

# Russell M Wise

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Climate change adaptation guidance: Clarifying three modes of planning and implementation. <i>Climate Risk Management</i> , 2022, 35, 100392.	1.6	1
2	Adaptation pathways: A review of approaches and a learning framework. <i>Environmental Science and Policy</i> , 2021, 116, 266-275.	2.4	84
3	Adapting transformation and transforming adaptation to climate change using a pathways approach. <i>Environmental Science and Policy</i> , 2021, 124, 163-174.	2.4	51
4	National Climate Change Adaptation Case Study: Early Adaptation to Climate Change through Climate-Compatible Development and Adaptation Pathways. , 2021, , 365-388.		1
5	Advancing climate resilient development pathways since the IPCC's fifth assessment report. <i>Environmental Science and Policy</i> , 2021, 126, 168-176.	2.4	27
6	Knowledge co-production for Indigenous adaptation pathways: Transform post-colonial articulation complexes to empower local decision-making. <i>Global Environmental Change</i> , 2020, 65, 102161.	3.6	66
7	Nature's contribution to adaptation: insights from examples of the transformation of social-ecological systems. <i>Ecosystems and People</i> , 2020, 16, 137-150.	1.3	38
8	How Feasible Is the Scaling-Out of Livelihood and Food System Adaptation in Asia-Pacific Islands?. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	16
9	Ten essentials for action-oriented and second order energy transitions, transformations and climate change research. <i>Energy Research and Social Science</i> , 2018, 40, 54-70.	3.0	260
10	An integrative research framework for enabling transformative adaptation. <i>Environmental Science and Policy</i> , 2017, 68, 87-96.	2.4	136
11	Trajectories of exposure and vulnerability of small islands to climate change. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2017, 8, e478.	3.6	62
12	The sustainable development goals: A case study. <i>Marine Policy</i> , 2017, 86, 94-103.	1.5	92
13	Adaptation Pathways in Coastal Case Studies: Lessons Learned and Future Directions. <i>Coastal Management</i> , 2017, 45, 384-405.	1.0	66
14	Building resilient pathways to transformation when 'no one is in charge': insights from Australia's Murray-Darling Basin. <i>Ecology and Society</i> , 2016, 21, .	1.0	67
15	Adaptation services of floodplains and wetlands under transformational climate change. <i>Ecological Applications</i> , 2016, 26, 1003-1017.	1.8	42
16	Co-designing transformation research: lessons learned from research on deliberate practices for transformation. <i>Current Opinion in Environmental Sustainability</i> , 2016, 20, 86-92.	3.1	41
17	Adaptation services and pathways for the management of temperate montane forests under transformational climate change. <i>Climatic Change</i> , 2016, 138, 267-282.	1.7	37
18	The Asset Drivers, Well-being Interaction Matrix (ADWIM): A participatory tool for estimating future impacts on ecosystem services and livelihoods. <i>Climate Risk Management</i> , 2016, 12, 69-82.	1.6	19

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19	Priming adaptation pathways through adaptive co-management: Design and evaluation for developing countries. <i>Climate Risk Management</i> , 2016, 12, 1-16.	1.6	103
20	Scenario planning to leap-frog the Sustainable Development Goals: An adaptation pathways approach. <i>Climate Risk Management</i> , 2016, 12, 83-99.	1.6	75
21	Values, rules and knowledge: Adaptation as change in the decision context. <i>Environmental Science and Policy</i> , 2016, 57, 60-69.	2.4	211
22	How climate compatible are livelihood adaptation strategies and development programs in rural Indonesia?. <i>Climate Risk Management</i> , 2016, 12, 100-114.	1.6	22
23	Past and future adaptation pathways. <i>Climate and Development</i> , 2016, 8, 26-44.	2.2	119
24	Integrating Top-Down and Bottom-Up Adaptation Planning to Build Adaptive Capacity: A Structured Learning Approach. <i>Coastal Management</i> , 2015, 43, 346-364.	1.0	144
25	Ecological mechanisms underpinning climate adaptation services. <i>Global Change Biology</i> , 2015, 21, 12-31.	4.2	136
26	Reconceptualising adaptation to climate change as part of pathways of change and response. <i>Global Environmental Change</i> , 2014, 28, 325-336.	3.6	741
27	Framing the application of adaptation pathways for rural livelihoods and global change in eastern Indonesian islands. <i>Global Environmental Change</i> , 2014, 28, 368-382.	3.6	145
28	Costs of Expanding the Network of Protected Areas as a Response to Climate Change in the Cape Floristic Region. <i>Conservation Biology</i> , 2012, 26, 397-407.	2.4	11
29	Costs, benefits and management options for an invasive alien tree species: The case of mesquite in the Northern Cape, South Africa. <i>Journal of Arid Environments</i> , 2012, 84, 80-90.	1.2	82
30	A comparison of the biophysical and economic water-use efficiencies of indigenous and introduced forests in South Africa. <i>Forest Ecology and Management</i> , 2011, 262, 906-915.	1.4	13
31	Estimating the carbon emissions balance for South Africa. <i>South African Journal of Economic and Management Sciences</i> , 2011, 12, 263-279.	0.4	6
32	A bioeconomic analysis of the potential of Indonesian agroforests as carbon sinks. <i>Environmental Science and Policy</i> , 2011, 14, 451-461.	2.4	8
33	Integrating socio-economic and biophysical data to support water allocations within river basins: An example from the Inkomati Water Management Area in South Africa. <i>Environmental Modelling and Software</i> , 2010, 25, 43-50.	1.9	40
34	Securing a sustainable future through a new global contract between rich and poor. <i>Sustainable Development</i> , 2010, 18, 374-384.	6.9	7
35	Estimating carbon in savanna ecosystems: rational distribution of effort. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2009, 14, 579-604.	1.0	6
36	The viability of the South African biofuels industrial strategy. <i>International Journal of Environment and Pollution</i> , 2009, 39, 74.	0.2	5

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37	Bioeconomic modeling for control of weeds in natural environments. <i>Ecological Economics</i> , 2008, 65, 559-568.	2.9	56
38	Fertilizer effects on the sustainability and profitability of agroforestry in the presence of carbon payments. <i>Environmental Modelling and Software</i> , 2007, 22, 1372-1381.	1.9	10
39	Tree-crop interactions and their environmental and economic implications in the presence of carbon-sequestration payments. <i>Environmental Modelling and Software</i> , 2005, 20, 1139-1148.	1.9	29
40	A bioeconomic analysis of carbon sequestration in farm forestry: a simulation study of <i>Gliricidia sepium</i> . <i>Agroforestry Systems</i> , 2005, 64, 237-250.	0.9	17
41	Carbon Monitoring Costs and their Effect on Incentives to Sequester Carbon through Forestry. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2004, 9, 273-293.	1.0	28
42	Carbon-accounting methods and reforestation incentives. <i>Australian Journal of Agricultural and Resource Economics</i> , 2003, 47, 153-179.	1.3	82
43	Adaptation services of floodplains and wetlands under transformational climate change. , 0, , .		0