Keith M Reynolds

List of Publications by Year in descending order

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

KEITH M REYNOLDS

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19	National fuel-treatment budgeting in US federal agencies: Capturing opportunities for transparent decision-making. Forest Ecology and Management, 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. Forest Ecology and Management, 1991, 43, 137-151.	3.2	14
21	Steady-state sulfur critical loads and exceedances for protection ofÂaquatic ecosystems in the U.S. southern Appalachian Mountains. Journal of Environmental Management, 2014, 146, 407-419.	7.8	13
22	An Overview of the Ecosystem Management Decision-Support System. Environmental Science and Engineering, 2014, , 3-22.	0.2	13
23	Regional Forest Landscape Restoration Priorities: Integrating Historical Conditions and an Uncertain Future in the Northern Rocky Mountains. Journal of Forestry, 2014, 112, 474-483.	1.0	13
24	The role of knowledge management tools in supporting sustainable forest management. Forest Systems, 2013, 22, 442.	0.3	13
25	Using Analytic Hierarchy Process and Best–Worst Method in Group Evaluation of Urban Park Quality. Forests, 2022, 13, 290.	2.1	13
26	Sensitivity Analysis of Land Unit Suitability for Conservation Using a Knowledge-Based System. Environmental Management, 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. Forest Ecology and Management, 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. Forests, 2021, 12, 399.	2.1	11
29	A Knowledge-Based Approach to the Assessment of Watershed Condition. Environmental Monitoring and Assessment, 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. Land, 2021, 10, 747.	2.9	10
31	Strategic decision support for long-term conservation management planning. Forest Ecology and Management, 2021, 497, 119533.	3.2	8
32	Measuring dendrofloristic diversity in urban parks in Novi Sad (Serbia). Trees, Forests and People, 2022, 8, 100239.	1.9	8
33	Design Features behind Success of the Ecosystem Management Decision Support System and Future Development. Forests, 2015, 6, 27-46.	2.1	7
34	Toward Geodesign for Watershed Restoration on the Fremont-Winema National Forest, Pacific Northwest, USA. Sustainability, 2017, 9, 678.	3.2	6
35	EMDS 3.0: A modeling framework for coping with complexity in environmental assessment and planning. Science in China Series D: Earth Sciences, 2006, 49, 63-75.	0.9	4
36	Management of Multiple Ecosystem Services under Climate Change, Bioeconomy and Participation. Forests, 2021, 12, 104.	2.1	4

KEITH M REYNOLDS

#	Article	IF	CITATIONS
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 (Analitic Hierarchy) Tj ETQq1 1 0.7	84314 rgE 0.1	3T <u>/</u> Overlock
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	Ο