. , 2003, , 1.		1
36	Using Concepts of Work to Evaluate Hydromodification Impacts on Stream Channel Integrity and Effectiveness of Management Strategies. , 2004, , $1.$		2

#	Article	IF	Citations
37	Richards Equation Model of a Rain Garden. Journal of Hydrologic Engineering - ASCE, 2004, 9, 219-225.	1.9	67
38	Catchment urbanisation and increased benthic algal biomass in streams: linking mechanisms to management. Freshwater Biology, 2004, 49, 835-851.	2.4	135
39	URBANIZATION INFLUENCES ON AQUATIC COMMUNITIES IN NORTHEASTERN ILLINOIS STREAMS. Journal of the American Water Resources Association, 2004, 40, 461-475.	2.4	46
40	MODELED IMPACTS OF DEVELOPMENT TYPE ON RUNOFF VOLUME AND INFILTRATION PERFORMANCE. Journal of the American Water Resources Association, 2004, 40, 961-969.	2.4	80
41	REVIVING URBAN STREAMS: LAND USE, HYDROLOGY, BIOLOGY, AND HUMAN BEHAVIOR. Journal of the American Water Resources Association, 2004, 40, 1351-1364.	2.4	206
42	PREDICTING INFLUENCES OF URBAN DEVELOPMENT ON THERMAL HABITAT IN A WARM WATER STREAM. Journal of the American Water Resources Association, 2004, 40, 1645-1658.	2.4	37
43	Stormwater drainage pipes as a threat to a stream-dwelling amphipod of conservation significance, Austrogammarus australis, in southeastern Australia. Biodiversity and Conservation, 2004, 13, 781-793.	2.6	63
44	Ecological resilience in urban ecosystems: Linking urban patterns to human and ecological functions. Urban Ecosystems, 2004, 7, 241-265.	2.4	485
45	Exurban residential subdivision development: Effects on water quality and public perception. Urban Ecosystems, 2004, 7, 267-281.	2.4	26
46	The expression of multiple functions in urban forested wetlands. Wetlands, 2004, 24, 719-733.	1.5	33
47	The Influence of Urban Density and Drainage Infrastructure on the Concentrations and Loads of Pollutants in Small Streams. Environmental Management, 2004, 34, 112-24.	2.7	388
48	A model to predict impervious surface for regional and municipal land use planning purposes. Environmental Impact Assessment Review, 2004, 24, 363-382.	9.2	19
49	Foodweb Response to Nutrient Enrichment in Rural and Urban Streams. Journal of Freshwater Ecology, 2004, 19, 375-385.	1.2	12
50	Hydro-ecologic responses to land use in small urbanizing watersheds within the Chesapeake Bay watershed. Geophysical Monograph Series, 2004, , 41-60.	0.1	9
51	A Conceptual Framework for Assessing Impacts of Roads on Aquatic Biota. Fisheries, 2004, 29, 19-29.	0.8	43
52	Protection of in-stream biota from urban impacts: minimise catchment imperviousness or improve drainage design?. Marine and Freshwater Research, 2004, 55, 317.	1.3	95
53	Influence of Watershed Urbanization on Fine Sediment and Macroinvertebrate Assemblage Characteristics in Tennessee Ridge and Valley Streams. Journal of Freshwater Ecology, 2004, 19, 353-362.	1.2	31
54	Landscapes and Riverscapes: The Influence of Land Use on Stream Ecosystems. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 257-284.	8.3	2,605

#	Article	IF	CITATIONS
55	Paving over paradise: how land use regulations promote residential imperviousness. Landscape and Urban Planning, 2004, 69, 101-113.	7.5	101
56	A SPLIT Model for Extraction of Subpixel Impervious Surface Information. Photogrammetric Engineering and Remote Sensing, 2004, 70, 821-828.	0.6	16
57	Classifying Total and Effective Impervious Surfaces for Urban Hydrologic Modeling. , 2005, , 1.		3
58	HSPF-Based WWHM: A Tool for Stormwater Design Using Flow Duration Criteria. , 2005, , 1.		O
59	The Use of Continuous Watershed Modeling to Address Issues of Urbanization and Channel Stability in Southern California. , 2005 , , 1 .		1
60	Application of market mechanisms and incentives to reduce stormwater runoff. Environmental Science and Policy, 2005, 8, 133-144.	4.9	63
61	URBAN IMPACTS ON PHYSICAL STREAM CONDITION: EFFECTS OF SPATIAL SCALE, CONNECTIVITY, AND LONGITUDINAL TRENDS. Journal of the American Water Resources Association, 2005, 41, 565-580.	2.4	62
62	PATTERNS OF WATERSHED URBANIZATION AND IMPACTS ON WATER QUALITY. Journal of the American Water Resources Association, 2005, 41, 693-708.	2.4	98
63	Effects of Urbanization on the Distribution and Abundance of Amphibians and Invasive Species in Southern California Streams. Conservation Biology, 2005, 19, 1894-1907.	4.7	167
64	Macroinvertebrate response to land cover, habitat, and water chemistry in a mining-impacted river ecosystem: A GIS watershed analysis. Aquatic Sciences, 2005, 67, 403-423.	1.5	33
65	Detection of biotic responses to urbanization using fish assemblages from small streams of western Georgia, USA. Urban Ecosystems, 2005, 8, 39-57.	2.4	74
66	Response of wetland plant species to hydrologic conditions. Wetlands Ecology and Management, 2005, 13, 163-181.	1.5	74
67	Untangling the confounding effects of urbanization and high water level on the cover of emergent vegetation in Cootes Paradise Marsh, a degraded coastal wetland of Lake Ontario. Hydrobiologia, 2005, 544, 1-9.	2.0	13
68	Response of epilithic diatom assemblages to urbanization influences. Hydrobiologia, 2005, 532, 53-67.	2.0	64
69	Managing and Rehabilitating Ecosystem Processes in Regional Urban Streams in Australia. Hydrobiologia, 2005, 552, 121-133.	2.0	34
70	Water quality during winter storm events in Spring Creek, Pennsylvania USA. Hydrobiologia, 2005, 544, 321-332.	2.0	31
71	Stormflow Dynamics of Dissolved Organic Carbon and Total Dissolved Nitrogen in a Small Urban Watershed. Biogeochemistry, 2005, 75, 409-431.	3.5	41
72	Assessing the effectiveness of enhancement activities in urban streams: I. Habitat responses. River Research and Applications, 2005, 21, 381-401.	1.7	12

#	ARTICLE	IF	Citations
73	Assessing the effectiveness of enhancement activities in urban streams: II. Responses of invertebrate communities. River Research and Applications, 2005, 21, 439-453.	1.7	58
74	Development Induced Changes in Stream Channel Morphology and Considerations for Future Management of Water Resources. , 2005, , 1.		0
75	Effects of Watershed Urban Land Use on Environmental Conditions and Fish Assemblages in Chattanooga Area Streams (Tennessee-Georgia). Journal of Freshwater Ecology, 2005, 20, 527-537.	1.2	8
76	Investigating hydrologic alteration as a mechanism of fish assemblage shifts in urbanizing streams. Journal of the North American Benthological Society, 2005, 24, 656-678.	3.1	157
77	Challenges and prospects for restoring urban streams: a perspective from the Pacific Northwest of North America. Journal of the North American Benthological Society, 2005, 24, 724-737.	3.1	128
78	Small-scale temporal variation and the effect of urbanisation on extracellular enzyme activity in streams. Journal of Environmental Monitoring, 2005, 7, 861.	2.1	4
79	Extracellular enzyme response to bioavailability of dissolved organic C in streams of varying catchment urbanization. Journal of the North American Benthological Society, 2005, 24, 588-601.	3.1	45
80	Impacts of New Highways and Subsequent Landscape Urbanization on Stream Habitat and Biota. Reviews in Fisheries Science, 2005, 13, 141-164.	2.1	102
81	A transboundary study of urban sprawl in the Pacific Coast region of North America: The benefits of multiple measurement methods. International Journal of Applied Earth Observation and Geoinformation, 2005, 7, 268-283.	2.8	32
82	Leaf litter processing and invertebrate assemblages along a pollution gradient in a Maine (USA) headwater stream. Environmental Pollution, 2005, 134, 363-375.	7. 5	33
83	Annual Variation in Fish Assemblages of Watersheds with Stable and Changing Land Use. American Midland Naturalist, 2005, 153, 293-308.	0.4	14
84	The Effects of Urban Patterns on Ecosystem Function. International Regional Science Review, 2005, 28, 168-192.	2.1	785
85	INVERTEBRATE BIODIVERSITY IN AGRICULTURAL AND URBAN HEADWATER STREAMS: IMPLICATIONS FOR CONSERVATION AND MANAGEMENT. , 2005, 15, 1169-1177.		235
86	Impacts of impervious surface on watershed hydrology: A review. Urban Water Journal, 2005, 2, 263-275.	2.1	634
87	Advances in Algal Biology: A Commemoration of the Work of Rex Lowe. , 2006, , .		4
88	Translating restoration scenarios into habitat conditions: an initial step in evaluating recovery strategies for Chinook salmon (Oncorhynchus tshawytscha). Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1578-1595.	1.4	37
89	Effects of urbanization on watershed hydrology: The scaling of discharge with drainage area. Geology, 2006, 34, 713.	4.4	55
90	Urban Drainage Infrastructure Planning and Design Considering Climate Change. , 2006, , .		26

#	Article	IF	Citations
91	Macroinvertebrate distribution in relation to land use and water chemistry in New York City drinking-water-supply watersheds. Journal of the North American Benthological Society, 2006, 25, 954-976.	3.1	59
92	URBANIZATION AFFECTS STREAM ECOSYSTEM FUNCTION BY ALTERING HYDROLOGY, CHEMISTRY, AND BIOTIC RICHNESS. , 2006, 16, 1796-1807.		142
93	Hydrologic variation with land use across the contiguous United States: Geomorphic and ecological consequences for stream ecosystems. Geomorphology, 2006, 79, 264-285.	2.6	335
94	Urban transformation of river landscapes in a global context. Geomorphology, 2006, 79, 460-487.	2.6	345
95	Geomorphic effects of rural-to-urban land use conversion on three streams in the Central Redbed Plains of Oklahoma. Geomorphology, 2006, 79, 488-506.	2.6	40
96	Hydrologic regime and the conservation of salmon life history diversity. Biological Conservation, 2006, 130, 560-572.	4.1	153
97	A test of porous pavement effectiveness on clay soils during natural storm events. Water Research, 2006, 40, 799-805.	11.3	164
98	Impacts of Land Cover on Stream Hydrology in the West Georgia Piedmont, USA. Journal of Environmental Quality, 2006, 35, 2123-2131.	2.0	98
99	Simplified Analysis Method for Natural Dispersion of Highway Storm Water Runoff in Rural Areas. Transportation Research Record, 2006, 1983, 33-41.	1.9	0
100	Protocols for the Evaluating the Effects of Land-Use Patterns and Runoff Management on Urban Streams. , 2006, , 1.		O
101	Urban Form and Watershed Management: How Zoning Influences Residential Stormwater Volumes. Environment and Planning B: Planning and Design, 2006, 33, 21-37.	1.7	27
102	Protocols for Evaluating the Effects of Land-use Patterns and Runoff Management on Urban Streams. Proceedings of the Water Environment Federation, 2006, 2006, 3736-3743.	0.0	O
103	Hydrology as a Surrogate Indicator in Restoring Urban Northeastern Watersheds. , 2006, , 1.		0
104	Chloride Effects on Nitrogen Dynamics in Forested and Suburban Stream Debris Dams. Journal of Environmental Quality, 2006, 35, 2425-2432.	2.0	53
105	WATERSHED IMPERVIOUSNESS IMPACTS ON STREAM CHANNEL CONDITION IN SOUTHEASTERN PENNSYLVANIA. Journal of the American Water Resources Association, 2006, 42, 941-956.	2.4	44
106	Why rehabilitate urban river systems?. Area, 2006, 38, 312-325.	1.6	126
107	Estimating the effects of urban residential development on water quality using microdata. Journal of Environmental Management, 2006, 79, 399-408.	7.8	62
108	Using NDVI to Assess Vegetative Land Cover Change in Central Puget Sound. Environmental Monitoring and Assessment, 2006, 114, 85-106.	2.7	94

#	Article	IF	CITATIONS
109	Using Diatom Assemblages to Assess Urban Stream Conditions. Hydrobiologia, 2006, 561, 179-189.	2.0	40
110	Effects of urbanization and land use on fish communities in Valley Creek watershed, Chester County, Pennsylvania. Urban Ecosystems, 2006, 9, 119-133.	2.4	19
111	Retention of suspended sediment and phosphorus on a freshwater delta, South Lake Tahoe, California. Wetlands Ecology and Management, 2006, 14, 287-302.	1.5	4
112	Ecology of the Jollyville Plateau Salamander (Eurycea tonkawae: Plethodontidae) with an Assessment of the Potential Effects of Urbanization. Hydrobiologia, 2006, 553, 111-120.	2.0	33
113	Effects of Bioengineered Streambank Stabilization on Bank Habitat and Macroinvertebrates in Urban Streams. Environmental Management, 2006, 38, 218-226.	2.7	57
114	Importance of Riparian Forests in Urban Catchments Contingent on Sediment and Hydrologic Regimes. Environmental Management, 2006, 37, 523-539.	2.7	48
115	Geomorphic response of an Appalachian Valley and Ridge stream to urbanization. Earth Surface Processes and Landforms, 2006, 31, 1707-1720.	2.5	36
116	Landscape template of New York City's drinking-water-supply watersheds. Journal of the North American Benthological Society, 2006, 25, 867-886.	3.1	24
117	RELATION OF FISH COMMUNITIES TO ENVIRONMENTAL CONDITIONS IN URBAN STREAMS OF THE WASATCH FRONT, UTAH. Western North American Naturalist, 2006, 66, 155-168.	0.4	11
118	An Assessment of Impervious Surface Areas in Rhode Island. Northeastern Naturalist, 2007, 14, 643-650.	0.3	22
120	Is stormwater harvesting beneficial to urban waterway environmental flows?. Water Science and Technology, 2007, 55, 265-272.	2.5	56
121	Changes in Aquatic Habitat and Geomorphic Response to Urbanization, with Implications for Assessing Habitat Degradation. , 2007, , .		2
122	Applying Results Findings: the Recovery Potential Project. Proceedings of the Water Environment Federation, 2007, 2007, 492-506.	0.0	1
123	Consequences of Land-cover Misclassification in Models of Impervious Surface. Photogrammetric Engineering and Remote Sensing, 2007, 73, 1343-1353.	0.6	11
124	Biological integrity in urban streams: Toward resolving multiple dimensions of urbanization. Landscape and Urban Planning, 2007, 79, 110-123.	7.5	23
125	Vegetated roofs for stormwater management at multiple spatial scales. Landscape and Urban Planning, 2007, 80, 84-94.	7.5	256
126	The impact of urban patterns on aquatic ecosystems: An empirical analysis in Puget lowland sub-basins. Landscape and Urban Planning, 2007, 80, 345-361.	7.5	315
127	A spatial analysis of cumulative habitat loss in Southern California under the Clean Water Act Section 404 Program. Landscape and Urban Planning, 2007, 82, 41-55.	7.5	6

#	Article	IF	CITATIONS
128	A GAP ANALYSIS AND COMPREHENSIVE CONSERVATION STRATEGY FOR RIVERINE ECOSYSTEMS OF MISSOURI. Ecological Monographs, 2007, 77, 301-334.	5.4	123
129	Land-use forecasting and hydrologic model integration for improved land-use decision support. Journal of Environmental Management, 2007, 84, 494-512.	7.8	99
130	Evaluation of pool-riffle naturalization structures on habitat complexity and the fish community in an urban Illinois stream. River Research and Applications, 2007, 23, 451-466.	1.7	60
131	HYDROLOGIC BEHAVIOR OF VEGETATED ROOFS1. Journal of the American Water Resources Association, 2007, 42, 1261-1274.	2.4	45
132	Hydrologic Connectivity and the Contribution of Stream Headwaters to Ecological Integrity at Regional Scales ¹ . Journal of the American Water Resources Association, 2007, 43, 5-14.	2.4	427
133	Alluvial Sedimentation and Erosion in an Urbanizing Watershed, Gwynns Falls, Maryland. Journal of the American Water Resources Association, 2007, 43, 499-521.	2.4	66
134	Relative Influence of Streamflows in Assessing Temporal Variability in Stream Habitat. Journal of the American Water Resources Association, 2007, 43, 642-650.	2.4	9
135	Effects of Impervious Cover at Multiple Spatial Scales on Coastal Watershed Streams. Journal of the American Water Resources Association, 2007, 43, 712-730.	2.4	78
136	GeoTools: A Toolkit for Fluvial System Analysis. Journal of the American Water Resources Association, 2007, 43, 757-772.	2.4	17
137	Comparison of Stormwater Lag Times for Low Impact and Traditional Residential Development ¹ . Journal of the American Water Resources Association, 2007, 43, 1036-1046.	2.4	195
138	Restoring streams in an urbanizing world. Freshwater Biology, 2007, 52, 738-751.	2.4	383
139	Impact of urbanization on the water quality, fish habitat, and fish community of a Lake Ontario marsh, Frenchman's Bay. Urban Ecosystems, 2007, 10, 299-319.	2.4	47
140	Low Impact Development Practices: A Review of Current Research and Recommendations for Future Directions. Water, Air, and Soil Pollution, 2007, 186, 351-363.	2.4	762
141	Temporal and spatial responses of Chironomidae (Diptera) and other benthic invertebrates to urban stormwater runoff. Hydrobiologia, 2007, 575, 173-190.	2.0	36
142	Impediments and Solutions to Sustainable, Watershed-Scale Urban Stormwater Management: Lessons from Australia and the United States. Environmental Management, 2008, 42, 344-359.	2.7	463
143	Quantitative Identification of Disturbance Thresholds in Support of Aquatic Resource Management. Environmental Management, 2008, 42, 821-832.	2.7	75
144	The application of electrical conductivity as a tracer for hydrograph separation in urban catchments. Hydrological Processes, 2008, 22, 1810-1818.	2.6	114
145	Multi-scale analysis of oxygen demand trends in an urbanizing Oregon watershed, USA. Journal of Environmental Management, 2008, 87, 567-581.	7.8	39

#	Article	IF	Citations
146	Impacts of land disturbance on aquatic ecosystem health: Quantifying the cascade of events. Integrated Environmental Assessment and Management, 2008, 4, 431-442.	2.9	15
147	Measuring the Impact of Urbanization on Channel Widths Using Historic Aerial Photographs and Modern Surveys ¹ . Journal of the American Water Resources Association, 2008, 44, 948-960.	2.4	62
148	Comparison of Macroinvertebrate-Derived Stream Quality Metrics Between Snag and Riffle Habitats. Journal of the American Water Resources Association, 2008, 44, 670-678.	2.4	8
149	Effects of Riparian Vegetation and Watershed Urbanization on Fishes in Streams of the Mid-Atlantic Piedmont (USA). Journal of the American Water Resources Association, 2008, 44, 724-741.	2.4	13
150	Exotic invasive species in urban wetlands: environmental correlates and implications for wetland management. Journal of Applied Ecology, 2008, 45, 1160-1169.	4.0	88
151	Rates of urbanisation and the resiliency of air and water quality. Science of the Total Environment, 2008, 400, 238-256.	8.0	176
152	Linking hydrology and stream geochemistry in urban fringe watersheds. Journal of Hydrology, 2008, 360, 31-47.	5.4	24
153	Streams in the Urban Landscape. , 0, , 207-231.		303
154	Urban Ecology. , 2008, , .		146
155	Impervious surface impacts to runoff and sediment discharge under laboratory rainfall simulation. Catena, 2008, 72, 146-152.	5.0	67
156	Stream fish occurrence in response to impervious cover, historic land use, and hydrogeomorphic factors. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 1250-1264.	1.4	90
157	Effect of changing land use patterns on the distribution of coho salmon (Oncorhynchus kisutch) in the Puget Sound region. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2138-2148.	1.4	22
158	Global Review of the Physical and Biological Effectiveness of Stream Habitat Rehabilitation Techniques. North American Journal of Fisheries Management, 2008, 28, 856-890.	1.0	482
159	Polychlorinated biphenyls in stormwater runoff entering the tidal Anacostia River, Washington, DC, through small urban catchments and combined sewer outfalls. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 567-575.	1.7	28
160	Design and Modeling of Bioretention for Hydromodification Control: An Assessment of Alternative Model Representations. , 2008, , .		4
161	Characteristics of Land Development in Central Alabama. Proceedings of the Water Environment Federation, 2008, 2008, 5656-5672.	0.0	1
162	Retrofit Storm Water Retention Volume for Low Impact Development. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 872-876.	1.0	15
163	Laboratory-Scale Simulation of Runoff Response from Pervious-Impervious Systems. Journal of Hydrologic Engineering - ASCE, 2008, 13, 886-893.	1.9	19

#	Article	IF	Citations
164	The Variation in Water Quality of Urban River and its Driving Forces., 2008,,.		0
165	Reuse of Urban Runoff in Australia: A Review of Recent Advances and Remaining Challenges. Journal of Environmental Quality, 2008, 37, S116-27.	2.0	96
166	Performance Assessment of Low Impact Stormwater Practices. , 2008, , .		0
167	Extraction of Impervious Surface Areas from High Spatial Resolution Imagery by Multiple Agent Segmentation and Classification. Photogrammetric Engineering and Remote Sensing, 2008, 74, 857-868.	0.6	53
168	Recovery Potential as a Means of Prioritizing Restoration of Waters Identified as Impaired Under the Clean Water Act. Water Practice, 2008, 2, $1-11$.	0.1	4
169	A Spatially Explicit Decision Support System for Watershed-Scale Management of Salmon. Ecology and Society, 2008, 13, .	2.3	19
170	Legacy LID: Stormwater Treatment in Unimproved Embankments along Highway Shoulders in Western Washington., 2008,,.		3
171	Treatment Performance of an Extensive Vegetated Roof in Waterloo, Ontario. Water Quality Research Journal of Canada, 2009, 44, 26-32.	2.7	3
172	Ocupação do solo, fragmentação da paisagem e qualidade da água em uma pequena bacia hidrográfica. Revista Brasileira De Engenharia Agricola E Ambiental, 2009, 13, 922-930.	1.1	16
173	Stream Channel Enlargement Response to Urban Land Cover in Small Coastal Plain Watersheds, North Carolina. Physical Geography, 2009, 30, 528-555.	1.4	25
174	Imperviousness and Land-Use Policy: Toward an Effective Approach to Watershed Planning. Journal of Hydrologic Engineering - ASCE, 2009, 14, 425-433.	1.9	81
175	Land Use and Runoff Uncertainty. Proceedings of the Water Environment Federation, 2009, 2009, 5068-5070.	0.0	0
176	Assessment of Impervious Surface Estimation Techniques. Journal of Hydrologic Engineering - ASCE, 2009, 14, 377-387.	1.9	44
177	Costs and Benefits of Storm-Water Management: Case Study of the Puget Sound Region. Journal of the Urban Planning and Development Division, ASCE, 2009, 135, 150-158.	1.7	21
178	Retention Capacity: A Metric to Link Stream Ecology and Storm-Water Management. Journal of Hydrologic Engineering - ASCE, 2009, 14, 399-406.	1.9	52
179	Dynamic modeling of environmental amenity-driven migration with ecological feedbacks. Ecological Economics, 2009, 68, 2498-2510.	5.7	29
180	Effects of urbanization on stream water quality in the city of Atlanta, Georgia, USA. Hydrological Processes, 2009, 23, 2860-2878.	2.6	68
181	Does upward seepage of river water and storm water runoff determine water quality of urban drainage systems in lowland areas? A case study for the Rhine–Meuse delta. Hydrological Processes, 2009, 23, 3110-3120.	2.6	11

#	Article	IF	Citations
182	Linking stream and landscape trajectories in the southern Appalachians. Environmental Monitoring and Assessment, 2009, 156, 17-36.	2.7	20
183	An Auxiliary Method to Reduce Potential Adverse Impacts of Projected Land Developments: Subwatershed Prioritization. Environmental Management, 2009, 43, 311-325.	2.7	15
184	Rapid Assessment of Urban Wetlands: Do Hydrogeomorphic Classification and Reference Criteria Work?. Environmental Management, 2009, 43, 725-742.	2.7	28
185	Effects of Increasing Urbanization on the Ecological Integrity of Open Space Preserves. Environmental Management, 2009, 43, 846-862.	2.7	41
186	Assessing Influences of Hydrology, Physicochemistry, and Habitat on Stream Fish Assemblages Across a Changing Landscape < sup > 1 < /sup > . Journal of the American Water Resources Association, 2009, 45, 157-169.	2.4	37
187	Assessing Impervious Surface Connectivity and Applications for Watershed Management ¹ . Journal of the American Water Resources Association, 2009, 45, 198-209.	2.4	108
188	Linking Hydrologic Alteration to Biological Impairment in Urbanizing Streams of the Puget Lowland, Washington, USA ¹ . Journal of the American Water Resources Association, 2009, 45, 512-533.	2.4	48
189	Is Denser Greener? An Evaluation of Higher Density Development as an Urban Stormwaterâ€Quality Best Management Practice ¹ . Journal of the American Water Resources Association, 2009, 45, 687-701.	2.4	30
190	Ecosystem Consequences of Contrasting Flow Regimes in an Urban Effects Stream Mesocosm Study ¹ . Journal of the American Water Resources Association, 2009, 45, 907-927.	2.4	14
191	Performance Assessment of Rain Gardens < sup > 1 < /sup > . Journal of the American Water Resources Association, 2009, 45, 1019-1031.	2.4	123
192	Urban Land Use, Channel Incision, and Water Table Decline Along Coastal Plain Streams, North Carolina ¹ . Journal of the American Water Resources Association, 2009, 45, 1032-1046.	2.4	89
193	Discussion (sup) 1 (sup). Journal of the American Water Resources Association, 2009, 45, 1533-1535.	2.4	0
194	Rehabilitation of Stream Ecosystem Functions through the Reintroduction of Coarse Particulate Organic Matter. Restoration Ecology, 2009, 17, 97-106.	2.9	35
195	Using Macrophytes in Urban Stream Rehabilitation: A Cautionary Tale. Restoration Ecology, 2009, 17, 873-883.	2.9	23
196	A survey of storm-water management water quality regulations in four Mid-Atlantic States. Journal of Environmental Management, 2009, 90, 1-7.	7.8	35
197	Rapid assessment of urban wetlands: Functional assessment model development and evaluation. Wetlands, 2009, 29, 261-276.	1.5	8
198	Identifying regional differences in threshold responses of aquatic invertebrates to land cover gradients. Ecological Indicators, 2009, 9, 556-567.	6.3	109
199	Downstream variation in bankfull width of wadeable streams across the conterminous United States. Geomorphology, 2009, 108, 292-311.	2.6	56

#	Article	IF	CITATIONS
200	Exploring the role of vegetation fragmentation on aquatic conditions: Linking upland with riparian areas in Puget Sound lowland streams. Landscape and Urban Planning, 2009, 90, 66-75.	7.5	52
201	Passerine Breeding and Post-Fledgling Habitat Use in Riparian and Upland Temperate Forests of the American Midwest. Condor, 2009, 111, 756-762.	1.6	16
202	Urban Aquatic Ecosystems., 2009,, 367-377.		2
203	Twenty-six key research questions in urban stream ecology: an assessment of the state of the science. Journal of the North American Benthological Society, 2009, 28, 1080-1098.	3.1	312
204	Classifying the biological condition of small streams: an example using benthic macroinvertebrates. Journal of the North American Benthological Society, 2009, 28, 869-884.	3.1	31
205	Fish Assemblage of a Cypress Wetland within an Urban Landscape. Southeastern Naturalist, 2009, 8, 527-536.	0.4	3
206	Modelling landâ€cover types using multiple endmember spectral mixture analysis in a desert city. International Journal of Remote Sensing, 2009, 30, 2237-2257.	2.9	45
207	Detection of flooding responses at the river basin scale enhanced by land use change. Water Resources Research, 2009, 45, .	4.2	39
208	Determining Effective Impervious Area for Urban Hydrologic Modeling. Journal of Hydrologic Engineering - ASCE, 2009, 14, 111-120.	1.9	77
209	Bedload Composition and Development of 2D Stream Sediment Model for Stream Restoration Design Applications in Urbanizing Watersheds. , 2009, , .		1
210	Land Use and Runoff Uncertainty., 2009,,.		1
211	A Monitoring and Assessment Framework to Evaluate Stream Restoration Needs in Urbanizing Watersheds., 2009,,.		1
212	Performance Assessment of a Streetâ€Drainage Bioretention System. Water Environment Research, 2010, 82, 109-119.	2.7	83
213	Runoff and Infiltration Dynamics on Pervious Paver Surfaces., 2010,,.		1
214	The Potential for Green Infrastructure Practices to Reduce Combined Sewer Overflows as Examined in Nashville, Tennessee. , 2010, , .		2
215	Modeling the Relations Between Flow Regime Components, Species Traits, and Spawning Success of Fishes in Warmwater Streams. Environmental Management, 2010, 46, 181-194.	2.7	34
216	Impact of urban development on aquatic macroinvertebrates in south eastern Australia: degradation of in-stream habitats and comparison with non-urban streams. Aquatic Ecology, 2010, 44, 685-700.	1.5	36
217	Climate change impacts on streamflow extremes and summertime stream temperature and their possible consequences for freshwater salmon habitat in Washington State. Climatic Change, 2010, 102, 187-223.	3.6	390

#	Article	IF	Citations
218	Precipitation extremes and the impacts of climate change on stormwater infrastructure in Washington State. Climatic Change, 2010, 102, 319-349.	3.6	177
219	Analysis of fish communities along a rural–urban gradient in a neotropical stream (Piracicaba River) Tj ETQq1 1	0.784314	1 rgBT /Overl
220	Determination of biologically significant hydrologic condition metrics in urbanizing watersheds: an empirical analysis over a range of environmental settings. Hydrobiologia, 2010, 654, 27-55.	2.0	16
221	Isolating the impact of sediment toxicity in urban streams. Environmental Pollution, 2010, 158, 1716-1725.	7.5	47
222	Flood hazard awareness and hydrologic modelling at Ambos Nogales, United States–Mexico border. Journal of Flood Risk Management, 2010, 3, 151-165.	3.3	48
223	Assessing contaminated sediments in the context of multiple stressors. Environmental Toxicology and Chemistry, 2010, 29, 2625-2643.	4.3	134
224	Maintaining ecological integrity and sustaining ecosystem function in urban areas. Current Opinion in Environmental Sustainability, 2010, 2, 178-184.	6.3	200
225	Changes in abiotic and biotic phosphorus uptake across a gradient of stream condition. River Research and Applications, 2010, 26, 636-649.	1.7	17
226	Contrasting stream stability characteristics in adjacent urban watersheds: Santa Clara Valley, California. River Research and Applications, 2010, 26, 1281-1297.	1.7	40
227	Towards a functional understanding of the effects of sediment aggradation on stream fish condition. River Research and Applications, 2010, 26, 1298-1314.	1.7	23
228	Denitrification Potential, Root Biomass, and Organic Matter in Degraded and Restored Urban Riparian Zones. Restoration Ecology, 2010, 18, 113-120.	2.9	99
229	Evaluation of the National Land Cover Database for Hydrologic Applications in Urban and Suburban Baltimore, Maryland $<$ sup $>$ 1 $<$ /sup $>$. Journal of the American Water Resources Association, 2010, 46, 429-442.	2.4	32
230	Analyses of Urban Drainage Network Structure and its Impact on Hydrologic Response $<$ sup $>$ 1 $<$ /sup $>$. Journal of the American Water Resources Association, 2010, 46, 932-943.	2.4	108
231	Effects of Geomorphic Setting and Urbanization on Wood, Pools, Sediment Storage, and Bank Erosion in Puget Sound Streams ¹ . Journal of the American Water Resources Association, 2010, 46, 972-986.	2.4	23
232	Heterogeneity of Hydrologic Response in Urban Watersheds ¹ . Journal of the American Water Resources Association, 2010, 46, 1221-1237.	2.4	37
233	Evolution of Low Impact Development in the Puget Sound Region. , 2010, , .		0
234	Comparison of Changes in Runoff and Channel Cross-sectional Area as a Consequence of Urbanization for Three Chattahoochee River Subbasins, Georgia, USA. Southeastern Geographer, 2010, 50, 468-483.	0.2	2
235	Low Impact Development Designâ€"Integrating Suitability Analysis and Site Planning for Reduction of Post-Development Stormwater Quantity. Sustainability, 2010, 2, 2467-2482.	3.2	20

#	Article	IF	CITATIONS
236	Estimativa de \tilde{A}_i rea impermeabilizada diretamente conectada e sua utiliza \tilde{A} § \tilde{A} £o como coeficiente de escoamento superficial. Engenharia Sanitaria E Ambiental, 2010, 15, 19-28.	0.5	6
237	Effect of Road Salt Application on Seasonal Chloride Concentrations and Toxicity in Southâ€Central Indiana Streams. Journal of Environmental Quality, 2010, 39, 1036-1042.	2.0	57
238	Incentive Index Developed to Evaluate Storm-Water Low-Impact Designs. Journal of Environmental Engineering, ASCE, 2010, 136, 1341-1346.	1.4	19
239	Differential Effects of Urbanization and Non-Natives on Imperiled Stream Species. Northeastern Naturalist, 2010, 17, 593-614.	0.3	9
241	Modeling and Sizing Bioretention Using Flow Duration Control. Journal of Hydrologic Engineering - ASCE, 2010, 15, 417-425.	1.9	38
242	Hydroclimatic Response of Watersheds to Urban Intensity: An Observational and Modeling-Based Analysis for the White River Basin, Indiana. Journal of Hydrometeorology, 2010, 11, 122-138.	1.9	74
243	Modeling Impervious Area Disconnection with SWMM. , 2010, , .		0
244	Land use effects on water quality in the urban agglomeration of CuiabÃ; and Várzea Grande, Mato Grosso State, central Brazil. Urban Water Journal, 2010, 7, 173-186.	2.1	22
245	Combined Effects of Impervious Surface and Vegetation Cover on Air Temperature Variations in a Rapidly Expanding Desert City. GIScience and Remote Sensing, 2010, 47, 301-320.	5.9	79
246	Designing Storm-Water Controls to Promote Sustainable Ecosystems: Science and Application. Journal of Hydrologic Engineering - ASCE, 2010, 15, 504-511.	1.9	27
247	Judging a Brook by Its Cover: The Relation between Ecological Condition of a Stream and Urban Land Cover in New England. Northeastern Naturalist, 2010, 17, 29-48.	0.3	11
248	Ecological engineering in a new town development: Drainage design in The Woodlands, Texas. Ecological Engineering, 2010, 36, 1639-1650.	3.6	26
249	Experimental evaluation of design methods for in-site detention ponds. International Journal of Sediment Research, 2010, 25, 52-63.	3.5	10
250	Modeling Techniques of Best Management Practices: Rain Barrels and Rain Gardens Using EPA SWMM-5. Journal of Hydrologic Engineering - ASCE, 2010, 15, 434-443.	1.9	85
251	Responses of benthic macroinvertebrates to environmental changes associated with urbanization in nine metropolitan areas. Ecological Applications, 2010, 20, 1384-1401.	3.8	180
252	Habitat Suitability of the Carolina Madtom, an Imperiled, Endemic Stream Fish. Transactions of the American Fisheries Society, 2010, 139, 325-338.	1.4	14
253	Ecotourism Potential of Gallipoli Peninsula Historical National Park. Journal of Coastal Research, 2010, 263, 562-568.	0.3	9
254	Downstream Effects of Urbanization on Stillwater Creek, Oklahoma. Physical Geography, 2010, 31, 186-201.	1.4	11

#	Article	IF	CITATIONS
255	Predicting Future Changes in Muskegon River Watershed Game Fish Distributions under Future Land Cover Alteration and Climate Change Scenarios. Transactions of the American Fisheries Society, 2010, 139, 396-412.	1.4	27
256	Urban watershed management: Using remote sensing to implement Low Impact Development. , 2010, , .		1
257	Interregional variation in urbanization-induced geomorphic change and macroinvertebrate habitat colonization in headwater streams. Journal of the North American Benthological Society, 2011, 30, 25-37.	3.1	20
258	From Natural to Degraded Rivers and Back Again. Advances in Ecological Research, 2011, 44, 119-209.	2.7	207
259	Effects of urbanization and urban stream restoration on the physical and biological structure of stream ecosystems., 2011, 21, 1932-1949.		221
260	High-resolution land cover datasets, composite curve numbers, and storm water retention in the Tampa Bay, FL region. Applied Geography, 2011, 31, 740-747.	3.7	16
261	The impact of urban development on hydrologic regime from catchment to basin scales. Landscape and Urban Planning, 2011, 103, 237-247.	7.5	95
262	Improving the quantification of land cover pressure on stream ecological status at the riparian scale using High Spatial Resolution Imagery. Physics and Chemistry of the Earth, 2011, 36, 549-559.	2.9	20
263	Predicting Hydromodification Impacts Using a Four Factor Approach., 2011,,.		0
264	Landscape Ecotoxicology of Coho Salmon Spawner Mortality in Urban Streams. PLoS ONE, 2011, 6, e23424.	2.5	38
265	Effects of Urbanization on Occupancy of Stream Salamanders. Conservation Biology, 2011, 25, 547-555.	4.7	49
266	How do flow peaks and durations change in suburbanizing semi-arid watersheds? A southern California case study. Journal of Hydrology, 2011, 405, 69-82.	5.4	107
267	Stormwater control measure (SCM) design standards to limit stream erosion for Piedmont North Carolina. Journal of Hydrology, 2011, 411, 185-196.	5.4	34
268	Environmental and social predictors of phosphorus in urban streams on the Island of Montréal, Québec. Urban Ecosystems, 2011, 14, 485-499.	2.4	22
269	The concept of threshold and its potential application to landscape planning. Landscape and Ecological Engineering, 2011, 7, 275-282.	1.5	22
270	Identification and quantification of the hydrological impacts of imperviousness in urban catchments: A review. Journal of Environmental Management, 2011, 92, 1438-1448.	7.8	420
271	Assessing Hydrologic Change in Surface-Mined Watersheds Using the Curve Number Method. Journal of Hydrologic Engineering - ASCE, 2011, 16, 575-584.	1.9	7
272	Testing the Field of Dreams Hypothesis: functional responses to urbanization and restoration in stream ecosystems., 2011, 21, 1972-1988.		117

#	Article	IF	CITATIONS
273	Impacts of urbanisation on river systems and their functions in Yanggong River watershed of Lijiang City. International Journal of Sustainable Development and World Ecology, 2011, 18, 498-502.	5.9	10
274	The effects of catchment land use on water quality and macroinvertebrate assemblages in Otara Creek, New Zealand. Chemistry and Ecology, 2011, 27, 445-460.	1.6	13
275	Laboratory Simulation of Urban Runoff and Estimation of Runoff Hydrographs with Experimental Curve Numbers Implemented in USEPA SWMM. Journal of Irrigation and Drainage Engineering - ASCE, 2011, 137, 343-351.	1.0	12
276	How novel is too novel? Stream community thresholds at exceptionally low levels of catchment urbanization., 2011, 21, 1659-1678.		136
277	Do Upslope Impervious Surfaces Impact the Run-on/Runoff Relationship?. Journal of Hydrologic Engineering - ASCE, 2011, 16, 345-350.	1.9	4
278	Use of River2D Hydrodynamic Model for Stream Restoration Assessment and Design. , 2011, , .		2
279	Hydrological impacts evaluation of pervious pavement based on a storm water management model. , 2011, , .		0
280	Has urbanization changed ecological streamflow characteristics in Maine (USA)?. Hydrological Sciences Journal, 2012, 57, 1337-1354.	2.6	15
281	Increasing Stream Geomorphic Stability Using Storm Water Control Measures in a Densely Urbanized Watershed. Journal of Hydrologic Engineering - ASCE, 2012, 17, 1381-1388.	1.9	28
282	Effects of riparian vegetation and bottom substrate on macroinvertebrate communities at selected sites in the Otara Creek, New Zealand. Journal of Integrative Environmental Sciences, 2012, 9, 131-150.	2.5	7
283	Environmental Reviews and Case Studies: Shale Gas Development and Brook Trout: Scaling Best Management Practices to Anticipate Cumulative Effects. Environmental Practice, 2012, 14, 366-381.	0.3	14
287	Is Catchment Imperviousness a Keystone Factor Degrading Urban Waterways? A Case Study from a Partly Urbanised Catchment (Georges River, South-Eastern Australia). Water, Air, and Soil Pollution, 2012, 223, 5331-5344.	2.4	32
288	Targeting treatment technologies to address specific stormwater pollutants and numeric discharge limits. Water Research, 2012, 46, 6715-6730.	11.3	71
289	Fate of Naphthalene in Laboratory-Scale Bioretention Cells: Implications for Sustainable Stormwater Management. Environmental Science & Environmental	10.0	58
290	Key factors for biodiversity of surface waters in climate proof cities. Resources, Conservation and Recycling, 2012, 64, 56-62.	10.8	8
291	The effects of local and regional environmental factors on the structure of fish assemblages in the Pirapó Basin, Southern Brazil. Landscape and Urban Planning, 2012, 105, 336-344.	7. 5	53
292	External geo-information in the segmentation of VHR imagery improves the detection of imperviousness in urban neighborhoods. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 428-435.	2.8	17
293	Elevated air temperatures in riparian ecosystems along ephemeral streams: The role of housing density. Journal of Arid Environments, 2012, 84, 9-18.	2.4	9

#	Article	IF	CITATIONS
294	Identification and Induction of Human, Social, and Cultural Capitals through an Experimental Approach to Stormwater Management. Sustainability, 2012, 4, 1669-1682.	3.2	55
295	Risk: A Fundamental Barrier to the Implementation of Low Impact Design Infrastructure for Urban Stormwater Control. Journal of Sustainable Development, 2012, 5, .	0.3	20
296	A MULTITAXONOMIC APPROACH TO UNDERSTANDING LOCAL―VERSUS WATERSHEDâ€5CALE INFLUENCES ON STREAM BIOTA IN THE LAKE CHAMPLAIN BASIN, VERMONT, USA. River Research and Applications, 2012, 28, 973-988.	1.7	4
297	Effects of urbanization on macroinvertebrates in tributaries of the St. Johns River, Florida, USA. Urban Ecosystems, 2012, 15, 347-365.	2.4	16
298	Linking urban form, land cover pattern, and hydrologic flow regime in the Puget Sound Lowland. Urban Ecosystems, 2012, 15, 437-450.	2.4	2
299	Evaluating impervious surface growth and its impacts on water environment in Beijing-Tianjin-Tangshan Metropolitan Area. Journal of Chinese Geography, 2012, 22, 535-547.	3.9	34
300	Increased Frequency of Lowâ€Magnitude Floods in New England ¹ . Journal of the American Water Resources Association, 2012, 48, 306-320.	2.4	47
301	Bankfull Regional Curves for the Inner and Outer Bluegrass Regions of Kentucky ¹ . Journal of the American Water Resources Association, 2012, 48, 391-406.	2.4	13
302	Metals, nutrients and total suspended solids discharged during different flow conditions in highly urbanised catchments. Environmental Monitoring and Assessment, 2012, 184, 637-653.	2.7	48
303	HOW PROXIMITY OF LAND USE AFFECTS STREAM FISH AND HABITAT. River Research and Applications, 2013, 29, 891-905.	1.7	16
304	Impervious surface impact on water quality in the process of rapid urbanization in Shenzhen, China. Environmental Earth Sciences, 2013, 68, 2365-2373.	2.7	71
305	Climate Vulnerabilities and Adaptation of Urban Water Infrastructure Systems., 2013,, 87-107.		11
306	Urban aquatic ecosystems: Habitat loss and depletion of native macrophyte diversity during the 20th century in four Swiss cities. Urban Ecosystems, 2013, 16, 543-551.	2.4	12
307	Quantifying impervious surface changes using time series planimetric data from 1940 to 2011 in four central lowa cities, U.S.A. Landscape and Urban Planning, 2013, 120, 34-47.	7.5	21
308	Do stormwater source control policies deliver the right hydrologic outcomes?. Journal of Hydrology, 2013, 485, 188-200.	5.4	74
309	A high resolution application of a stormwater management model (SWMM) using genetic parameter optimization. Urban Water Journal, 2013, 10, 394-410.	2.1	100
310	The magnitude of variability produced by methods used to estimate annual stormwater contaminant loads for highly urbanised catchments. Environmental Monitoring and Assessment, 2013, 185, 5209-5220.	2.7	8
311	A LiDAR-Based Analysis of Stream Channel Cross Section Change Across an Urban–Rural Land-Use Boundary. Professional Geographer, 2013, 65, 296-311.	1.8	10

#	ARTICLE	IF	CITATIONS
312	Effect of development on water quality for seven streams in North Carolina. Environmental Monitoring and Assessment, 2013, 185, 6277-6289.	2.7	14
313	Sensitivity analysis of environmental changes associated with riverscape evolutions following sediment reintroduction: geomatic approach on the Drôme River network, France. International Journal of River Basin Management, 2013, 11, 19-32.	2.7	23
314	Bed coarsening, riffle shortening, and channel enlargement in urbanizing watersheds, northern Kentucky, USA. Geomorphology, 2013, 201, 111-126.	2.6	64
315	Understanding, management and modelling of urban hydrology and its consequences for receiving waters: A state of the art. Advances in Water Resources, 2013, 51, 261-279.	3.8	663
316	Influences on the spatial pattern of soil carbon and nitrogen in forested and non-forested riparian zones in the Atlantic Coastal Plain of the Delaware River Basin. Forest Ecology and Management, 2013, 302, 200-209.	3.2	15
317	Catchment-scale hydrologic implications of parcel-level stormwater management (Ohio USA). Journal of Hydrology, 2013, 485, 177-187.	5.4	85
318	13.3 Land-Use Impacts on the Hydrogeomorphology of Small Watersheds. , 2013, , 28-47.		31
319	Predicting Hydromodification Impacts Using a Four Factor Approach. Proceedings of the Water Environment Federation, 2013, 2013, 1491-1500.	0.0	0
320	Eliciting Stakeholders' Preferences for Low-Impact Design Incentives: Conjoint Analysis Approach. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2013, 5, 180-190.	1.4	3
321	Paved Area Reduction Factors under Temporally VariedRainfall and Infiltration. Journal of Irrigation and Drainage Engineering - ASCE, 2013, 139, 173-179.	1.0	4
322	The shortcomings of "passive―urban river restoration after low-head dam removal, Ottawa River (northwestern Ohio, USA) <subtitle>What the sedimentary record can teach us</subtitle> ., 2013, , .		3
323	Reachâ€Scale Geomorphic and Biological Effects of Localized Streambank Armoring. Journal of the American Water Resources Association, 2013, 49, 780-792.	2.4	11
324	Assessing the Practice and Challenges of Stream Restoration in Urbanized Environments of the USA. Geography Compass, 2013, 7, 358-372.	2.7	8
325	Curve Number Derivation for Watersheds Draining Two Headwater Streams in Lower Coastal Plain South Carolina, USA. Journal of the American Water Resources Association, 2013, 49, 1284-1295.	2.4	21
326	Improving the performance of stormwater detention basins by real-time control using rainfall forecasts. Urban Water Journal, 2013, 10, 230-246.	2.1	67
327	Green Infrastructure Design for Stormwater Runoff and Water Quality: Empirical Evidence from Large Watershed-Scale Community Developments. Water (Switzerland), 2013, 5, 2038-2057.	2.7	47
328	Monitoring Land-Use and Land-Cover Change in the Eastern Gulf Coastal Plain 3 using Multi-temporal Landsat imagery. Journal of Geophysics & Remote Sensing, 2013, 02, .	0.3	2
329	Using the Storm Water Management Model to predict urban headwater stream hydrological response to climate and land cover change. Hydrology and Earth System Sciences, 2013, 17, 4743-4758.	4.9	40

#	Article	IF	Citations
330	Contribution of directly connected and isolated impervious areas to urban drainage network hydrographs. Hydrology and Earth System Sciences, 2013, 17, 3473-3483.	4.9	19
331	Small Reservoir Distribution, Rate of Construction, and Uses in the Upper and Middle Chattahoochee Basins of the Georgia Piedmont, USA, 1950–2010. ISPRS International Journal of Geo-Information, 2014, 3, 460-480.	2.9	14
332	Urban Land Pattern Impacts on Floods in a New District of China. Sustainability, 2014, 6, 6488-6508.	3.2	29
334	Impacts of Spatial Distribution of Impervious Areas on Runoff Response of Hillslope Catchments: Simulation Study. Journal of Hydrologic Engineering - ASCE, 2014, 19, 1089-1100.	1.9	29
335	Hydroclimatic flood trends in the northeastern United States and linkages with large-scale atmospheric circulation patterns. Hydrological Sciences Journal, 2014, 59, 1636-1655.	2.6	42
336	The eco-social transformation of urban wetlands: A case study of Colombo, Sri Lanka. Landscape and Urban Planning, 2014, 132, 55-68.	7.5	49
337	Infiltrating into the paved garden – a functional evaluation of parcel imperviousness in terms of water retention efficiency. Journal of Environmental Planning and Management, 2014, 57, 1552-1571.	4.5	6
338	Flow, Organic, and Inorganic Sediment Yields from a Channelized Watershed in the South Carolina Lower Coastal Plain. Journal of the American Water Resources Association, 2014, 50, 943-962.	2.4	3
339	Regional risk assessment of the Puyallup River Watershed and the evaluation of low impact development in meeting management goals. Integrated Environmental Assessment and Management, 2014, 10, 269-278.	2.9	31
340	The Comparative Accuracy of Two Hydrologic Models in Simulating Warmâ€Season Runoff for Two Small, Hillslope Catchments. Journal of the American Water Resources Association, 2014, 50, 434-447.	2.4	8
341	Sediment budget approach to understanding historical stages of the Ottawa River in the context of land-use change, northwestern Ohio and southeastern Michigan, USA. Anthropocene, 2014, 7, 42-56.	3.3	5
342	Congruence of community thresholds in response to anthropogenic stress in Great Lakes coastal wetlands. Freshwater Science, 2014, 33, 958-971.	1.8	34
343	Characterizing a Major Urban Stream Restoration Project: Nine Mile Run (Pittsburgh, Pennsylvania,) Tj ETQq0 0 0) rgBT /Ove	erlock 10 Tf 5
344	Pollutant association with suspended solids in stormwater in Tijuana, Mexico. International Journal of Environmental Science and Technology, 2014, 11, 319-326.	3.5	26
345	Localâ€scale and watershedâ€scale determinants of summertime urban stream temperatures. Hydrological Processes, 2014, 28, 2427-2438.	2.6	23
346	Spatial resolution considerations for urban hydrological modelling. Journal of Hydrology, 2014, 512, 482-497.	5.4	116
347	Reconstruction of a century of landscape modification and hydrologic change in a small urban watershed in Pittsburgh, PA. Landscape Ecology, 2014, 29, 413-424.	4.2	19
348	The potential and limitations of linking biological monitoring data and restoration needs of urbanized waterways: a case study. Environmental Monitoring and Assessment, 2014, 186, 3859-3873.	2.7	9

#	Article	IF	Citations
349	A multiâ€scale statistical approach to assess the effects of connectivity of road and stream networks on geomorphic channel condition. Earth Surface Processes and Landforms, 2014, 39, 1538-1549.	2.5	15
350	Tracking evolution of urban biogeochemical cycles: past, present, and future. Biogeochemistry, 2014, 121, 1-21.	3.5	122
351	Mediating effect of stream geometry on the relationship between urban land use and biological index. Paddy and Water Environment, 2014, 12, 157-168.	1.8	6
352	Protection of stream ecosystems from urban stormwater runoff. Progress in Physical Geography, 2014, 38, 543-555.	3.2	58
353	Assessing impact of urban impervious surface on watershed hydrology using distributed object-oriented simulation and spatial regression. Geo Journal, 2014, 79, 155-166.	3.1	12
354	Field Test of Paved Area Reduction Factors Using a Storm Water Management Model and Water Quality Test Site. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, .	1.0	6
355	Valuing green infrastructure in Portland, Oregon. Landscape and Urban Planning, 2014, 124, 14-21.	7.5	77
356	Comparisons of regression tree models for sub-pixel imperviousness estimation in a Gulf Coast city of Mississippi, USA. International Journal of Remote Sensing, 2014, 35, 3722-3740.	2.9	7
357	Ecohydraulic-driven real-time control of stormwater basins. Journal of Hydrology, 2014, 511, 82-91.	5.4	48
358	The nature and source of irregular discharges to stormwater entering Sydney estuary, Australia. Environmental Pollution, 2014, 188, 172-176.	7.5	7
359	Slowflow fingerprints of urban hydrology. Journal of Hydrology, 2014, 515, 116-128.	5.4	23
360	Spatial targeting of agri-environmental policy and urban development. Ecological Economics, 2014, 101, 33-42.	5.7	8
361	From ecosystems to ecosystem services: Stream restoration as ecological engineering. Ecological Engineering, 2014, 65, 62-70.	3.6	179
362	Stormwater quality improvement potential of an urbanised catchment using water sensitive retrofits into public parks. Urban Forestry and Urban Greening, 2014, 13, 315-324.	5.3	16
363	Ecologically relevant geomorphic attributes of streams are impaired by even low levels of watershed effective imperviousness. Geomorphology, 2014, 206, 67-78.	2.6	89
364	Ecological benefit of the road salt code of practice. Water Quality Research Journal of Canada, 2014, 49, 43-52.	2.7	17
365	Effects of Urbanization and Climate Change on Stream Health in North-Central Texas. Journal of Environmental Quality, 2014, 43, 100-109.	2.0	20
366	Land cover effects on runoff patterns in eastern Piedmont (USA) watersheds. Hydrological Processes, 2014, 28, 1525-1538.	2.6	26

#	Article	IF	CITATIONS
367	A comparison of nutrient export at two agricultural catchments: insight into the effect of increasing urban land cover in southern Ontario. Hydrological Processes, 2014, 28, 4328-4339.	2.6	6
368	Rainwater Tank Systems for Urban Water Supply: Design, Yield, Energy, Health Risks, Economics and Social Perceptions. Water Intelligence Online, 0, 14, .	0.3	5
369	Assessing California's bar-built estuaries using the California Rapid Assessment Method. Ecological Indicators, 2015, 58, 300-310.	6.3	12
370	Interactions of Soils and Land Uses with Water Quantity and Quality., 2015,, 101-126.		3
371	Improved Protocol for Classification and Analysis of Stormwater-Borne Solids. Water Intelligence Online, 2015, 6, 9781780403779-9781780403779.	0.3	4
372	Urban Impacts on the Water Cycle and Potential Green Infrastructure Implications. Agronomy, 0, , 277-296.	0.2	8
373	Urban Stream Ecology. Agronomy, 2015, , 341-352.	0.2	0
374	Urban Riparian Function. Agronomy, 2015, , 253-275.	0.2	1
375	Chemistry of Urban, Suburban, and Rural Surface Waters. Agronomy, 0, , 297-339.	0.2	9
376	Anthropogenic controls from urban growth on flow regimes. Advances in Water Resources, 2015, 84, 125-135.	3.8	18
377	Change in event-scale hydrologic response in two urbanizing watersheds of the Great Lakes St Lawrence Basin 1969–2010. Journal of Hydrology, 2015, 527, 1174-1188.	5.4	9
378	A landscape measure of urban stormwater runoff effects is a better predictor of stream condition than a suite of hydrologic factors. Ecohydrology, 2015, 8, 160-171.	2.4	29
379	Herbaceous Versus Forested Riparian Vegetation: Narrow and Simple Versus Wide, Woody and Diverse Stream Habitat. River Research and Applications, 2015, 31, 847-857.	1.7	25
380	Terrestrial and Longitudinal Linkages of Headwater Streams. Southeastern Naturalist, 2015, 14, 65-86.	0.4	8
381	Low Impact Development Practices: A Review of Current Research and Recommendations for Future Directions. Ecological Chemistry and Engineering S, 2015, 22, 543-563.	1.5	26
382	Storm runoff response to rainfall pattern, magnitude and urbanization in a developing urban catchment. Hydrological Processes, 2016, 30, 543-557.	2.6	66
383	Hydrologic changes resulting from urban cover in seasonally snowâ€covered catchments. Hydrological Processes, 2015, 29, 1280-1288.	2.6	9
384	Effects of Land Cover on Streamflow Variability in a Small Iowa Watershed: Assessing Future Vulnerabilities. American Journal of Environmental Sciences, 2015, 11, 186-198.	0.5	7

#	Article	IF	CITATIONS
385	Urban Evolution: The Role of Water. Water (Switzerland), 2015, 7, 4063-4087.	2.7	72
386	A unique assemblage of cosmopolitan freshwater bacteria and higher community diversity differentiate an urbanized estuary from oligotrophic Lake Michigan. Frontiers in Microbiology, 2015, 6, 1028.	3.5	91
387	Trends in Developed Land Cover Adjacent to Habitat for Threatened Salmon in Puget Sound, Washington, U.S.A PLoS ONE, 2015, 10, e0124415.	2.5	15
388	Amending Soils for Enhanced Infiltration of Stormwater. , 2015, , .		0
389	Defining Predevelopment Hydrologic Reference Conditions in North Carolina, USA: Preliminary Results., 2015,,.		0
390	Influence of a forest preserve on aquatic macroinvertebrates, habitat quality, and water quality in an urban stream. Urban Ecosystems, 2015, 18, 989-1006.	2.4	10
391	Change in event-scale hydrologic response in two urbanizing watersheds of the Great Lakes St Lawrence Basin 1969–2010. Journal of Hydrology, 2015, 523, 650-662.	5.4	9
392	Flow-Regime Management at the Urban Land-Parcel Scale: Test of Feasibility. Journal of Hydrologic Engineering - ASCE, 2015, 20, .	1.9	14
393	Use of Multiobjective Evolutionary Algorithm Optimization for Low-Impact Development Placement. , 2015, , .		5
394	A simple model of flow-rate attenuation in sewer systems. Application to urban stormwater source control. Journal of Hydrology, 2015, 522, 534-543.	5.4	5
395	Evaluating a Great Lakes scale landscape stressor index to assess water quality in the St. Louis River Area of Concern. Journal of Great Lakes Research, 2015, 41, 99-110.	1.9	8
396	Rehabilitation of concrete canals in urban catchments using low impact development techniques. Journal of Hydrology, 2015, 523, 309-319.	5.4	41
397	Assessment of Regional Variation in Streamflow Responses to Urbanization and the Persistence of Physiography. Environmental Science & Environmental Sc	10.0	65
398	Green infrastructure stormwater management at the watershed scale: urban variable source area and watershed capacitance. Hydrological Processes, 2015, 29, 2268-2274.	2.6	65
399	Ecohydrology in semiarid urban ecosystems: Modeling the relationship between connected impervious area and ecosystem productivity. Water Resources Research, 2015, 51, 302-319.	4.2	38
400	Review of Dissolved Pollutants in Urban Storm Water and Their Removal and Fate in Bioretention Cells. Journal of Environmental Engineering, ASCE, 2015, 141, .	1.4	242
401	Retrofitting with innovative stormwater control measures: Hydrologic mitigation of impervious cover in the municipal right-of-way. Journal of Hydrology, 2015, 527, 923-932.	5.4	39
402	Assessment of LID practices for restoring pre-development runoff regime in an urbanized catchment in southern Finland. Water Science and Technology, 2015, 71, 1485-1491.	2.5	54

#	Article	IF	CITATIONS
403	Hydrologic Performance of a Transitioned Infiltration Basin Managing Highway Runoff. Journal of Sustainable Water in the Built Environment, 2015, 1 , .	1.6	16
404	Forested and agricultural land use impacts on subsurface floodplain storage capacity using coupled vadose zone-saturated zone modeling. Environmental Earth Sciences, 2015, 74, 7215-7228.	2.7	16
405	Field infiltration measurements in grassed roadside drainage ditches: Spatial and temporal variability. Journal of Hydrology, 2015, 530, 604-611.	5.4	44
406	Laboratory Evaluation of Flow Sensor Technology for Use in Storm Sewer Measurements. , 2015, , .		O
407	Development of Simulation-Optimization Model (MUSIC-GA) for Urban Stormwater Management. Water Resources Management, 2015, 29, 4649-4665.	3.9	22
408	From Rain Tanks to Catchments: Use of Low-Impact Development To Address Hydrologic Symptoms of the Urban Stream Syndrome. Environmental Science & Environmental Science & 11264-11280.	10.0	129
409	Detectability and Interpretational Uncertainties: Considerations in Gauging the Impacts of Land Disturbance on Streamflow. Journal of Hydrologic Engineering - ASCE, 2015, 20, 04014088.	1.9	1
410	Effects of urban form on wadi flow frequency analysis in the Wadi Aday watershed in Muscat, Oman. Urban Water Journal, 2015, 12, 263-274.	2.1	15
411	Restoring riffle-pool structure in an incised, straightened urban stream channel using an ecohydraulic modeling approach. Ecological Engineering, 2015, 78, 112-126.	3.6	29
412	Stormwater Infrastructure Controls Runoff and Dissolved Material Export from Arid Urban Watersheds. Ecosystems, 2015, 18, 62-75.	3.4	70
413	Analysis of urban impacts on aquatic habitats in the central Amazon basin: Adult odonates as bioindicators of environmental quality. Ecological Indicators, 2015, 48, 303-311.	6.3	104
414	Using watershedâ€scale hydrological models to predict the impacts of increasing urbanization on freshwater fish assemblages. Ecohydrology, 2015, 8, 273-285.	2.4	21
415	Water displacement by sewer infrastructure and its effect on the water quality in rivers. Ecological Indicators, 2015, 48, 22-30.	6.3	3
416	Analytical Equation for Estimating the Stormwater Capture Efficiency of Permeable Pavement Systems. Journal of Irrigation and Drainage Engineering - ASCE, 2015, 141, .	1.0	20
417	Influence of urbanization on a karst terrain stream and fish community. Urban Ecosystems, 2015, 18, 293-320.	2.4	15
418	Surface Water Quality and Landscape Gradients in the North Carolina Cape Fear River Basin: The Key Role of Fecal Coliform. Southeastern Geographer, 2016, 56, 428-453.	0.2	8
419	Influences of Land Use Change on Baseflow in Mountainous Watersheds. Forests, 2016, 7, 16.	2.1	27
420	Identifying Watershed, Landscape, and Engineering Design Factors that Influence the Biotic Condition of Restored Streams. Water (Switzerland), 2016, 8, 151.	2.7	2

#	ARTICLE	IF	CITATIONS
421	Extent of Stream Burial and Relationships to Watershed Area, Topography, and Impervious Surface Area. Water (Switzerland), 2016, 8, 538.	2.7	20
422	Parameterization of a Hydrological Model for a Large, Ungauged Urban Catchment. Water (Switzerland), 2016, 8, 443.	2.7	10
423	Urban flooding and groundâ€related homes in Canada: an overview. Journal of Flood Risk Management, 2016, 9, 208-223.	3.3	23
424	Predictors of urban variable source area: a crossâ€sectional analysis of urbanized catchments in the United States. Hydrological Processes, 2016, 30, 4799-4814.	2.6	28
425	Costâ€effective conservation of an endangered frog under uncertainty. Conservation Biology, 2016, 30, 350-361.	4.7	18
426	1/ <i>f</i> noise analyses of urbanization effects on streamflow characteristics. Hydrological Processes, 2016, 30, 1651-1664.	2.6	7
427	Temporal Trends in the Spatial Distribution of Impervious Cover Relative to Stream Location. Journal of the American Water Resources Association, 2016, 52, 409-419.	2.4	4
428	Assessing the effects of catchmentâ€scale urban green infrastructure retrofits on hydrograph characteristics. Hydrological Processes, 2016, 30, 1536-1550.	2.6	95
429	Environmental Determinates of Stream Caddisfly (Trichoptera) Diversity in Eastern Texas, USA. Transactions of the Kansas Academy of Science, 2016, 119, 281-298.	0.1	3
430	Addressing the urban stream disturbance regime. Freshwater Science, 2016, 35, 278-292.	1.8	59
432	Adaptive measurements of urban runoff quality. Water Resources Research, 2016, 52, 8986-9000.	4.2	19
433	Modeling approaches to detect land-use changes: Urbanization analyzed on a set of 43 US catchments. Journal of Hydrology, 2016, 538, 138-151.	5.4	20
434	Urban green spaces, their spatial pattern, and ecosystem service value: The case of Beijing. Habitat International, 2016, 56, 84-95.	5.8	77
435	Influences of hydrogeomorphology and chemical water quality on fish assemblages in the Nevėžis River, Lithuania: implications for river basin management plans in the Baltics. Environmental Monitoring and Assessment, 2016, 188, 109.	2.7	2
436	Empirical assessment of effects of urbanization on event flow hydrology in watersheds of Canada's Great Lakes-St Lawrence basin. Journal of Hydrology, 2016, 541, 1456-1474.	5.4	21
437	Urban Surface Characteristics Study Using Time-area Function Model: A Case Study in Saudi Arabia. Procedia Engineering, 2016, 154, 911-918.	1.2	0
438	Ecological resistance in urban streams: the role of natural and legacy attributes. Freshwater Science, 2016, 35, 380-397.	1.8	55
439	Groundwater loading of nitrate-nitrogen and phosphorus from watershed source areas to an Iowa Great Lake. Journal of Great Lakes Research, 2016, 42, 588-598.	1.9	14

#	Article	IF	CITATIONS
440	Urban base flow with low impact development. Hydrological Processes, 2016, 30, 3156-3171.	2.6	84
441	Will it rise or will it fall? Managing the complex effects of urbanization on base flow. Freshwater Science, 2016, 35, 293-310.	1.8	114
442	When do macroinvertebrate communities of reference streams resemble urban streams? The biological relevance of Qcritical. Freshwater Science, 2016, 35, 778-794.	1.8	20
443	Runoff Impacts and LID Techniques for Mansionization-Based Stormwater Effects in Fairfax County, Virginia. Journal of Sustainable Water in the Built Environment, 2016, 2, .	1.6	9
444	Effects of tillage and compost amendment on infiltration in compacted soils. Journal of Soils and Water Conservation, 2016, 71, 443-449.	1.6	22
445	Water level monitoring to assess the effectiveness of stormwater infiltration trenches. Environmental and Engineering Geoscience, 2016, , 1078-7275.EEG-1802.	0.9	0
446	Effectiveness of Heavy Metal Removal in Urban Permeable Pavement Systems. , 2016, , .		0
447	Freshwater conservation potential of protected areas in the Tennessee and Cumberland River Basins, USA. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 60-77.	2.0	32
448	The dual synchronizing influences of precipitation and land use on stream properties in a rapidly urbanizing watershed. Ecosphere, 2016, 7, e01427.	2.2	10
449	Spatial distribution patterns of fish assemblages relative to macroinvertebrates and environmental conditions in Andean piedmont streams of the Colombian Amazon. Inland Waters, 2016, 6, 89-104.	2.2	13
450	Effective impervious area for runoff in urban watersheds. Hydrological Processes, 2016, 30, 3717-3729.	2.6	46
451	A case study using remote sensing data to compare biophysical properties of a forest and an urban area in Northern Alabama, USA. Journal of Sustainable Forestry, 2016, 35, 261-279.	1.4	9
452	Continuous and event-based time series analysis of observed floodplain groundwater flow under contrasting land-use types. Science of the Total Environment, 2016, 566-567, 436-445.	8.0	12
453	Beyond Impervious: Urban Land-Cover Pattern Variation and Implications for Watershed Management. Environmental Management, 2016, 58, 15-30.	2.7	31
454	Using macroinvertebrate assemblages and multiple stressors to infer urban stream system condition: a case study in the central US. Urban Ecosystems, 2016, 19, 679-704.	2.4	25
455	Relating stream function and land cover in the Middle Pee Dee River Basin, SC. Journal of Hydrology: Regional Studies, 2016, 5, 261-275.	2.4	2
456	Smarter Stormwater Systems. Environmental Science & En	10.0	159
457	Effect of urbanization on the long-term persistence of streamflow records. Physica A: Statistical Mechanics and Its Applications, 2016, 447, 208-221.	2.6	15

#	Article	IF	CITATIONS
458	Longâ€Term Trends in Streamflow and Precipitation in Northwest California and Southwest Oregon, 1953â€2012. Journal of the American Water Resources Association, 2016, 52, 241-261.	2.4	24
459	Quantifying Urban Watershed Stressor Gradients and Evaluating How Different Land Cover Datasets Affect Stream Management. Environmental Management, 2016, 57, 683-695.	2.7	15
460	Vulnerability assessment of flood-affected locations of Bangalore by using multi-criteria evaluation. Annals of GIS, 2016, 22, 151-162.	3.1	9
461	Improved methods to estimate the effective impervious area in urban catchments using rainfall-runoff data. Journal of Hydrology, 2016, 536, 109-118.	5.4	49
462	Exploring forecast-based management strategies for stormwater detention ponds. Urban Water Journal, 2016, 13, 841-851.	2.1	22
463	An empirical assessment of which inland floods can be managed. Journal of Environmental Management, 2016, 167, 38-48.	7.8	17
464	Thinking outside the channel: Challenges and opportunities for protection and restoration of stream morphology in urbanizing catchments. Landscape and Urban Planning, 2016, 145, 34-44.	7.5	53
465	Simulation of green roof test bed runoff. Hydrological Processes, 2016, 30, 250-262.	2.6	56
466	The hydrologic outcome of a Low Impact Development (LID) site including superposition with streamflow peaks. Urban Water Journal, 2017, 14, 143-159.	2.1	44
467	Urbanization impacts on surface runoff of the contiguous United States. Journal of Environmental Management, 2017, 187, 470-481.	7.8	109
468	Finding clean water habitats in urban landscapes: professional researcher vs citizen science approaches. Science of the Total Environment, 2017, 581-582, 105-116.	8.0	30
469	Effects of Impervious Area and BMP Implementation and Design on Storm Runoff and Water Quality in Eight Small Watersheds. Journal of the American Water Resources Association, 2017, 53, 382-399.	2.4	19
470	Effects of local, river-network and catchment factors on fish assemblages in the headwater streams of the Xin'an basin, China. Journal of Freshwater Ecology, 2017, 32, 309-322.	1.2	9
471	Managing stormwater for urban sustainability: an evaluation of local comprehensive plans in the Chesapeake Bay watershed region. Journal of Environmental Planning and Management, 2017, 60, 1702-1725.	4.5	18
472	Application of the experimental watershed approach to advance urban watershed precipitation/discharge understanding. Urban Ecosystems, 2017, 20, 799-810.	2.4	13
473	Relationships Between Land Use and Stream Nutrient Concentrations in a Highly Urbanized Tropical Region of Brazil: Thresholds and Riparian Zones. Environmental Management, 2017, 60, 30-40.	2.7	56
474	Temporally stable and distinct fish assemblages between stream and earthen stormwater drain reaches in an urban watershed. Urban Ecosystems, 2017, 20, 1045-1055.	2.4	4
475	Evaluating the performance of a retrofitted stormwater wet pond for treatment of urban runoff. Environmental Monitoring and Assessment, 2017, 189, 256.	2.7	22

#	Article	IF	CITATIONS
476	Improving understanding of mixed-land-use watershed suspended sediment regimes: Mechanistic progress through high-frequency sampling. Science of the Total Environment, 2017, 598, 228-238.	8.0	19
477	Effects of habitat and landscape quality on amphibian assemblages of urban stormwater ponds. Urban Ecosystems, 2017, 20, 1249-1259.	2.4	31
478	A procedure for quantifying runoff response to spatial and temporal changes of impervious surface in Qinhuai River basin of southeastern China. Catena, 2017, 157, 268-278.	5 . 0	30
479	Assessing climate change-induced flooding mitigation for adaptation in Boston's Charles River watershed, USA. Landscape and Urban Planning, 2017, 167, 25-36.	7.5	51
480	Water quality before and after watershed-scale implementation of stormwater wet ponds in the coastal plain. Ecological Engineering, 2017, 105, 240-251.	3.6	26
481	Water Level Monitoring to Assess the Effectiveness of Stormwater Infiltration Trenches. Environmental and Engineering Geoscience, 2017, 23, 113-124.	0.9	10
482	Global sediment yields from urban and urbanizing watersheds. Earth-Science Reviews, 2017, 168, 73-80.	9.1	91
483	Development of a multimetric index based on benthic macroinvertebrates for the assessment of urban stream health in Jinan City, China. Environmental Monitoring and Assessment, 2017, 189, 205.	2.7	13
484	Can stormwater control measures restore altered urban flow regimes at the catchment scale?. Journal of Hydrology, 2017, 549, 631-653.	5.4	69
485	Effects of Urbanization on Flow Duration and Stream Flashiness: A Case Study of Puget Sound Streams, Western Washington, <scp>USA</scp> . Journal of the American Water Resources Association, 2017, 53, 493-507.	2.4	58
486	Can channel banks be the dominant source of fine sediment in a UK river?: an example using ¹³⁷ Cs to interpret sediment yield and sediment source. Earth Surface Processes and Landforms, 2017, 42, 624-634.	2.5	9
487	Habitat alteration and habitat fragmentation differentially affect beta diversity of stream fish communities. Landscape Ecology, 2017, 32, 647-662.	4.2	53
488	Leaching and retention of dissolved metals in particulate loaded pervious concrete columns. Journal of Environmental Management, 2017, 190, 1-8.	7.8	21
489	The role of land surface versus drainage network characteristics in controlling water quality and quantity in a small urban watershed. Hydrological Processes, 2017, 31, 4384-4397.	2.6	22
490	A multi-year study of tillage and amendment effects on compacted soils. Journal of Environmental Management, 2017, 203, 533-541.	7.8	30
491	Current biodiversity and ecological status of scleractinian corals of Sharm Obhur, Jeddah, Saudi Arabian coast of the Red Sea. Marine Biodiversity, 2017, 47, 1111-1121.	1.0	5
492	Water Quality Signals from Rural Land Use and Exurbanization in a Mountain Landscape: What's Clear and What's Confounded?. Journal of the American Water Resources Association, 2017, 53, 1212-1228.	2.4	18
493	Identifying sustainability challenges on land and water uses: The case of Lake Ziway watershed, Ethiopia. Applied Geography, 2017, 88, 130-143.	3.7	37

#	Article	IF	Citations
494	Hydrologic metrics for statusâ€endâ€trends monitoring in urban and urbanizing watersheds. Hydrological Processes, 2017, 31, 4507-4519.	2.6	8
495	Urbanization reduces and homogenizes trait diversity in stream macroinvertebrate communities. Ecological Applications, 2017, 27, 2428-2442.	3.8	45
496	Urbanisation impacts on storm runoff along a rural-urban gradient. Journal of Hydrology, 2017, 552, 474-489.	5.4	61
497	The role of topographic variability in river channel classification. Progress in Physical Geography, 2017, 41, 570-600.	3.2	18
498	Evaluation of infiltrationâ€based stormwater management to restore hydrological processes in urban headwater streams. Hydrological Processes, 2017, 31, 3306-3319.	2.6	35
499	Effects of land use on sediment composition in low-order tropical streams. Urban Ecosystems, 2017, 20, 415-423.	2.4	4
500	A conceptual connectivity framework for understanding geomorphic change in human-impacted fluvial systems. Geomorphology, 2017, 277, 237-250.	2.6	115
501	Estimating the potential benefits of green stormwater infrastructure on developed sites using hydrologic model simulation. Environmental Progress and Sustainable Energy, 2017, 36, 557-564.	2.3	10
502	Factors Influencing Perceptions and Use of Urban Nature: Surveys of Park Visitors in Delhi. Land, 2017, 6, 27.	2.9	64
503	Challenges in Aquatic Physical Habitat Assessment: Improving Conservation and Restoration Decisions for Contemporary Watersheds. Challenges, 2017, 8, 31.	1.7	9
504	Current and historical land use influence soilâ€based ecosystem services in an urban landscape. Ecological Applications, 2018, 28, 643-654.	3.8	61
505	Hydrological impacts of urbanization at the catchment scale. Journal of Hydrology, 2018, 559, 774-786.	5.4	122
506	Stormwater ponds promote dragonfly (Odonata) species richness and density in urban areas. Ecological Engineering, 2018, 118, 1-11.	3.6	42
507	Estimating effective impervious area in urban watersheds using land cover, soil character and asymptotic curve number. Hydrological Sciences Journal, 2018, 63, 513-526.	2.6	19
508	Review of Tools for Identifying, Planning, and Implementing Habitat Restoration for Pacific Salmon and Steelhead. North American Journal of Fisheries Management, 2018, 38, 355-376.	1.0	22
509	An automated algorithm for mapping building impervious areas from airborne LiDAR point-cloud data for flood hydrology. GIScience and Remote Sensing, 2018, 55, 793-816.	5.9	11
510	Lentic and lotic odonate communities and the factors that influence them in urban versus rural landscapes. Urban Ecosystems, 2018, 21, 737-750.	2.4	19
511	Enhancing Adoption Studies: The Case of Residential Stormwater Management Practices in the Midwest. Agricultural and Resource Economics Review, 2018, 47, 32-65.	1.1	13

#	Article	IF	CITATIONS
512	World's Largest Mass Bathing Event Influences the Bacterial Communities of Godavari, a Holy River of India. Microbial Ecology, 2018, 76, 706-718.	2.8	39
513	The role of human activities on sediment connectivity of shallow landslides. Catena, 2018, 160, 261-274.	5.0	93
514	Feeding, growth, and trophic position of redbreast sunfish (Lepomis auritus) in watersheds of differing land cover in the lower Piedmont, USA. Urban Ecosystems, 2018, 21, 107-117.	2.4	5
515	Cumulative Effects of Low Impact Development on Watershed Hydrology in a Mixed Land-Cover System. Water (Switzerland), 2018, 10, 991.	2.7	28
516	Estimation of Stream Health Using Flow-Based Indices. Hydrology, 2018, 5, 20.	3.0	18
518	Effects of Urban Stormwater Control Measures on Denitrification in Receiving Streams. Water (Switzerland), 2018, 10, 1582.	2.7	10
519	Spatiotemporal Variance Assessment of Urban Rainstorm Waterlogging Affected by Impervious Surface Expansion: A Case Study of Guangzhou, China. Sustainability, 2018, 10, 3761.	3.2	60
520	Testing the Accuracy of Three Empirical Equations for Determining the Effective Impervious Area in Southern California., 2018,,.		0
521	Urban Residential Surface and Subsurface Hydrology: Synergistic Effects of Lowâ€Impact Features at the Parcel Scale. Water Resources Research, 2018, 54, 8216-8233.	4.2	36
522	Safe operating space for humanity at a regional scale. Ecology and Society, 2018, 23, .	2.3	33
523	Assessing the performance of sand filter basins in treating urban stormwater runoff. Environmental Monitoring and Assessment, 2018, 190, 697.	2.7	18
524	Measuring 30 years of improvements to aquatic connectivity in the Greater Toronto Area. Aquatic Ecosystem Health and Management, 2018, 21, 342-351.	0.6	6
525	Bioturbating invertebrates enhance decomposition and nitrogen cycling in urban stormwater ponds. Journal of Urban Ecology, 2018, 4, .	1.5	11
526	Urban catchment runoff increases bedload sediment yield and particle size in stream channels. Anthropocene, 2018, 23, 53-66.	3.3	54
527	Green Infrastructure Retrofits with Impervious Area Reduction by Property Type: Potential Improvements to Urban Stream Quality. Journal of Sustainable Water in the Built Environment, 2018, 4, 04018012.	1.6	5
528	Assessing Variability and Uncertainty in Green Infrastructure Planning Using a High-Resolution Surface-Subsurface Hydrological Model and Site-Monitored Flow Data. Frontiers in Built Environment, 2018, 4, .	2.3	10
529	Green City Vision, Strategy, and Planning. Strategies for Sustainability, 2018, , 19-38.	0.3	3
530	Is there a limit to bioretention effectiveness? Evaluation of stormwater bioretention treatment using a lumped urban ecohydrologic model and ecologically based design criteria. Hydrological Processes, 2018, 32, 2318-2334.	2.6	11

#	Article	IF	CITATIONS
531	Predicting long term removal of heavy metals from porous pavements for stormwater treatment. Water Research, 2018, 142, 236-245.	11.3	35
532	What are the Conditions of Riparian Ecosystems? Identifying Impaired Floodplain Ecosystems across the Western U.S. Using the Riparian Condition Assessment (RCA) Tool. Environmental Management, 2018, 62, 548-570.	2.7	9
533	The Influence of Urban Development Patterns on Streamflow Characteristics in the Charlanta Megaregion. Water Resources Research, 2018, 54, 3728-3747.	4.2	40
534	Pulling apart the urbanization axis: patterns of physiochemical degradation and biological response across stream ecosystems. Freshwater Science, 2018, 37, 653-672.	1.8	24
535	Effects of urban imperviousness scenarios on simulated storm flow. Environmental Monitoring and Assessment, 2018, 190, 499.	2.7	2
536	Are Odonata nymph adversely affected by impaired water quality in urban streams. Austral Ecology, 2018, 43, 890-902.	1.5	11
537	Improving the Multi-Objective Performance of Rainwater Harvesting Systems Using Real-Time Control Technology. Water (Switzerland), 2018, 10, 147.	2.7	52
538	Ecosystem services and U.S. stormwater planning: An approach for improving urban stormwater decisions. Environmental Science and Policy, 2018, 88, 92-103.	4.9	34
539	Sulfide production kinetics and model of stormwater retention ponds. Water Science and Technology, 2018, 77, 2377-2387.	2.5	5
540	Enlargement and evolution of a semiâ€alluvial creek in response to urbanization. Earth Surface Processes and Landforms, 2018, 43, 2295-2312.	2.5	42
541	Establishing a Framework for the Spatial Identification of Effective Impervious Areas in Gauged Basins: Review and Case Study. Journal of Sustainable Water in the Built Environment, 2018, 4, 05018001.	1.6	18
542	Flow class analyses of suspended sediment concentration and particle size in a mixed-land-use watershed. Science of the Total Environment, 2019, 648, 973-983.	8.0	15
543	A spatial analytical approach for evaluating flood risk and property damages: Methodological improvements to modelling. Journal of Flood Risk Management, 2019, 12, .	3.3	8
544	Evaluating the effects of urbanization age on the morphology of low-order urban streams in the U.S. southern Piedmont. Physical Geography, 2019, 40, 1-27.	1.4	11
545	Emulation of the Saint Venant Equations Enables Rapid and Accurate Predictions of Infiltration and Overland Flow Velocity on Spatially Heterogeneous Surfaces. Water Resources Research, 2019, 55, 7108-7129.	4.2	19
546	Investigating the effectiveness and optimal spatial arrangement of low-impact development facilities. Journal of Hydrology, 2019, 577, 124008.	5.4	21
547	Impacts of urban expansion on wetland ecosystem services in the context of hosting the Winter Olympics: a scenario simulation in the Guanting Reservoir Basin, China. Regional Environmental Change, 2019, 19, 2365-2379.	2.9	33
548	Methodology for the construction of an urban flood hazard chart. Revista Brasileira De Recursos Hidricos, 2019, 24, .	0.5	3

#	Article	IF	CITATIONS
549	Capture of stormwater runoff and pollutants by three types of urban best management practices. Journal of Soils and Water Conservation, 2019, 74, 487-499.	1.6	5
550	Development Trend and Frontier of Stormwater Management (1980–2019): A Bibliometric Overview Based on CiteSpace. Water (Switzerland), 2019, 11, 1908.	2.7	28
551	Urban legacies: Aquatic stressors and low aquatic biodiversity persist despite implementation of regenerative stormwater conveyance systems. Freshwater Science, 2019, 38, 818-833.	1.8	18
552	Habitat heterogeneity determines plant species richness in urban stormwater ponds. Ecological Engineering, 2019, 138, 434-443.	3.6	15
553	A stormwater user fee model for operations and maintenance in small cities. Water Science and Technology, 2019, 79, 278-290.	2.5	3
554	The capacity of urban forest patches to infiltrate stormwater is influenced by soil physical properties and soil moisture. Journal of Environmental Management, 2019, 246, 11-18.	7.8	42
555	On-site stormwater detention for Australian development projects: Does it meet frequent flow management objectives?. Water Science and Engineering, 2019, 12, 1-10.	3.2	4
556	Watershed urban development controls on urban streamwater chemistry variability. Biogeochemistry, 2019, 144, 61-84.	3.5	30
557	Mapping the world's free-flowing rivers. Nature, 2019, 569, 215-221.	27.8	1,249
558	The "Hidden Urbanization†Trends of Impervious Surface in Low-Density Housing Developments and Resulting Impacts on the Water Balance. Frontiers in Environmental Science, 2019, 7, .	3.3	39
559	Hydrograph peak-shaving using a graph-theoretic algorithm for placement of hydraulic control structures. Advances in Water Resources, 2019, 127, 167-179.	3.8	11
560	Classification of impervious land-use features using object-based image analysis and data fusion. Computers, Environment and Urban Systems, 2019, 75, 103-116.	7.1	12
561	Impact of Urban Growth and Changes in Land Use on River Flood Hazard in Villahermosa, Tabasco (Mexico). Water (Switzerland), 2019, 11, 304.	2.7	40
562	Co-Design of Engineered Hyporheic Zones to Improve In-Stream Stormwater Treatment and Facilitate Regulatory Approval. Water (Switzerland), 2019, 11, 2543.	2.7	8
563	Local and landscape influences on turbidity in urban streams: a global approach using citizen scientists. Freshwater Science, 2019, 38, 303-320.	1.8	11
564	Assessing potential anthropogenic drivers of ecological health in Piedmont streams through hierarchical modeling. Freshwater Science, 2019, 38, 771-789.	1.8	7
565	Odonate assemblages of urban stormwater ponds: the conservation value depends on pond type. Journal of Insect Conservation, 2019, 23, 123-132.	1.4	12
566	Flood and Peak Flow Management Using WSUD Systems. , 2019, , 119-138.		8

#	Article	IF	CITATIONS
567	Protecting and Managing Stream Morphology in Urban Catchments Using WSUD., 2019,, 249-267.		4
568	Scoured or suffocated: Urban stream ecosystems oscillate between hydrologic and dissolved oxygen extremes. Limnology and Oceanography, 2019, 64, 877-894.	3.1	87
569	Introducing fuzzy set theory to evaluate risk of misclassification of land cover maps to land mapping applications: Testing on coastal watersheds. Ocean and Coastal Management, 2020, 184, 104903.	4.4	5
570	Stream salamander persistence influenced by the interaction between exurban housing age and development. Urban Ecosystems, 2020, 23, 117-132.	2.4	4
571	Willingness-to-volunteer and stability of preferences between cities: Estimating the benefits of stormwater management. Journal of Environmental Economics and Management, 2020, 99, 102274.	4.7	32
572	Suburban stream erosion rates in northern Kentucky exceed reference channels by an order of magnitude and follow predictable trajectories of channel evolution. Geomorphology, 2020, 352, 106998.	2.6	20
573	A Call for Collaboration among Water Quality and Fisheries Professionals. Fisheries, 2020, 45, 157-162.	0.8	4
574	Identifying candidate reference reaches to assess the physical and biological integrity of wadeable streams in different ecoregions and among stream sizes. Ecological Indicators, 2020, 111, 105966.	6.3	9
575	A geospatial approach for estimating hydrological connectivity of impervious surfaces. Journal of Hydrology, 2020, 591, 125545.	5. 4	18
576	Swimming through the urban heat island: Can thermal mitigation practices reduce the stress?. River Research and Applications, 2020, 36, 1973-1984.	1.7	12
577	Genetic-Algorithm-Optimized Sequential Model for Water Temperature Prediction. Sustainability, 2020, 12, 5374.	3.2	50
578	Urbanizationâ€"Its Hidden Impact on Water Losses: PrÄ…dnik River Basin, Lesser Poland. Water (Switzerland), 2020, 12, 1958.	2.7	13
579	An Integrated Modelling Approach for Flood Simulation in the Urbanized Qinhuai River Basin, China. Water Resources Management, 2020, 34, 3967-3984.	3.9	1
581	Urban Streamflow Impact Assessment (USIA): a novel approach for protecting urbanising waterways and providing the justification for integrated water management. Australian Journal of Water Resources, 2020, , 1-11.	2.7	1
582	Real Time Control of Rainwater Harvesting Systems: The Benefits of Increasing Rainfall Forecast Window. Water Resources Research, 2020, 56, e2020WR027856.	4.2	36
583	Modeling the uncertainty of potential impacts on Robust Stormwater Management from neighborhood-scale impervious cover change: a case study of population-based scenarios in Pittsburgh, Pennsylvania. Urban Water Journal, 2020, 17, 628-641.	2.1	6
584	Evaluation of Permeable Brick Pavement on the Reduction of Stormwater Runoff Using a Coupled Hydrological Model. Water (Switzerland), 2020, 12, 2821.	2.7	6
585	Pavement alters delivery of sediment and fallout radionuclides to urban streams. Journal of Hydrology, 2020, 588, 124855.	5.4	10

#	Article	IF	Citations
586	The hydrologic, water quality and flow regime performance of a bioretention basin in Melbourne, Australia. Urban Water Journal, 2020, 17, 303-314.	2.1	9
587	Urbanizing River Channels. , 2020, , .		0
588	Resistance Formulations in Shallow Overland Flow Along a Hillslope Covered With Patchy Vegetation. Water Resources Research, 2020, 56, e2020WR027194.	4.2	10
589	Soil Ecosystems Services. Assa, Cssa and Sssa, 2020, , .	0.6	1
590	Laboratory scale evaluation of coagulants for treatment of stormwater. Journal of Water Process Engineering, 2020, 36, 101271.	5.6	9
591	Coupled fish-hydrogeomorphic responses to urbanization in streams of Columbus, Ohio, USA. PLoS ONE, 2020, 15, e0234303.	2.5	9
592	SWMM Sensitivity to LID Siting and Routing Parameters: Implications for Stormwater Regulatory Compliance. Journal of the American Water Resources Association, 2020, 56, 790-809.	2.4	9
593	Quantifying clogging patterns of infiltration systems to improve urban stormwater pollution reduction estimates. Water Research X, 2020, 7, 100049.	6.1	23
594	Improving Effective Impervious Estimates to Inform Stormwater Management. Water Resources Management, 2020, 34, 747-762.	3.9	2
595	How urban stormwater regimes drive geomorphic degradation of receiving streams. Progress in Physical Geography, 2020, 44, 746-778.	3.2	18
596	Fisheries Volume 45 Number 3 March 2020. Fisheries, 2020, 45, 113-172.	0.8	0
597	Stormwater quality performance of permeable interlocking concrete pavement receiving run-on from an asphalt traffic lane in a cold climate. Environmental Science and Pollution Research, 2020, 27, 21716-21732.	5.3	14
598	Water quality and spatioâ€ŧemporal hot spots in an effluentâ€dominated urban river. Hydrological Processes, 2021, 35, .	2.6	19
599	Improved hydrological modelling of urban catchments using runoff coefficients. Journal of Hydrology, 2021, 594, 125884.	5.4	20
600	Assessing the Feasibility of a Cloud-Based, Spatially Distributed Modeling Approach for Tracking Green Stormwater Infrastructure Runoff Reductions. Water (Switzerland), 2021, 13, 255.	2.7	3
601	The Impacts of Impervious Surface on Water Quality in the Urban Agglomerations of Middle and Lower Reaches of the Yangtze River Economic Belt From Remotely Sensed Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8398-8406.	4.9	3
602	Land-Use Changes: Floodplains, Dams, and Reservoirs – Integrated River Basins Management. , 2021, , 531-607.		1
603	Assessing the impact of watershed land use on Kebena river water quality in Addis Ababa, Ethiopia. Environmental Systems Research, 2021, 10, .	3.7	10

#	Article	IF	CITATIONS
604	Land-Use Impacts on the Hydrogeomorphology of Small Watersheds. , 2022, , 34-64.		1
605	Risk Assessment of Future Climate and Land Use/Land Cover Change Impacts on Water Resources. Hydrology, 2021, 8, 38.	3.0	5
606	Linking Altered Flow Regimes to Biological Condition: an Example Using Benthic Macroinvertebrates in Small Streams of the Chesapeake Bay Watershed. Environmental Management, 2021, 67, 1171-1185.	2.7	7
607	How about water? Urban blue infrastructure management in Romania. Cities, 2021, 110, 103084.	5.6	25
608	National framework for ranking lakes by potential for anthropogenic hydro-alteration. Ecological Indicators, 2021, 122, 107241.	6.3	6
609	Impacts of permeable interlocking concrete pavement on the runoff hydrograph: Volume reduction, peak flow mitigation, and extension of lag times. Hydrological Processes, 2021, 35, e14167.	2.6	14
610	An African urban mesocarnivore: Navigating the urban matrix of Durban, South Africa. Global Ecology and Conservation, 2021, 26, e01482.	2.1	10
611	Stormwater Quality Capture Volume for Mitigating Urban Runoff Impacts. Journal of Hydrologic Engineering - ASCE, 2021, 26, 04021013.	1.9	1
612	Positive longâ€term impacts of restoration on soils in an experimental urban forest. Ecological Applications, 2021, 31, e02336.	3.8	12
613	Evaluating effects of urban imperviousness connectivity on runoff with consideration of receiving pervious area properties. Urban Water Journal, 2021, 18, 598-607.	2.1	9
615	Building resiliency to climate change uncertainty through bioretention design modifications. Journal of Environmental Management, 2021, 287, 112300.	7.8	19
616	Evaluation of Pollutant Removal Efficiency by Small-Scale Nature-Based Solutions Focusing on Bio-Retention Cells, Vegetative Swale and Porous Pavement. Water (Switzerland), 2021, 13, 2361.	2.7	13
617	Physically consistent conceptual rainfall–runoff model for urbanized catchments. Journal of Hydrology, 2021, 599, 126394.	5.4	11
618	Urbanization and stream ecosystems: the role of flow hydraulics towards an improved understanding in addressing urban stream degradation. Environmental Reviews, 2021, 29, 401-414.	4.5	6
619	Intraâ€annual variability of urban effects on streamflow. Hydrological Processes, 2021, 35, e14371.	2.6	8
620	Potential sediment supply fluxes associated with greenfield residential construction. Anthropocene, 2021, 35, 100300.	3.3	7
621	Stream power index for networks (SPIN) toolbox for decision support in urbanizing watersheds. Environmental Modelling and Software, 2021, 144, 105185.	4.5	15
622	Soil bacterial community responses to short-term grazing exclusion in a degraded alpine shrubland – grassland ecotone. Ecological Indicators, 2021, 130, 108043.	6.3	21

#	Article	IF	Citations
623	Inter-Event Water Quality Variability and Intra-Event Pollutant Dynamics in Context of Effective Impervious Area. Journal of Sustainable Water in the Built Environment, 2021, 7, .	1.6	5
624	Hydrologic impacts of retrofitted low impact development in a commercial parking lot. Journal of Hydrology, 2021, 592, 125773.	5.4	16
625	Stormwater management network effectiveness and implications for urban watershed function: A critical review. Hydrological Processes, 2017, 31, 4056-4080.	2.6	125
626	Using diatom assemblages to assess urban stream conditions. , 2006, , 179-189.		3
627	Streams and Urbanization. , 2009, , 93-123.		37
628	Geomorphic Patterns, Processes, and Perspectives in Aquatic Assessment., 2001,, 367-389.		1
629	Urban Hydrology in the Pacific Northwest. , 2014, , 59-74.		6
630	Urbanization Impacts on Pacific Northwest Aquatic and Riparian Physical Habitats., 2014,, 75-91.		1
631	Macroinvertebrate response to land cover, habitat, and water chemistry in a mining-impacted river ecosystem: A GIS watershed analysis. Aquatic Sciences, 2005, 67, 403-423.	1.5	4
632	Low Impact Development Practices: A Review of Current Research and Recommendations for Future Directions., 2007, 186, 351.		2
633	Overcoming the concrete conquest of aquatic ecosystems. Biological Conservation, 2020, 247, 108589.	4.1	20
634	Monetary value of urban green space as an ecosystem service provider: A case study of urban runoff management in Finland. Ecosystem Services, 2017, 28, 17-27.	5.4	31
636	Modeling Package for Assessing the Potential Effects of Hydrologic Change on Stream Form and Integrity. , 2001, , .		3
637	A Modeling Approach to Restoring Pool-Riffle Structure in an Incised, Straightened Channel of an Urban Stream. , 2010, , .		2
638	HYDROLOGIC BEHAVIOR OF VEGETATED ROOFS. Journal of the American Water Resources Association, 2006, 42, 1261-1274.	2.4	193
639	How does imperviousness develop and affect runoff generation in an urbanizing watershed?. Fennia, 0, , 143-159.	0.5	8
640	Local Flood Defence Systems in Europe. , 2007, , 321-338.		1
641	Recurrent Die-Offs of Adult Coho Salmon Returning to Spawn in Puget Sound Lowland Urban Streams. PLoS ONE, 2011, 6, e28013.	2.5	89

#	Article	IF	CITATIONS
642	How Much Is Enough? Minimal Responses of Water Quality and Stream Biota to Partial Retrofit Stormwater Management in a Suburban Neighborhood. PLoS ONE, 2014, 9, e85011.	2.5	63
643	The Performance Analysis of Two Relatively Small Capacity Urban Retrofit Stormwater Controls. Journal of Water Management Modeling, 0, , .	0.0	7
644	Impervious Cover Variability in Urban Watersheds. Journal of Water Management Modeling, 2010, , .	0.0	1
645	Urban streams across the USA: lessons learned from studies in 9 metropolitan areas. Journal of the North American Benthological Society, 2009, 28, 1051-1069.	3.1	168
646	Modelling a â€~business case' for blue-green infrastructure: lessons from the Water Sensitive Cities Toolkit. Blue-Green Systems, 2020, 2, 383-403.	2.0	12
647	Operational Monitoring of Urban Stormwater Management Facilities and Receiving Subwatersheds in Richmond Hill, Ontario. Water Quality Research Journal of Canada, 2004, 39, 392-405.	2.7	12
648	Evaluation of Mitigation Methods to Manage Contaminant Transfer in Urban Watersheds. Water Quality Research Journal of Canada, 2009, 44, 1-15.	2.7	7
649	Landuse Types within Channel Corridor and River Channel Morphology of River Ona, Ibadan, Nigeria. Indonesian Journal of Geography, 2017, 49, 111.	0.5	8
650	Effects of recreational activity on Acorn Barnacle (Tetraclita squamosa rufotincta) in the Red Sea. European Journal of Ecology, 2019, 4, 131-133.	0.3	2
651	Minimizing pond size using an off-site pond in a closed basin: a storm flow mitigation design and evaluation. International Journal of Sustainable Development and Planning, 2014, 9, 211-224.	0.7	6
658	Seascape ecology of coastal biogenic habitats: advances, gaps, and challenges. Marine Ecology - Progress Series, 2011, 427, 191-217.	1.9	339
661	Biogeography and conservation assessment of Bactrurus groundwater amphipods (Crangonyctidae) in the central and eastern United States. Subterranean Biology, 0, 17, 1-29.	5.0	6
662	RESIDENTIAL STORMWATER: METHODS FOR DECREASING RUNOFF AND INCREASING STORMWATER INFILTRATION. Journal of Green Building, 2012, 7, 15-30.	0.8	17
663	Effect of Omumm Water Drainage on Noubaria Canal Water Quality and Alexandria Drinking Water Treatments Plants. Journal of Pollution Effects & Control, 2014, 02, .	0.1	1
664	Responses of Macroinvertebrate Community Metrics to a Wastewater Discharge in the Upper Blue River of Kansas and Missouri, USA. Journal of Water Resource and Protection, 2015, 07, 1195-1220.	0.8	5
666	Analysing the impact of urban areas patterns on the mean annual flow of 43 urbanized catchments. Proceedings of the International Association of Hydrological Sciences, 0, 370, 29-32.	1.0	3
667	Impact of Urbanization on Channel Morphology: Some Comments. IOSR Journal of Environmental Science, Toxicology and Food Technology, 2014, 8, 40-45.	0.1	3
668	The Influence of Land Cover Changes on Landscape Hydric Potential and River Flows: Upper Vistula, Western Carpathians. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	CITATIONS
669	Correlation Analysis between Hydrologic Flow Metrics and Benthic Macroinvertebrates Index (BMI) in the Han River Basin, South Korea. Sustainability, 2021, 13, 11477.	3.2	6
671	Data Interpretation., 2001,,.		0
672	Effects of Urbanization on Geomorphic Stability of Watersheds. , 2003, , .		0
673	Restoration of Riparian Ecosystems. , 2003, , .		0
674	Weeks Bay National Estuarine Research Reserve. Marine Science, 2003, , 217-231.	0.5	1
675	Is catchment imperviousness a good indicator of ecosystem health?. Alliance for Global Sustainability Bookseries, 2007, , 411-425.	0.2	1
677	Local Flood Defence Systems in Europe. , 2007, , 333-350.		0
678	Forest Conversion to Urban and Suburban Land Use. , 2007, , 215-256.		0
680	Conclusions and Management Implications. , 2007, , 283-306.		0
681	Water sensitive urban design and stormwater harvesting - on the path to sustainable urban development - case studies from Sydney, Australia. Linnaeus Eco-Tech, 0, , 851-861.	0.0	0
683	Hydrological and Environmental Effect Analysis of Penetrable Pavement in Coastal City., 2008,,.		0
685	Community Structure of Benthic Macroinvertebrates of Daecheon Stream in Busan City. Journal of Environmental Science International, 2010, 19, 185-196.	0.2	0
686	Hydrological and Environmental Modeling Analyses of Pervious Pavement Impact in a Coastal City. , 2010, , 367-388.		1
687	An Hybrid Approach for Designing Detention and Infiltration-based Retentions to Promote Sound Urban Hydrologic Cycle. Daehan Hwan'gyeong Gonghag Hoeji, 2011, 33, 1-8.	1.1	6
689	Modeling Impervious Area Disconnection with SWMM. Journal of Water Management Modeling, 2011, , .	0.0	0
691	Utilizing Secondary and Public Data to Examine Relationships Between Watershed Land Cover and Biotic Integrity in the Lake Erie Tributaries. , 2013, , 161-175.		0
695	Community Structure of Benthic Macroinvertebrate in the Urban and Nature Stream. Journal of Environmental Science International, 2013, 22, 1551-1559.	0.2	2
696	Spatial Targeting of Agri-Environmental Policy and Urban Development. SSRN Electronic Journal, 0, , .	0.4	O

#	Article	IF	CITATIONS
697	Managing Aquatic Environments for Wildlife in Urban Areas. , 2014, , 361-388.		0
698	DESIGNING FOR ENVIRONMENTAL AND INFRASTRUCTURE SUSTAINABILITY: ONTARIO CASE STUDIES FOR RETROFITS AND NEW DEVELOPMENTS. Journal of Green Building, 2014, 9, 40-59.	0.8	2
699	Coastal Environments: Remote Sensing. , 2014, , 100-105.		1
701	The Urban Waters Federal Partnership: An Emerging Model for Revitalizing Urban Rivers and Communities. , 2014, , .		О
702	Hydraulic Geometry Curves in the Pee Dee Watershed. The Journal of South Carolina Water Resources, 2015, , 63-69.	0.7	0
703	Assessing the Urban Land Cover Complexity. , 2015, , 106-115.		0
704	Low-Impact Development., 0,, 763-766.		0
705	Hydrology: Urban. , 0, , 745-748.		0
706	Stormwaters: Management., 0,, 836-842.		0
707	Size Determination Method of Bio-Retention Cells for Mimicking Natural Flow Duration Curves. Journal of Wetlands Research, 2016, 18, 424-431.	0.2	О
708	Assessing the Effectiveness of Low Impact Development by Bio-retention and Cistern System for Tianjin, Northern China. International Journal of Environmental Science and Development, 2017, 8, 135-138.	0.6	1
709	The influence of urbanisation on aquatic mollusc fauna: the Krzna River (east Poland). Folia Malacologica, 2018, 26, 197-205.	0.2	0
711	Cropland, Pastureland, and Towns. , 2019, , 374-404.		0
712	Patterns of Wildlife and Other Animals. , 2019, , 292-340.		0
714	Soil, Chemicals, Air., 2019, , 141-191.		0
715	Tying Transportation, Towns, and Land Together. , 2019, , 439-470.		0
717	Flows and Movements., 2019,, 40-71.		0
718	Commercial, Industrial, and Residential Areas. , 2019, , 343-373.		0

#	Article	IF	CITATIONS
720	Plants, Habitats, Greenspaces., 2019, , 247-291.		0
721	Water Systems and Waterbodies. , 2019, , 192-246.		0
722	Town, Village, and Land Spatial Patterns. , 2019, , 3-39.		0
724	Human Dimensions. , 2019, , 105-138.		O
725	Toward Better Towns, Better Land. , 2019, , 473-506.		0
726	Forestland, Aridland, and Towns., 2019, , 405-438.		0
727	Cidade e \tilde{A}_i gua: rela \tilde{A}_i es entre tipologias de ocupa \tilde{A}_i o urbana e recarga de aqu \tilde{A}_i feros = City and Water: relations between urban occupation typologies and aquifer recharge. Cuadernos De Investigaci \tilde{A}_i 0 Urban \tilde{A}_i 5 Urban \tilde{A}_i 5 Urban \tilde{A}_i 7 Urban \tilde{A}_i 8 Cuadernos De Investigaci \tilde{A}_i 9 Urban \tilde{A}_i 8 Urban \tilde{A}_i 9 Cuadernos De Investigaci \tilde{A}_i 9 Urban \tilde{A}_i 9 Urban \tilde{A}_i 9 Cuadernos De Investigaci \tilde{A}_i 9 Urban \tilde{A}_i 9 Urba	0.1	0
728	Processos hidrológicos na bacia hidrográfica do Córrego Zerede em Timóteo-MG. Ciencia Florestal, 2019, 29, 1658.	0.3	2
729	Coastal Environments: Remote Sensing. , 2020, , 267-276.		0
730	Urban Hydrology. Water Science and Technology Library, 2020, , 7-51.	0.3	1
731	Urban Stream Syndrome and Contaminant Uptake in Salamanders of Central Texas. Journal of Fish and Wildlife Management, 2020, 11 , 287-299.	0.9	5
732	Low Impact Development Testbed to Study the Performance of Enhanced Bioretention Systems. , 2020, ,		0
733	Simplified Analysis Method for Natural Dispersion of Highway Storm Water Runoff in Rural Areas. Transportation Research Record, 2006, 1983, 33-41.	1.9	0
734	A metric-based analysis on the effects of riparian and catchment landuse on macroinvertebrates. Science of the Total Environment, 2022, 816, 151590.	8.0	10
735	Comparison of machine learning algorithms for emulation of a gridded hydrological model given spatially explicit inputs. Computers and Geosciences, 2022, 159, 105025.	4.2	9
736	A Diagnostic Analysis of Low-Impact Development Simulations with SWMM. Journal of Sustainable Water in the Built Environment, 2022, 8, .	1.6	1
737	Ponte estaiada ou trincheira: qual a melhor solução sob a ótica da gestão pública para Curitiba (Paraná)?. Estrabão, 0, 3, 146-158.	0.0	0
738	Illicit discharge detection in stormwater drains using an Arduino-based low-cost sensor network. Water Science and Technology, 2022, 85, 1372-1383.	2.5	4

#	Article	IF	CITATIONS
739	Response of sub-Antarctic streams to urbanization: Relevance of assemblage structure and independent reference areas. Limnologica, 2022, 93, 125956.	1.5	1
740	Factors influencing chronic semi-arid headwater stream impairments: a southern California case study. AIMS Geosciences, 2022, 8, 98-126.	1.0	O
741	Vulnerable Waters are Essential to Watershed Resilience. Ecosystems, 2023, 26, 1-28.	3.4	21
743	Oxbow Lakes as Geological Archives of Historical Changes in Channel Substrate, Swan Creek, Toledo, Ohio (USA). Open Journal of Modern Hydrology, 2022, 12, 32-54.	1.0	2
744	Impact of Rainfall Variability and Land Use Change on River Discharge in South Cameroon. Water (Switzerland), 2022, 14, 941.	2.7	14
745	Seasonal flashiness and high frequency discharge events in headwater streams in the North Carolina Piedmont (<scp>United States</scp>). Hydrological Processes, 2022, 36, .	2.6	4
746	Are stormwater detention ponds protecting urban aquatic ecosystems? a case study using depressional wetlands. Urban Ecosystems, 2022, 25, 1155-1168.	2.4	4
747	Ecological Impacts of Altered Stream Hydrogeomorphic Characteristics Extend Beyond the Channel Boundary: Evidence From Urban Streams of Columbus, OH, United States. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	3
748	Influence of water storage and plant crop factor on green roof retention and plant drought stress., 2022, 1, e0000009.		3
749	Restoring geomorphic integrity in urban streams via mechanistically-based storm water management: minimizing excess sediment transport capacity. Urban Ecosystems, 0, , $1.$	2.4	2
750	Short-term effects of very heavy rainfall events on the water quality of a shallow coastal lagoon. Hydrobiologia, 0 , 1 .	2.0	6
751	Urban Drool Water Quality in Denver, Colorado: Pollutant Occurrences and Sources in Dry-Weather Flows. Water (Switzerland), 2021, 13, 3436.	2.7	4
752	Broad scale assessment of key drivers of streamflow generation in urban and urbanizing rivers. Hydrological Processes, 2022, 36, .	2.6	7
759	Sensitivity of peak flow response to imperviousness increase in a tropical Caribbean ungauged urban catchment. Urban Water Journal, 0, , 1-11.	2.1	0
760	Spatial asynchrony in environmental and economic benefits of stream restoration. Environmental Research Letters, 2022, 17, 054004.	5.2	1
761	Changes in the Ecological Status of Rivers Caused by the Functioning of Natural Barriers. Water (Switzerland), 2022, 14, 1522.	2.7	4
762	Qcritical threshold departs from theoretical critical discharge in urban watersheds: the role of streambed mobility data in managing the urban disturbance regime. Freshwater Science, 0, , .	1.8	2
763	Dryland Rivers and Streams. , 2022, , 616-627.		0

#	Article	IF	CITATIONS
764	Natural and anthropogenic controls on lake waterâ€level decline and evaporationâ€toâ€inflow ratio in the conterminous United States. Limnology and Oceanography, 2022, 67, 1484-1501.	3.1	4
765	Hydrologic impacts of sewershed-scale green infrastructure retrofits: Outcomes of a four-year paired watershed monitoring study. Journal of Hydrology, 2022, 611, 128014.	5 . 4	5
766	Impact of rainfall variability and land-use changes on river discharge in Sanaga catchment (forest–savannah transition zone in Central Africa). Hydrology Research, 2022, 53, 1017-1030.	2.7	17
767	Tracking geomorphic changes after suburban development with a high density of green stormwater infrastructure practices in Montgomery County, Maryland. Geomorphology, 2022, 414, 108399.	2.6	0
768	Copula-based non-stationarity identification of watershed water and energy dependency structure and possible driving forces. Atmospheric Research, 2022, 279, 106396.	4.1	1
769	Use of stable isotopes for assessing urbanization impacts on freshwater fishes. Frontiers in Environmental Science, 0, 10 , .	3.3	1
770	Artificial Intelligence-Based Prediction of Permeable Pavement Surface Infiltration Rates. Lecture Notes in Civil Engineering, 2023, , 253-264.	0.4	0
771	Real-time controlled rainwater harvesting systems can improve the performance of stormwater networks. Journal of Hydrology, 2022, 614, 128503.	5.4	5
772	Identifying Key Stressors Driving Biological Impairment in Freshwater Streams in the Chesapeake Bay Watershed, USA. Environmental Management, 0, , .	2.7	0
773	Quantifying urban tree canopy interception in the southeastern United States. Urban Forestry and Urban Greening, 2022, 77, 127741.	5.3	1
774	How much water is stolen by sewers? Estimating watershed-level inflow and infiltration throughout a metropolitan area. Journal of Hydrology, 2022, 614, 128629.	5 . 4	4
775	The heterogeneity of the hydromorphological responses of a stream to the urbanization of its basin. Earth Surface Processes and Landforms, 2023, 48, 735-755.	2.5	2
776	Hydrological variability and flood risk in a forest watershed undergoing accelerated urbanization: the case of Mefou (South Cameroon). Water Science and Technology: Water Supply, 2022, 22, 8778-8794.	2.1	2
777	Learning from arid and urban aquatic ecosystems to inform more sustainable and resilient futures. Journal of Hydrology, 2023, 616, 128841.	5.4	1
778	Impact of climate and anthropogenic changes on current and future variability in flows in the Nyong River Basin (equatorial Central Africa). Journal of Hydroinformatics, 2023, 25, 369-395.	2.4	5
779	Water quality, vegetation, and management of stormwater ponds draining three distinct urban land uses in central Florida. Urban Ecosystems, 2023, 26, 867-879.	2.4	1
780	Integrating urban water fluxes and moving beyond impervious surface cover: A review. Journal of Hydrology, 2023, 618, 129188.	5.4	14
781	Predicting Habitat and Distribution of an Interior Highlands Regional Endemic Winter Stonefly (Allocapnia mohri) in Arkansas Using Random Forest Models. Hydrobiology, 2023, 2, 196-211.	1.7	1

#	Article	IF	Citations
782	Watershed-Scale Strategies to Increase Resilience to Climate-Driven Changes to Surface Waters: North American Electric Power Sector Case Study. Journal of Water Resources Planning and Management - ASCE, 2023, 149, .	2.6	0
783	Urban Flood Modeling and Risk Assessment with Limited Observation Data: The Beijing Future Science City of China. International Journal of Environmental Research and Public Health, 2023, 20, 4640.	2.6	2
784	Use of a simple passive monitoring system to assess detention basin stormwater. Discover Water, 2023, 3, .	2.9	0
786	The Impact of Blueâ€Green Infrastructure and Urban Area Densification on the Performance of Realâ€√ime Control of Sewer Networks. Water Resources Research, 2023, 59, .	4.2	0
787	Analyses of the Effectiveness of Different Media Depths and Plant Treatments on Green Roof Rainfall Retention Capability under Various Rainfall Patterns. Hydrology, 2023, 10, 149.	3.0	2
788	Waterways transformation in the vulnerable port city of Alexandria. Cities, 2023, 141, 104426.	5.6	2
789	The Influence of Alluvial Mining on the Morphology and Ecological Health of the Jhimruk River in Pyuthan, Nepal. Journal of Geoscience and Environment Protection, 2023, 11, 33-48.	0.5	0
790	The influence of stormwater infiltration on downslope groundwater chemistry. Environmental Geochemistry and Health, 0, , .	3.4	0
791	Mass-Movement Causes and Landslide Susceptibility in River Valleys of Lowland Areas: A Case Study in the Central Radunia Valley, Northern Poland. Geosciences (Switzerland), 2023, 13, 277.	2.2	0
792	Impact of urbanization on baseflow characteristics in the central catchment of North China Plain, China. Journal of Hydrology: Regional Studies, 2023, 50, 101527.	2.4	0
793	Understanding the role of land use for urban stormwater management in coastal waterways. Water Research, 2023, 245, 120658.	11.3	0
795	Evapotranspiration From Developed Land and Urban Watersheds in a Humid Subtropical Climate. Water Resources Research, 2023, 59, .	4.2	0
796	Macroscale controls determine the recovery of river ecosystem productivity following flood disturbances. Proceedings of the National Academy of Sciences of the United States of America, 2024, 121, .	7.1	0
797	Impact of effective impervious surface disconnection on urban hydrographs: A multi-scenario modeling study at the catchment scale. Journal of Hydrology, 2024, 630, 130656.	5.4	0
798	Assessing and mapping urban ecological resilience using the loss-gain approach: A case study of Tehran, Iran. Sustainable Cities and Society, 2024, 103, 105252.	10.4	0
799	The role of macroinvertebrate taxonomic resolution in bioassessment of urban streams: A case study from the City of Lodz, Poland. Ecohydrology and Hydrobiology, 2024, , .	2.3	0
800	Modeling Landscape Influence on Stream Baseflows for Watershed Conservation. Land, 2024, 13, 324.	2.9	0
801	Water resources availability in the Mefou basin, Cameroon: under current and future climate, and land use and land cover. Sustainable Water Resources Management, 2024, 10, .	2.1	0