Neville D Crossman

List of Publications by Year in Descending Order

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 socio-economic impacts of changes in natural capital and ecosystem services: State of play and new modeling approaches. *Ecosystem Services*, **2020**, 46, 101202	6.1	1
65	Aggregate effects on ecosystem services from certification of tea farming in the Upper Tana River basin, Kenya. *Ecosystem Services*, **2019**, 38, 100962	6.1	2
64	A state-wide economic assessment of coastal and marine ecosystem services to inform sustainable development policies in the Northern Territory, Australia. *Marine Policy*, **2019**, 107, 103595	3.5	15
63	An ecosystem services and Bayesian modelling approach to assess the utility of water resource development in rangelands of north Australia. *Journal of Arid Environments*, **2018**, 159, 34-44	2.5	5
62	Most finance to halt desertification also benefits multiple ecosystem services: A key to unlock investments in Land Degradation Neutrality?. *Ecosystem Services*, **2018**, 31, 265-277	6.1	5
61	Identifying ecosystem service hotspots for targeting land degradation neutrality investments in south-eastern Africa. *Journal of Arid Environments*, **2018**, 159, 75-86	2.5	17
60	Chinaœs response to a national land-system sustainability emergency. *Nature*, **2018**, 559, 193-204	50.4	420
59	Wetland Monitoring: Reporting **2018**, 1803-1810		
58	Land in balance: The scientific conceptual framework for Land Degradation Neutrality. *Environmental Science and Policy*, **2018**, 79, 25-35	6.2	258
57	Physical and monetary ecosystem service accounts for Europe: A case study for in-stream nitrogen retention. *Ecosystem Services*, **2017**, 23, 18-29	6.1	40
56	Systematically designating conservation areas for protecting habitat quality and multiple ecosystem services. *Environmental Modelling and Software*, **2017**, 90, 126-146	5.2	52
55	Ecosystem services classification: A systems ecology perspective of the cascade framework. *Ecological Indicators*, **2017**, 74, 392-402	5.8	216
54	Agricultural Land Fragmentation at Urban Fringes: An Application of Urban-To-Rural Gradient Analysis in Adelaide. *Land*, **2017**, 6, 28	3.5	25
53	Integrated valuation of ecosystem services obtained from restoring water to the environment in a major regulated river basin. *Ecosystem Services*, **2016**, 22, 381-391	6.1	22
52	Using mental-modelling to explore how irrigators in the MurrayDarling Basin make water-use decisions. *Journal of Hydrology: Regional Studies*, **2016**, 6, 1-12	3.6	14
51	Mapping Ecosystem Services **2016**, 188-204		5
50	Wetland Monitoring: Reporting **2016**, 1-7		

49	Financial Mechanisms to Improve the Supply of Ecosystem Services from Privately-Owned Australian Native Forests. *Forests*, **2016**, 7, 34	2.8	4
48	Drought indicators revisited: the need for a wider consideration of environment and society. *Wiley Interdisciplinary Reviews: Water*, **2016**, 3, 516-536	5.7	94
47	Using ecosystem services to represent the environment in hydro-economic models. *Journal of Hydrology*, **2016**, 538, 293-303	6	33
46	Stakeholder Coinquiries on Drought Impacts, Monitoring, and Early Warning Systems. *Bulletin of the American Meteorological Society*, **2016**, 97, ES217-ES220	6.1	6
45	Long-term ecological trends of flow-dependent ecosystems in a major regulated river basin. *Marine and Freshwater Research*, **2015**, 66, 957	2.2	32
44	A visualization and data-sharing tool for ecosystem service maps: Lessons learnt, challenges and the way forward. *Ecosystem Services*, **2015**, 13, 134-140	6.1	24
43	Uncertainty analysis of crowd-sourced and professionally collected field data used in species distribution models of Taiwanese moths. *Biological Conservation*, **2015**, 181, 102-110	6.2	25
42	Land system science and sustainable development of the earth system: A global land project perspective. *Anthropocene*, **2015**, 12, 29-41	3.9	255
41	Land use efficiency: anticipating future demand for land-sector greenhouse gas emissions abatement and managing trade-offs with agriculture, water, and biodiversity. *Global Change Biology*, **2015**, 21, 4098-114	11.4	42
40	Conservation planning to zone protected areas under optimal landscape management for bird conservation. *Environmental Modelling and Software*, **2014**, 60, 121-133	5.2	6
39	Supply of carbon sequestration and biodiversity services from Australiaʦ agricultural land under global change. *Global Environmental Change*, **2014**, 28, 166-181	10.1	74
38	Environmental flows for natural, hybrid, and novel riverine ecosystems in a changing world. *Frontiers in Ecology and the Environment*, **2014**, 12, 466-473	5.5	220
37	Ecosystem services in agricultural landscapes: a spatially explicit approach to support sustainable soil management. *Scientific World Journal, The*, **2014**, 2014, 483298	2.2	14
36	Expansion of Protected Areas under Climate Change: An Example of Mountainous Tree Species in Taiwan. *Forests*, **2014**, 5, 2882-2904	2.8	4
35	Water allocation reform to meet environmental uses while sustaining irrigation: a case study of the Murray□Darling Basin, Australia. *Water Policy*, **2014**, 16, 739-754	1.6	22
34	Ecological Processes, Functions and Ecosystem Services **2013**, 16-27		6
33	Land science contributions to ecosystem services. *Current Opinion in Environmental Sustainability*, **2013**, 5, 509-514	7.2	42
32	Bringing ecosystem services into integrated water resources management. *Journal of Environmental Management*, **2013**, 129, 92-102	7.9	49

31	Understanding the sources of uncertainty to reduce the risks of undesirable outcomes in large-scale freshwater ecosystem restoration projects: An example from the Murray-Darling Basin, Australia. *Environmental Science and Policy*, **2013**, 33, 97-108	6.2	18
30	Space matters: the importance of amenity in planning metropolitan growth. *Australian Journal of Agricultural and Resource Economics*, **2013**, 57, 38-59	2.4	17
29	A blueprint for mapping and modelling ecosystem services. *Ecosystem Services*, **2013**, 4, 4-14	6.1	459
28	An ecosystem services approach to estimating economic losses associated with drought. *Ecological Economics*, **2013**, 91, 19-27	5.6	56
27	Impact of multiple interacting financial incentives on land use change and the supply of ecosystem services. *Ecosystem Services*, **2013**, 4, 60-72	6.1	51
26	Economic and employment implications of a carbon market for integrated farm forestry and biodiverse environmental plantings. *Land Use Policy*, **2013**, 30, 496-506	5.6	52
25	Ecosystem services and Australian agricultural enterprises. *Ecological Economics*, **2012**, 74, 19-26	5.6	36
24	Species vulnerability to climate change: impacts on spatial conservation priorities and species representation. *Global Change Biology*, **2012**, 18, 2335-2348	11.4	87
23	Global estimates of the value of ecosystems and their services in monetary units. *Ecosystem Services*, **2012**, 1, 50-61	6.1	1301
22	Identifying priority areas for reducing species vulnerability to climate change. *Diversity and Distributions*, **2012**, 18, 60-72	5	57
21	An invasive plant and climate change threat index for weed risk management: Integrating habitat distribution pattern and dispersal process. *Ecological Indicators*, **2011**, 11, 183-198	5.8	54
20	Comparing spatially explicit ecological and social values for natural areas to identify effective conservation strategies. *Conservation Biology*, **2011**, 25, 172-81	6	102
19	Carbon payments and low-cost conservation. *Conservation Biology*, **2011**, 25, 835-45	6	79
18	Landscape futures analysis: Assessing the impacts of environmental targets under alternative spatial policy options and future scenarios. *Environmental Modelling and Software*, **2011**, 26, 83-91	5.2	86
17	Contribution of site assessment toward prioritising investment in natural capital. *Environmental Modelling and Software*, **2011**, 26, 30-37	5.2	29
16	The value of public and private green spaces under water restrictions. *Landscape and Urban Planning*, **2010**, 95, 192-200	7.7	36
15	Targeting the management of ecosystem services based on social values: Where, what, and how?. *Landscape and Urban Planning*, **2010**, 97, 111-122	7.7	186
14	Reconfiguring an irrigation landscape to improve provision of ecosystem services. *Ecological Economics*, **2010**, 69, 1031-1042	5.6	44

13	A conservation industry for sustaining natural capital and ecosystem services in agricultural landscapes. *Ecological Economics*, **2010**, 69, 680-689	5.6	28
12	Identifying cost-effective hotspots for restoring natural capital and enhancing landscape multifunctionality. *Ecological Economics*, **2009**, 68, 654-668	5.6	129
11	Adaptive management for mitigating Cryptosporidium risk in source water: a case study in an agricultural catchment in South Australia. *Journal of Environmental Management*, **2009**, 90, 3122-34	7.9	24
10	Systematic regional planning for multiple objective natural resource management. *Journal of Environmental Management*, **2008**, 88, 1175-89	7.9	69
9	Analysing Landscape Futures for Dryland Agricultural Areas: a Case Study in the Lower Murray Region of Southern Australia **2008**, 407-434		
8	CREDOS: A Conservation Reserve Evaluation And Design Optimisation System. *Environmental Modelling and Software*, **2007**, 22, 449-463	5.2	22
7	Application of common predictive habitat techniques for post-border weed risk management. *Diversity and Distributions*, **2007**, 14, 213-224	5	45
6	Systematic landscape restoration in the rural□rban fringe: meeting conservation planning and policy goals. *Biodiversity and Conservation*, **2007**, 16, 3781-3802	3.4	58
5	Systematic landscape restoration using integer programming. *Biological Conservation*, **2006**, 128, 369-383	3.2	71
4	The importance of population growth, seed dispersal and habitat suitability in determining plant invasiveness. *Euphytica*, **2006**, 148, 97-109	2.1	30
3	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
2	Practical solutions for bottlenecks in ecosystem services mapping. *One Ecosystem*,3, e20713		14
1	Mapping and assessing ecosystem services in the EU - Lessons learned from the ESMERALDA approach of integration. *One Ecosystem*,3,		19