Russell M Wise

List of Publications by Year
in descending order

43 papers	3,234 citations	201385 27 h-index	264894 42 g-index
44 all docs	44 docs citations	44 times ranked	4048 citing authors

#	Article	IF	Citations
1	Reconceptualising adaptation to climate change as part of pathways of change and response. Global Environmental Change, 2014, 28, 325-336.	3.6	741
2	Ten essentials for action-oriented and second order energy transitions, transformations and climate change research. Energy Research and Social Science, 2018, 40, 54-70.	3.0	260
3	Values, rules and knowledge: Adaptation as change in the decision context. Environmental Science and Policy, 2016, 57, 60-69.	2.4	211
4	Framing the application of adaptation pathways for rural livelihoods and global change in eastern Indonesian islands. Global Environmental Change, 2014, 28, 368-382.	3.6	145
5	Integrating Top-Down and Bottom-Up Adaptation Planning to Build Adaptive Capacity: A Structured Learning Approach. Coastal Management, 2015, 43, 346-364.	1.0	144
6	Ecological mechanisms underpinning climate adaptation services. Global Change Biology, 2015, 21, 12-31.	4.2	136
7	An integrative research framework for enabling transformative adaptation. Environmental Science and Policy, 2017, 68, 87-96.	2.4	136
8	Past and future adaptation pathways. Climate and Development, 2016, 8, 26-44.	2.2	119
9	Priming adaptation pathways through adaptive co-management: Design and evaluation for developing countries. Climate Risk Management, 2016, 12, 1-16.	1.6	103
10	The sustainable development goals: A case study. Marine Policy, 2017, 86, 94-103.	1.5	92
11	Adaptation pathways: A review of approaches and a learning framework. Environmental Science and Policy, 2021, 116, 266-275.	2.4	84
12	Carbon-accounting methods and reforestation incentives. Australian Journal of Agricultural and Resource Economics, 2003, 47, 153-179.	1.3	82
13	Costs, benefits and management options for an invasive alien tree species: The case of mesquite in the Northern Cape, South Africa. Journal of Arid Environments, 2012, 84, 80-90.	1.2	82
14	Scenario planning to leap-frog the Sustainable Development Goals: An adaptation pathways approach. Climate Risk Management, 2016, 12, 83-99.	1.6	75
15	Building resilient pathways to transformation when “no one is in charge”: insights from Australia's Murray-Darling Basin. Ecology and Society, 2016, 21, .	1.0	67
16	Adaptation Pathways in Coastal Case Studies: Lessons Learned and Future Directions. Coastal Management, 2017, 45, 384-405.	1.0	66
17	Knowledge co-production for Indigenous adaptation pathways: Transform post-colonial articulation complexes to empower local decision-making. Global Environmental Change, 2020, 65, 102161.	3.6	66
18	Trajectories of exposure and vulnerability of small islands to climate change. Wiley Interdisciplinary Reviews: Climate Change, 2017, 8, e478.	3.6	62

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19	Bioeconomic modeling for control of weeds in natural environments. Ecological Economics, 2008, 65, 559-568.	2.9	56
20	Adapting transformation and transforming adaptation to climate change using a pathways approach. Environmental Science and Policy, 2021, 124, 163-174.	2.4	51
21	Adaptation services of floodplains and wetlands under transformational climate change. Ecological Applications, 2016, 26, 1003-1017.	1.8	42
22	Co-designing transformation research: lessons learned from research on deliberate practices for transformation. Current Opinion in Environmental Sustainability, 2016, 20, 86-92.	3.1	41
23	Integrating socio-economic and biophysical data to support water allocations within river basins: An example from the Inkomati Water Management Area in South Africa. Environmental Modelling and Software, 2010, 25, 43-50.	1.9	40
24	Natureâ€™s contribution to adaptation: insights from examples of the transformation of social-ecological systems. Ecosystems and People, 2020, 16, 137-150.	1.3	38
25	Adaptation services and pathways for the management of temperate montane forests under transformational climate change. Climatic Change, 2016, 138, 267-282.	1.7	37
26	Treeâ€“crop interactions and their environmental and economic implications in the presence of carbon-sequestration payments. Environmental Modelling and Software, 2005, 20, 1139-1148.	1.9	29
27	Carbon Monitoring Costs and their Effect on Incentives to Sequester Carbon through Forestry. Mitigation and Adaptation Strategies for Global Change, 2004, 9, 273-293.	1.0	28
28	Advancing climate resilient development pathways since the IPCCâ€™s fifth assessment report. Environmental Science and Policy, 2021, 126, 168-176.	2.4	27
29	How climate compatible are livelihood adaptation strategies and development programs in rural Indonesia?. Climate Risk Management, 2016, 12, 100-114.	1.6	22
30	The Asset Drivers, Well-being Interaction Matrix (ADWIM): A participatory tool for estimating future impacts on ecosystem services and livelihoods. Climate Risk Management, 2016, 12, 69-82.	1.6	19
31	A bioeconomic analysis of carbon sequestration in farm forestry: a simulation study of Gliricidia sepium. Agroforestry Systems, 2005, 64, 237-250.	0.9	17
32	How Feasible Is the Scaling-Out of Livelihood and Food System Adaptation in Asia-Pacific Islands?. Frontiers in Sustainable Food Systems, 2020, 4, .	1.8	16
33	A comparison of the biophysical and economic water-use efficiencies of indigenous and introduced forests in South Africa. Forest Ecology and Management, 2011, 262, 906-915.	1.4	13
34	Costs of Expanding the Network of Protected Areas as a Response to Climate Change in the Cape Floristic Region. Conservation Biology, 2012, 26, 397-407.	2.4	11
35	Fertilizer effects on the sustainability and profitability of agroforestry in the presence of carbon payments. Environmental Modelling and Software, 2007, 22, 1372-1381.	1.9	10
36	A bioeconomic analysis of the potential of Indonesian agroforests as carbon sinks. Environmental Science and Policy, 2011, 14, 451-461.	2.4	8

#	Article	IF	Citations
37	Securing a sustainable future through a new global contract between rich and poor. Sustainable Development, 2010, 18, 374-384.	6.9	7
38	Estimating carbon in savanna ecosystems: rational distribution of effort. Mitigation and Adaptation Strategies for Global Change, 2009, 14, 579-604.	1.0	6
39	Estimating the carbon emissions balance for South Africa. South African Journal of Economic and Management Sciences, 2011, 12, 263-279.	0.4	6
40	The viability of the South African biofuels industrial strategy. International Journal of Environment and Pollution, 2009, 39, 74.	0.2	5
41	National Climate Change Adaptation Case Study: Early Adaptation to Climate Change through Climate-Compatible Development and Adaptation Pathways. , 2021, , 365-388.		1
42	Climate change adaptation guidance: Clarifying three modes of planning and implementation. Climate Risk Management, 2022, 35, 100392.	1.6	1
43	Adaptation services of floodplains and wetlands under transformational climate change. , 0, , .		0