

# Neville D Crossman

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

5,578

citations

35

h-index

72

g-index

72

ext. papers

6,629

ext. citations

6.1

avg, IF

5.54

L-index

#	Paper	IF	Citations
66	Global estimates of the value of ecosystems and their services in monetary units. <i>Ecosystem Services</i> , <b>2012</b> , 1, 50-61	6.1	1301
65	A blueprint for mapping and modelling ecosystem services. <i>Ecosystem Services</i> , <b>2013</b> , 4, 4-14	6.1	459
64	Chinas response to a national land-system sustainability emergency. <i>Nature</i> , <b>2018</b> , 559, 193-204	50.4	420
63	Land in balance: The scientific conceptual framework for Land Degradation Neutrality. <i>Environmental Science and Policy</i> , <b>2018</b> , 79, 25-35	6.2	258
62	Land system science and sustainable development of the earth system: A global land project perspective. <i>Anthropocene</i> , <b>2015</b> , 12, 29-41	3.9	255
61	Environmental flows for natural, hybrid, and novel riverine ecosystems in a changing world. <i>Frontiers in Ecology and the Environment</i> , <b>2014</b> , 12, 466-473	5.5	220
60	Ecosystem services classification: A systems ecology perspective of the cascade framework. <i>Ecological Indicators</i> , <b>2017</b> , 74, 392-402	5.8	216
59	Targeting the management of ecosystem services based on social values: Where, what, and how?. <i>Landscape and Urban Planning</i> , <b>2010</b> , 97, 111-122	7.7	186
58	Identifying cost-effective hotspots for restoring natural capital and enhancing landscape multifunctionality. <i>Ecological Economics</i> , <b>2009</b> , 68, 654-668	5.6	129
57	Comparing spatially explicit ecological and social values for natural areas to identify effective conservation strategies. <i>Conservation Biology</i> , <b>2011</b> , 25, 172-81	6	102
56	Drought indicators revisited: the need for a wider consideration of environment and society. <i>Wiley Interdisciplinary Reviews: Water</i> , <b>2016</b> , 3, 516-536	5.7	94
55	Species vulnerability to climate change: impacts on spatial conservation priorities and species representation. <i>Global Change Biology</i> , <b>2012</b> , 18, 2335-2348	11.4	87
54	Landscape futures analysis: Assessing the impacts of environmental targets under alternative spatial policy options and future scenarios. <i>Environmental Modelling and Software</i> , <b>2011</b> , 26, 83-91	5.2	86
53	Carbon payments and low-cost conservation. <i>Conservation Biology</i> , <b>2011</b> , 25, 835-45	6	79
52	Supply of carbon sequestration and biodiversity services from Australias agricultural land under global change. <i>Global Environmental Change</i> , <b>2014</b> , 28, 166-181	10.1	74
51	Systematic landscape restoration using integer programming. <i>Biological Conservation</i> , <b>2006</b> , 128, 369-388.	8.2	71
50	Systematic regional planning for multiple objective natural resource management. <i>Journal of Environmental Management</i> , <b>2008</b> , 88, 1175-89	7.9	69

49	Systematic landscape restoration in the rural-urban fringe: meeting conservation planning and policy goals. <i>Biodiversity and Conservation</i> , <b>2007</b> , 16, 3781-3802	3.4	58
48	Identifying priority areas for reducing species vulnerability to climate change. <i>Diversity and Distributions</i> , <b>2012</b> , 18, 60-72	5	57
47	An ecosystem services approach to estimating economic losses associated with drought. <i>Ecological Economics</i> , <b>2013</b> , 91, 19-27	5.6	56
46	An invasive plant and climate change threat index for weed risk management: Integrating habitat distribution pattern and dispersal process. <i>Ecological Indicators</i> , <b>2011</b> , 11, 183-198	5.8	54
45	Systematically designating conservation areas for protecting habitat quality and multiple ecosystem services. <i>Environmental Modelling and Software</i> , <b>2017</b> , 90, 126-146	5.2	52
44	Economic and employment implications of a carbon market for integrated farm forestry and biodiverse environmental plantings. <i>Land Use Policy</i> , <b>2013</b> , 30, 496-506	5.6	52
43	Impact of multiple interacting financial incentives on land use change and the supply of ecosystem services. <i>Ecosystem Services</i> , <b>2013</b> , 4, 60-72	6.1	51
42	Bringing ecosystem services into integrated water resources management. <i>Journal of Environmental Management</i> , <b>2013</b> , 129, 92-102	7.9	49
41	Application of common predictive habitat techniques for post-border weed risk management. <i>Diversity and Distributions</i> , <b>2007</b> , 14, 213-224	5	45
40	Reconfiguring an irrigation landscape to improve provision of ecosystem services. <i>Ecological Economics</i> , <b>2010</b> , 69, 1031-1042	5.6	44
39	Land science contributions to ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , <b>2013</b> , 5, 509-514	7.2	42
38	Land use efficiency: anticipating future demand for land-sector greenhouse gas emissions abatement and managing trade-offs with agriculture, water, and biodiversity. <i>Global Change Biology</i> , <b>2015</b> , 21, 4098-114	11.4	42
37	Physical and monetary ecosystem service accounts for Europe: A case study for in-stream nitrogen retention. <i>Ecosystem Services</i> , <b>2017</b> , 23, 18-29	6.1	40
36	Ecosystem services and Australian agricultural enterprises. <i>Ecological Economics</i> , <b>2012</b> , 74, 19-26	5.6	36
35	The value of public and private green spaces under water restrictions. <i>Landscape and Urban Planning</i> , <b>2010</b> , 95, 192-200	7.7	36
34	Using ecosystem services to represent the environment in hydro-economic models. <i>Journal of Hydrology</i> , <b>2016</b> , 538, 293-303	6	33
33	Long-term ecological trends of flow-dependent ecosystems in a major regulated river basin. <i>Marine and Freshwater Research</i> , <b>2015</b> , 66, 957	2.2	32
32	The importance of population growth, seed dispersal and habitat suitability in determining plant invasiveness. <i>Euphytica</i> , <b>2006</b> , 148, 97-109	2.1	30

31	Contribution of site assessment toward prioritising investment in natural capital. <i>Environmental Modelling and Software</i> , <b>2011</b> , 26, 30-37	5.2	29
30	A conservation industry for sustaining natural capital and ecosystem services in agricultural landscapes. <i>Ecological Economics</i> , <b>2010</b> , 69, 680-689	5.6	28
29	Uncertainty analysis of crowd-sourced and professionally collected field data used in species distribution models of Taiwanese moths. <i>Biological Conservation</i> , <b>2015</b> , 181, 102-110	6.2	25
28	Agricultural Land Fragmentation at Urban Fringes: An Application of Urban-To-Rural Gradient Analysis in Adelaide. <i>Land</i> , <b>2017</b> , 6, 28	3.5	25
27	A visualization and data-sharing tool for ecosystem service maps: Lessons learnt, challenges and the way forward. <i>Ecosystem Services</i> , <b>2015</b> , 13, 134-140	6.1	24
26	Adaptive management for mitigating <i>Cryptosporidium</i> risk in source water: a case study in an agricultural catchment in South Australia. <i>Journal of Environmental Management</i> , <b>2009</b> , 90, 3122-34	7.9	24
25	Integrated valuation of ecosystem services obtained from restoring water to the environment in a major regulated river basin. <i>Ecosystem Services</i> , <b>2016</b> , 22, 381-391	6.1	22
24	Water allocation reform to meet environmental uses while sustaining irrigation: a case study of the MurrayDarling Basin, Australia. <i>Water Policy</i> , <b>2014</b> , 16, 739-754	1.6	22
23	CREDOS: A Conservation Reserve Evaluation And Design Optimisation System. <i>Environmental Modelling and Software</i> , <b>2007</b> , 22, 449-463	5.2	22
22	Mapping and assessing ecosystem services in the EU - Lessons learned from the ESMERALDA approach of integration. <i>One Ecosystem</i> , 3,		19
21	Understanding the sources of uncertainty to reduce the risks of undesirable outcomes in large-scale freshwater ecosystem restoration projects: An example from the MurrayDarling Basin, Australia. <i>Environmental Science and Policy</i> , <b>2013</b> , 33, 97-108	6.2	18
20	Identifying ecosystem service hotspots for targeting land degradation neutrality investments in south-eastern Africa. <i>Journal of Arid Environments</i> , <b>2018</b> , 159, 75-86	2.5	17
19	Space matters: the importance of amenity in planning metropolitan growth. <i>Australian Journal of Agricultural and Resource Economics</i> , <b>2013</b> , 57, 38-59	2.4	17
18	A state-wide economic assessment of coastal and marine ecosystem services to inform sustainable development policies in the Northern Territory, Australia. <i>Marine Policy</i> , <b>2019</b> , 107, 103595	3.5	15
17	Using mental-modelling to explore how irrigators in the MurrayDarling Basin make water-use decisions. <i>Journal of Hydrology: Regional Studies</i> , <b>2016</b> , 6, 1-12	3.6	14
16	Ecosystem services in agricultural landscapes: a spatially explicit approach to support sustainable soil management. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 483298	2.2	14
15	Practical solutions for bottlenecks in ecosystem services mapping. <i>One Ecosystem</i> , 3, e20713		14
14	Conservation planning to zone protected areas under optimal landscape management for bird conservation. <i>Environmental Modelling and Software</i> , <b>2014</b> , 60, 121-133	5.2	6

13	Ecological Processes, Functions and Ecosystem Services <b>2013</b> , 16-27		6
12	Stakeholder Coinquiries on Drought Impacts, Monitoring, and Early Warning Systems. <i>Bulletin of the American Meteorological Society</i> , <b>2016</b> , 97, ES217-ES220	6.1	6
11	An ecosystem services and Bayesian modelling approach to assess the utility of water resource development in rangelands of north Australia. <i>Journal of Arid Environments</i> , <b>2018</b> , 159, 34-44	2.5	5
10	Most finance to halt desertification also benefits multiple ecosystem services: A key to unlock investments in Land Degradation Neutrality?. <i>Ecosystem Services</i> , <b>2018</b> , 31, 265-277	6.1	5
9	Mapping Ecosystem Services <b>2016</b> , 188-204		5
8	Expansion of Protected Areas under Climate Change: An Example of Mountainous Tree Species in Taiwan. <i>Forests</i> , <b>2014</b> , 5, 2882-2904	2.8	4
7	Financial Mechanisms to Improve the Supply of Ecosystem Services from Privately-Owned Australian Native Forests. <i>Forests</i> , <b>2016</b> , 7, 34	2.8	4
6	Aggregate effects on ecosystem services from certification of tea farming in the Upper Tana River basin, Kenya. <i>Ecosystem Services</i> , <b>2019</b> , 38, 100962	6.1	2
5	Using an ecosystem services-based approach to measure the benefits of reducing diversions of freshwater: a case study in the Murray-Darling basin, Australia82-89		2
4	Global socio-economic impacts of changes in natural capital and ecosystem services: State of play and new modeling approaches. <i>Ecosystem Services</i> , <b>2020</b> , 46, 101202	6.1	1
3	Analysing Landscape Futures for Dryland Agricultural Areas: a Case Study in the Lower Murray Region of Southern Australia <b>2008</b> , 407-434		
2	Wetland Monitoring: Reporting <b>2018</b> , 1803-1810		
1	Wetland Monitoring: Reporting <b>2016</b> , 1-7		