Mika Marttunen

List of Publications by Year
in descending order

30 papers	1,502 citations	393982 19 h-index	476904 29 g-index
30 all docs	30 docs citations	30 times ranked	1744 citing authors

#	Article	IF	Citations
1	Complementary use of the Ecosystem Service Concept and Multi-criteria Decision Analysis in Water Management. Environmental Management, 2022, 69, 719-734.	1.2	8
2	Utilizing ecosystem service classifications in multi-criteria decision analysis â€“ Experiences of peat extraction case in Finland. Ecosystem Services, 2020, 41, 101049.	2.3	17
3	Improving resilience of reservoir operation in the context of watercourse regulation in Finland. EURO Journal on Decision Processes, 2019, 7, 359-386.	1.8	5
4	Severe Drought in Finland: Modeling Effects on Water Resources and Assessing Climate Change Impacts. Sustainability, 2019, 11, 2450.	1.6	27
5	Can There be Water Scarcity with Abundance of Water? Analyzing Water Stress during a Severe Drought in Finland. Sustainability, 2019, 11, 1548.	1.6	23
6	Methods to inform the development of concise objectives hierarchies in multi-criteria decision analysis. European Journal of Operational Research, 2019, 277, 604-620.	3.5	32
7	Identifying relevant objectives in environmental management decisions: An application to a national monitoring program for river restoration. Ecological Indicators, 2019, 101, 851-866.	2.6	16
8	Energy security impacts of a severe drought on the future Finnish energy system. Journal of Environmental Management, 2018, 217, 542-554.	3.8	39
9	Collaborative Planning in Adaptive Flood Risk Management under Climate Change. Water Resources Management, 2018, 32, 1383-1397.	1.9	18
10	Are objectives hierarchy related biases observed in practice? A meta-analysis of environmental and energy applications of Multi-Criteria Decision Analysis. European Journal of Operational Research, 2018, 265, 178-194.	3.5	55
11	Use of Analyst-Generated Stakeholder Preference Profiles in Multi-Criteria Decision Analysis â€” Experiences from an Urban Planning Case. Journal of Environmental Assessment Policy and Management, 2018, 20, 1840002.	4.3	13
12	Structuring problems for Multi-Criteria Decision Analysis in practice: A literature review of method combinations. European Journal of Operational Research, 2017, 263, 1-17.	3.5	284
13	Comparison of multi-criteria decision analytical software for supporting environmental planning processes. Environmental Modelling and Software, 2017, 93, 78-91.	1.9	47
14	Monetary assessment of the recreational benefits of improved water quality â€“ description of a new model and a case study. Journal of Environmental Planning and Management, 2017, 60, 1944-1966.	2.4	6
15	Multi-Criteria Decision Analysis and Cost-Benefit Analysis: Comparing alternative frameworks for integrated valuation of ecosystem services. Ecosystem Services, 2016, 22, 238-249.	2.3	122
16	How to design and realize participation of stakeholders in MCDA processes? A framework for selecting an appropriate approach. EURO Journal on Decision Processes, 2015, 3, 187-214.	1.8	74
17	Integrating ecosystem services into environmental impact assessment: An analyticâ€“deliberative approach. Environmental Impact Assessment Review, 2013, 40, 54-64.	4.4	84
18	Participatory multi-criteria assessment as â€˜opening upâ€™ vs. â€˜closing downâ€™ of policy discourses: A case of old-growth forest conflict in Finnish Upper Lapland. Land Use Policy, 2013, 32, 329-336.	2.5	31

#	Article	IF	Citations
19	Use of decision analysis interviews to support the sustainable use of the forests in Finnish Upper Lapland. Journal of Environmental Management, 2011, 92, 1550-1563.	3.8	46
20	Climate Change Impacts on Water Resources and Lake Regulation in the Vuoksi Watershed in Finland. Water Resources Management, 2010, 24, 3437-3459.	1.9	30
21	Web-Based Decision Support: Creating a Culture of Applying Multi-criteria Decision Analysis and Web-Supported Participation in Environmental Decision Making. Advances in Group Decision and Negotation, 2010, , 201-221.	0.1	11
22	Use of the water-level fluctuation analysis tool (Regcel) in hydrological status assessment of Finnish lakes. Hydrobiologia, 2008, 613, 133.	1.0	20
23	The Decision Analysis Interview Approach in the Collaborative Management of a Large Regulated Water Course. Environmental Management, 2008, 42, 1026-1042.	1.2	62
24	Use of the water-level fluctuation analysis tool (Regcel) in hydrological status assessment of finnish lakes. , 2008, , 133-142.		0
25	Public involvement in multi-objective water level regulation development projectsâ€"evaluating the applicability of public involvement methods. Environmental Impact Assessment Review, 2005, 25, 281-304.	4.4	34
26	Participatory and multiobjective development of watercourse regulationâ€"creation of regulation alternatives from stakeholders' preferences. Journal of Multi-Criteria Decision Analysis, 2005, 13, 29-49.	1.0	38
27	Toward Adaptive Management: The Impacts of Different Management Strategies on Fish Stocks and Fisheries in a Large Regulated Lake. Environmental Management, 2004, 33, 840-54.	1.2	11
28	Participatory multicriteria decision analysis with Web-HIPRE: a case of lake regulation policy. Environmental Modelling and Software, 2004, 19, 537-547.	1.9	131
29	Evaluating a Framework for Multi-Stakeholder Decision Support in Water Resources Management. Group Decision and Negotiation, 2001, 10, 331-353.	2.0	104
30	Decision analysis interviews in environmental impact assessment. European Journal of Operational Research, 1995, 87, 551-563.	3.5	114