

Keith M Reynolds

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

967
citations

516681

16
h-index

501174

28
g-index

54
all docs

54
docs citations

54
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for mapping fire hazard and risk across multiple scales and its application in fire management. <i>Ecological Modelling</i> , 2010, 221, 2-18.	2.5	92
2	Evaluating wildland fire danger and prioritizing vegetation and fuels treatments. <i>Forest Ecology and Management</i> , 2007, 247, 1-17.	3.2	71
3	Decision support for integrated landscape evaluation and restoration planning. <i>Forest Ecology and Management</i> , 2005, 207, 263-278.	3.2	60
4	Integrated decision support for sustainable forest management in the United States: Fact or fiction?. <i>Computers and Electronics in Agriculture</i> , 2005, 49, 6-23.	7.7	54
5	Landscape Evaluation for Restoration Planning on the Okanogan-Wenatchee National Forest, USA. <i>Sustainability</i> , 2013, 5, 805-840.	3.2	54
6	The science/policy interface in logic-based evaluation of forest ecosystem sustainability. <i>Forest Policy and Economics</i> , 2003, 5, 433-446.	3.4	46
7	Decision support for evaluating landscape departure and prioritizing forest management activities in a changing environment. <i>Forest Ecology and Management</i> , 2008, 256, 1666-1676.	3.2	45
8	Machine learning and linear regression models to predict catchment-level base cation weathering rates across the southern Appalachian Mountain region, USA. <i>Water Resources Research</i> , 2014, 50, 2798-2814.	4.2	40
9	Knowledge-based assessment of watershed condition. <i>Computers and Electronics in Agriculture</i> , 2000, 27, 315-334.	7.7	39
10	Decision Support Systems in Forest Management. , 2008, , 499-533.		34
11	Combining Decision Support Approaches for Optimizing the Selection of Bundles of Ecosystem Services. <i>Forests</i> , 2018, 9, 438.	2.1	30
12	Strategic and tactical planning to improve suppression efforts against large forest fires in the Catalonia region of Spain. <i>Forest Ecology and Management</i> , 2019, 432, 612-622.	3.2	28
13	Terrestrial Condition Assessment for National Forests of the USDA Forest Service in the Continental US. <i>Sustainability</i> , 2017, 9, 2144.	3.2	21
14	Relations between activity of <i>Dendroctonus rufipennis</i> Kirby on Lutz spruce and blue stain associated with <i>Leptographium abietinum</i> (Peck) Wingfield. <i>Forest Ecology and Management</i> , 1992, 47, 71-86.	3.2	20
15	Web-Based Forest Resources Management Decision Support System. <i>Forests</i> , 2019, 10, 1079.	2.1	19
16	Suitability for conservation as a criterion in regional conservation network selection. <i>Biodiversity and Conservation</i> , 2008, 17, 467-492.	2.6	17
17	Machine learning and hurdle models for improving regional predictions of stream water acid neutralizing capacity. <i>Water Resources Research</i> , 2013, 49, 3531-3546.	4.2	16
18	A watershed decision support tool for managing invasive species on Hawai'i Island, USA. <i>Forest Ecology and Management</i> , 2017, 400, 300-320.	3.2	16

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19	National fuel-treatment budgeting in US federal agencies: Capturing opportunities for transparent decision-making. <i>Forest Ecology and Management</i> , 2009, 258, 2373-2381.	3.2	15
20	Risk and hazard of spruce beetle attack in unmanaged stands on the Kenai Peninsula, Alaska, under epidemic conditions. <i>Forest Ecology and Management</i> , 1991, 43, 137-151.	3.2	14
21	Steady-state sulfur critical loads and exceedances for protection of aquatic ecosystems in the U.S. southern Appalachian Mountains. <i>Journal of Environmental Management</i> , 2014, 146, 407-419.	7.8	13
22	An Overview of the Ecosystem Management Decision-Support System. <i>Environmental Science and Engineering</i> , 2014, , 3-22.	0.2	13
23	Regional Forest Landscape Restoration Priorities: Integrating Historical Conditions and an Uncertain Future in the Northern Rocky Mountains. <i>Journal of Forestry</i> , 2014, 112, 474-483.	1.0	13
24	The role of knowledge management tools in supporting sustainable forest management. <i>Forest Systems</i> , 2013, 22, 442.	0.3	13
25	Using Analytic Hierarchy Process and Best-Worst Method in Group Evaluation of Urban Park Quality. <i>Forests</i> , 2022, 13, 290.	2.1	13
26	Sensitivity Analysis of Land Unit Suitability for Conservation Using a Knowledge-Based System. <i>Environmental Management</i> , 2010, 46, 225-236.	2.7	11
27	A decision support tool for the conservation of tropical forest and nearshore environments on Babeldaob Island, Palau. <i>Forest Ecology and Management</i> , 2020, 476, 118480.	3.2	11
28	Multicriteria Decision Analysis and Group Decision-Making to Select Stand-Level Forest Management Models and Support Landscape-Level Collaborative Planning. <i>Forests</i> , 2021, 12, 399.	2.1	11
29	A Knowledge-Based Approach to the Assessment of Watershed Condition. <i>Environmental Monitoring and Assessment</i> , 2000, 64, 271-283.	2.7	10
30	A Participatory and Spatial Multicriteria Decision Approach to Prioritize the Allocation of Ecosystem Services to Management Units. <i>Land</i> , 2021, 10, 747.	2.9	10
31	Strategic decision support for long-term conservation management planning. <i>Forest Ecology and Management</i> , 2021, 497, 119533.	3.2	8
32	Measuring dendrofloristic diversity in urban parks in Novi Sad (Serbia). <i>Trees, Forests and People</i> , 2022, 8, 100239.	1.9	8
33	Design Features behind Success of the Ecosystem Management Decision Support System and Future Development. <i>Forests</i> , 2015, 6, 27-46.	2.1	7
34	Toward Geodesign for Watershed Restoration on the Fremont-Winema National Forest, Pacific Northwest, USA. <i>Sustainability</i> , 2017, 9, 678.	3.2	6
35	EMDS 3.0: A modeling framework for coping with complexity in environmental assessment and planning. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 63-75.	0.9	4
36	Management of Multiple Ecosystem Services under Climate Change, Bioeconomy and Participation. <i>Forests</i> , 2021, 12, 104.	2.1	4

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37	Evolving Approaches and Technologies to Enhance the Role of Ecological Modeling in Decision Making. , 2003, , 135-164.		3
38	EMDS 5.0 and Beyond. Environmental Science and Engineering, 2014, , 301-313.	0.2	3
39	Spatial Decision Support for Assessing Impacts of Atmospheric Sulfur Deposition on Aquatic Ecosystems in the Southern Appalachian Region. , 2012, , .		2
40	Synthesizing Vulnerability, Risk, Resilience, and Sustainability into VRRSability for Improving Geoinformation Decision Support Evaluations. ISPRS International Journal of Geo-Information, 2021, 10, 179.	2.9	2
41	Synthesis and New Directions. Environmental Science and Engineering, 2014, , 315-332.	0.2	2
42	Natural Resource Management. , 2003, , 239-265.		2
43	Assessing landscape plans with abbreviated pair-wise comparisons in the AHP (Analytic Hierarchy) Tj ETQq1 1 0.784314 rgBT 2 Overlock 1	0.1	2
44	A Web-Based Approach for Visualizing Interactive Decision Maps. Information (Switzerland), 2021, 12, 9.	2.9	2
45	Landscape Evaluation and Restoration Planning. Environmental Science and Engineering, 2014, , 135-174.	0.2	1
46	Lessons Learned from the Implementation of VDTT and EMDS for the Management Planning of the Okanogan Wenatchee National Forest (WA, USA). Procedia Technology, 2013, 8, 37-46.	1.1	0
47	Evaluating Wildfire Hazard and Risk for Fire Management Applications. Environmental Science and Engineering, 2014, , 111-133.	0.2	0