

Timothy J Beechie

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,152
citations

257450

24
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

2452
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially overlapping salmon species have varied population response to early life history mortality from increased peak flows. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2022, 79, 342-351.	1.4	3
2	How riparian and floodplain restoration modify the effects of increasing temperature on adult salmon spawner abundance in the Chehalis River, WA. <i>PLoS ONE</i> , 2022, 17, e0268813.	2.5	4
3	Modeling riparian species occurrence from historical surveys to guide restoration planning in northwestern USA. <i>Ecosphere</i> , 2021, 12, e03525.	2.2	1
4	Identifying the potential of anadromous salmonid habitat restoration with life cycle models. <i>PLoS ONE</i> , 2021, 16, e0256792.	2.5	16
5	A process-based assessment of landscape change and salmon habitat losses in the Chehalis River basin, USA. <i>PLoS ONE</i> , 2021, 16, e0258251.	2.5	6
6	Influences of valley form and land use on large river and floodplain habitats in Puget Sound. <i>River Research and Applications</i> , 2019, 35, 133-145.	1.7	6
7	Review of Tools for Identifying, Planning, and Implementing Habitat Restoration for Pacific Salmon and Steelhead. <i>North American Journal of Fisheries Management</i> , 2018, 38, 355-376.	1.0	22
8	Large river habitat complexity and productivity of Puget Sound Chinook salmon. <i>PLoS ONE</i> , 2018, 13, e0205127.	2.5	21
9	Historical and Future Stream Temperature Change Predicted by a Lidar-Based Assessment of Riparian Condition and Channel Width. <i>Journal of the American Water Resources Association</i> , 2018, 54, 974-991.	2.4	11
10	Reprint of: Large-scale dam removal on the Elwha River, Washington, USA: River channel and floodplain geomorphic change. <i>Geomorphology</i> , 2015, 246, 687-708.	2.6	28
11	Comparison of potential increases in juvenile salmonid rearing habitat capacity among alternative restoration scenarios, Trinity River, California. <i>Restoration Ecology</i> , 2015, 23, 75-84.	2.9	26
12	Incorporating climate change projections into riparian restoration planning and design. <i>Ecohydrology</i> , 2015, 8, 863-879.	2.4	47
13	Rethinking the longitudinal stream temperature paradigm: region-wide comparison of thermal infrared imagery reveals unexpected complexity of river temperatures. <i>Hydrological Processes</i> , 2015, 29, 4719-4737.	2.6	107
14	Trends in Developed Land Cover Adjacent to Habitat for Threatened Salmon in Puget Sound, Washington, U.S.A.. <i>PLoS ONE</i> , 2015, 10, e0124415.	2.5	15
15	Does Riparian Forest Restoration Thinning Enhance Biodiversity? The Ecological Importance of Large Wood. <i>Journal of the American Water Resources Association</i> , 2014, 50, 543-559.	2.4	32
16	Using Beaver Dams to Restore Incised Stream Ecosystems. <i>BioScience</i> , 2014, 64, 279-290.	4.9	232
17	Using reference conditions in ecosystem restoration: an example for riparian conifer forests in the Pacific Northwest. <i>Ecosphere</i> , 2012, 3, 1-23.	2.2	29
18	A Process-Based View of Floodplain Forest Patterns in Coastal River Valleys of the Pacific Northwest. <i>Ecosystems</i> , 2010, 13, 1-31.	3.4	79

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19	Process-based Principles for Restoring River Ecosystems. <i>BioScience</i> , 2010, 60, 209-222.	4.9	575
20	Restoring Rivers in the Twenty-First Century: Science Challenges in a Management Context. , 2009, , 697-717.		8
21	Channel incision, evolution and potential recovery in the Walla Walla and Tucannon River basins, northwestern USA. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 784-800.	2.5	43
22	Setting River Restoration Priorities: A Review of Approaches and a General Protocol for Identifying and Prioritizing Actions. <i>North American Journal of Fisheries Management</i> , 2008, 28, 891-905.	1.0	144
23	Biological Impacts of the Elwha River Dams and Potential Salmonid Responses to Dam Removal. <i>Northwest Science</i> , 2008, 82, 72-90.	0.2	114
24	Geomorphic changes upstream of beaver dams in Bridge Creek, an incised stream channel in the interior Columbia River basin, eastern Oregon. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 1174-1185.	2.5	144
25	Predicting River Floodplain and Lateral Channel Migration for Salmon Habitat Conservation. <i>Journal of the American Water Resources Association</i> , 2007, 43, 786-797.	2.4	37
26	Incorporating parameter uncertainty into evaluation of spawning habitat limitations on Chinook salmon (<i>Oncorhynchus tshawytscha</i>) populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1242-1250.	1.4	11
27	Channel pattern and river-floodplain dynamics in forested mountain river systems. <i>Geomorphology</i> , 2006, 78, 124-141.	2.6	226
28	Regional patterns of riparian characteristics in the interior Columbia River basin, Northwestern USA: applications for restoration planning. <i>Landscape Ecology</i> , 2006, 21, 1347-1360.	4.2	20
29	A Classification of Habitat Types in a Large River and Their Use by Juvenile Salmonids. <i>Transactions of the American Fisheries Society</i> , 2005, 134, 717-729.	1.4	77
30	A Watershed Scale Assessment of Riparian Forests, with Implications for Restoration. <i>Restoration Ecology</i> , 2004, 12, 175-183.	2.9	16
31	Consequences of potential density-dependent mechanisms on recovery of ocean-type chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004, 61, 590-602.	1.4	78
32	The Importance of Beaver Ponds to Coho Salmon Production in the Stillaguamish River Basin, Washington, USA. <i>North American Journal of Fisheries Management</i> , 2004, 24, 749-760.	1.0	92
33	A Review of Stream Restoration Techniques and a Hierarchical Strategy for Prioritizing Restoration in Pacific Northwest Watersheds. <i>North American Journal of Fisheries Management</i> , 2002, 22, 1-20.	1.0	475
34	Riparian aquatic interaction simulator (RAIS): a model of riparian forest dynamics for the generation of large woody debris and shade. <i>Forest Ecology and Management</i> , 2002, 162, 299-318.	3.2	57
35	Holocene and recent geomorphic processes, land use, and salmonid habitat in two north Puget Sound river basins. <i>Water Science and Application</i> , 2001, , 37-54.	0.3	45
36	Empirical predictors of annual bed load travel distance, and implications for salmonid habitat restoration and protection. <i>Earth Surface Processes and Landforms</i> , 2001, 26, 1025-1034.	2.5	39

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37	Empirical predictors of annual bed load travel distance, and implications for salmonid habitat restoration and protection. <i>Earth Surface Processes and Landforms</i> , 2001, 26, 1025-1034.	2.5	1
38	Modeling Recovery Rates and Pathways for Woody Debris Recruitment in Northwestern Washington Streams. <i>North American Journal of Fisheries Management</i> , 2000, 20, 436-452.	1.0	86
39	Relationships between Channel Characteristics, Woody Debris, and Fish Habitat in Northwestern Washington Streams. <i>Transactions of the American Fisheries Society</i> , 1997, 126, 217-229.	1.4	179