Paula A Harrison

List of Publications by Year
in descending order

95 papers	7,789 citations	53794 45 h-index	51608 86 g-index
97 all docs	97 docs citations	97 times ranked	10781 citing authors

#	Article	IF	Citations
1	Towards an assessment of multiple ecosystem processes and services via functional traits. Biodiversity and Conservation, 2010, 19, 2873-2893.	2.6	759
2	Linkages between biodiversity attributes and ecosystem services: A systematic review. Ecosystem Services, 2014, 9, 191-203.	5.4	491
3	Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. Biodiversity and Conservation, 2010, 19, 2921-2947.	2.6	385
4	SPECIES: A Spatial Evaluation of Climate Impact on the Envelope of Species. Ecological Modelling, 2002, 154, 289-300.	2.5	377
5	Quantifying the Contribution of Organisms to the Provision of Ecosystem Services. BioScience, 2009, 59, 223-235.	4.9	312
6	Relative impacts of human-induced climate change and natural climate variability. Nature, 1999, 397, 688-691.	27.8	282
7	Modelling potential impacts of climate change on the bioclimatic envelope of species in Britain and Ireland. Global Ecology and Biogeography, 2002, 11, 453-462.	5.8	260
8	Achievements and needs for the climate change scenario framework. Nature Climate Change, 2020, 10, 1074-1084.	18.8	245
9	Indicators of biodiversity and ecosystem services: a synthesis across ecosystems and spatial scales. Oikos, 2009, 118, 1862-1871.	2.7	225
10	A conceptual framework to assess the effects of environmental change on ecosystem services. Biodiversity and Conservation, 2010, 19, 2823-2842.	2.6	178
11	Selecting methods for ecosystem service assessment: A decision tree approach. Ecosystem Services, 2018, 29, 481-498.	5.4	155
12	Assessing the vulnerability of agricultural land use and species to climate change and the role of policy in facilitating adaptation. Environmental Science and Policy, 2006, 9, 189-204.	4.9	151
13	Identifying and prioritising services in European terrestrial and freshwater ecosystems. Biodiversity and Conservation, 2010, 19, 2791-2821.	2.6	146
14	A Regional, Multi-Sectoral And Integrated Assessment Of The Impacts Of Climate And Socio-Economic Change In The Uk. Climatic Change, 2005, 71, 9-41.	3.6	138
15	Ecosystem services and biodiversity conservation: concepts and a glossary. Biodiversity and Conservation, 2010, 19, 2773-2790.	2.6	137
16	Modelling climate change impacts on speciesâ€™ distributions at the European scale: implications for conservation policy. Environmental Science and Policy, 2006, 9, 116-128.	4.9	135
17	Institutional challenges in putting ecosystem service knowledge in practice. Ecosystem Services, 2018, 29, 579-598.	5.4	132
18	Multiscale scenarios for nature futures. Nature Ecology and Evolution, 2017, 1, 1416-1419.	7.8	131

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19	The means determine the end â€“ Pursuing integrated valuation in practice. Ecosystem Services, 2018, 29, 515-528.	5.4	128
20	Climate change impact modelling needs to include cross-sectoral interactions. Nature Climate Change, 2016, 6, 885-890.	18.8	117
21	How natural capital delivers ecosystem services: A typology derived from a systematic review. Ecosystem Services, 2017, 26, 111-126.	5.4	117
22	Relating farmer's perceptions of climate change risk to adaptation behaviour in Hungary. Journal of Environmental Management, 2017, 185, 21-30.	7.8	114
23	Biodiversityâ€™s contributions to sustainable development. Nature Sustainability, 2019, 2, 1083-1093.	23.7	109
24	Assessing uncertainties in land cover projections. Global Change Biology, 2017, 23, 767-781.	9.5	103
25	Combining qualitative and quantitative understanding for exploring cross-sectoral climate change impacts, adaptation and vulnerability in Europe. Regional Environmental Change, 2013, 13, 761-780.	2.9	100
26	Natureâ€™s contributions to people in mountains: A review. PLoS ONE, 2019, 14, e0217847.	2.5	94
27	New European socio-economic scenarios for climate change research: operationalising concepts to extend the shared socio-economic pathways. Regional Environmental Change, 2019, 19, 643-654.	2.9	89
28	A biodiversity target based on species extinctions. Science, 2020, 368, 1193-1195.	12.6	89
29	Research needs for incorporating the ecosystem service approach into EU biodiversity conservation policy. Biodiversity and Conservation, 2010, 19, 2979-2994.	2.6	82
30	Integrating methods for ecosystem service assessment: Experiences from real world situations. Ecosystem Services, 2018, 29, 499-514.	5.4	80
31	Handling a messy world: Lessons learned when trying to make the ecosystem services concept operational. Ecosystem Services, 2018, 29, 415-427.	5.4	79
32	Scale Sequence Joint Deep Learning (SS-JDL) for land use and land cover classification. Remote Sensing of Environment, 2020, 237, 111593.	11.0	76
33	The sensitivity and vulnerability of terrestrial habitats and species in Britain and Ireland to climate change. Journal for Nature Conservation, 2003, 11, 15-23.	1.8	66
34	Integrating multiple modelling approaches to predict the potential impacts of climate change on speciesâ€™ distributions in contrasting regions: comparison and implications for policy. Environmental Science and Policy, 2006, 9, 129-147.	4.9	64
35	The concepts and development of a participatory regional integrated assessment tool. Climatic Change, 2008, 90, 5-30.	3.6	62
36	(Dis) integrated valuation â€“ Assessing the information gaps in ecosystem service appraisals for governance support. Ecosystem Services, 2018, 29, 529-541.	5.4	59

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37	Assessing cross-sectoral climate change impacts, vulnerability and adaptation: an introduction to the CLIMSAVE project. Climatic Change, 2015, 128, 153-167.	3.6	58
38	Effects of climate change on Europe-wide winter wheat and sunflower productivity. Climate Research, 1996, 7, 225-241.	1.1	57
39	Future environmental change impacts on rural land use and biodiversity: a synthesis of the ACCELERATES project. Environmental Science and Policy, 2006, 9, 93-100.	4.9	56
40	Biophysical and sociocultural factors underlying spatial trade-offs of ecosystem services in semiarid watersheds. Ecology and Society, 2015, 20, .	2.3	56
41	Reflective Journal Prompts: A Vehicle for Stimulating Emotional Competence in Nursing. Journal of Nursing Education, 2010, 49, 644-652.	0.9	52
42	Exploring operational ecosystem service definitions: The case of boreal forests. Ecosystem Services, 2015, 14, 144-157.	5.4	51
43	Scaling-up the AFRCWHEAT2 model to assess phenological development for wheat in Europe. Agricultural and Forest Meteorology, 2000, 101, 167-186.	4.8	49
44	Exploring climate change vulnerability across sectors and scenarios using indicators of impacts and coping capacity. Climatic Change, 2015, 128, 339-354.	3.6	49
45	Cross-sectoral impacts of climate change and socio-economic change for multiple, European land- and water-based sectors. Climatic Change, 2015, 128, 279-292.	3.6	48
46	Ecosystem service provision in a changing Europe: adapting to the impacts of combined climate and socio-economic change. Landscape Ecology, 2015, 30, 443-461.	4.2	48
47	Differences between low-end and high-end climate change impacts in Europe across multiple sectors. Regional Environmental Change, 2019, 19, 695-709.	2.9	46
48	What can conservation strategies learn from the ecosystem services approach? Insights from ecosystem assessments in two Spanish protected areas. Biodiversity and Conservation, 2018, 27, 1575-1597.	2.6	45
49	Improving the representation of adaptation in climate change impact models. Regional Environmental Change, 2019, 19, 711-721.	2.9	45
50	Modelling the seasonality of Lyme disease risk and the potential impacts of a warming climate within the heterogeneous landscapes of Scotland. Journal of the Royal Society Interface, 2016, 13, 20160140.	3.4	43
51	Reviewing the dynamics of economic values and preferences for ecosystem goods and services. Biodiversity and Conservation, 2010, 19, 2855-2872.	2.6	39
52	Lyme Disease Risks in Europe under Multiple Uncertain Drivers of Change. Environmental Health Perspectives, 2019, 127, 67010.	6.0	35
53	Cross-sectoral impacts of climate and socio-economic change in Scotland: implications for adaptation policy. Regional Environmental Change, 2016, 16, 97-109.	2.9	34
54	Developing a reduced-form ensemble of climate change scenarios for Europe and its application to selected impact indicators. Climatic Change, 2015, 128, 169-186.	3.6	32

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55	Exploring the usefulness of scenario archetypes in science-policy processes: experience across IPBES assessments. Ecology and Society, 2019, 24, .	2.3	32
56	Assessing policy robustness of climate change adaptation measures across sectors and scenarios. Climatic Change, 2015, 128, 395-407.	3.6	31
57	Transition pathways to sustainability in greater than 2ÂÂ°C climate futures of Europe. Regional Environmental Change, 2019, 19, 777-789.	2.9	31
58	Direct and indirect impacts of climate and socio-economic change in Europe: a sensitivity analysis for key land- and water-based sectors. Climatic Change, 2015, 128, 261-277.	3.6	30
59	Applying a capitals framework to measuring coping and adaptive capacity in integrated assessment models. Climatic Change, 2015, 128, 323-337.	3.6	29
60	Why conserve biodiversity? A multi-national exploration of stakeholdersâ€™ views on the arguments for biodiversity conservation. Biodiversity and Conservation, 2018, 27, 1741-1762.	2.6	29
61	Enriching the Shared Socioeconomic Pathways to co-create consistent multi-sector scenarios for the UK. Science of the Total Environment, 2021, 756, 143172.	8.0	29
62	Modelling the effects of cross-sectoral water allocation schemes in Europe. Climatic Change, 2015, 128, 229-244.	3.6	28
63	Synthesizing plausible futures for biodiversity and ecosystem services in Europe and Central Asia using scenario archetypes. Ecology and Society, 2019, 24, .	2.3	27
64	The impact of future socio-economic and climate changes on agricultural land use and the wider environment in East Anglia and North West England using a metamodel system. Climatic Change, 2008, 90, 57-88.	3.6	26
65	Impacts of socio-economic and climate change scenarios on wetlands: linking water resource and biodiversity meta-models. Climatic Change, 2008, 90, 113-139.	3.6	25
66	Bridging uncertainty concepts across narratives and simulations in environmental scenarios. Regional Environmental Change, 2019, 19, 655-666.	2.9	25
67	Ecosystem services and biodiversity conservation: an introduction to the RUBICODE project. Biodiversity and Conservation, 2010, 19, 2767-2772.	2.6	23
68	Exploring scenario and model uncertainty in cross-sectoral integrated assessment approaches to climate change impacts. Climatic Change, 2015, 132, 417-432.	3.6	23
69	Concepts and Methods in Ecosystem Services Valuation. , 2016, , 99-111.		23
70	Modelling regional cropping patterns under scenarios of climate and socio-economic change in Hungary. Science of the Total Environment, 2018, 622-623, 1611-1620.	8.0	19
71	Modelling climate change impacts on the distribution of breeding birds in Britain and Ireland. Journal for Nature Conservation, 2003, 11, 31-42.	1.8	18
72	Screening for specific learning difficulties (SpLD): The impact upon the progression of pre-registration nursing students. Nurse Education Today, 2012, 32, 96-100.	3.3	18

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73	Integrated modelling of urban spatial development under uncertain climate futures: A case study in Hungary. Environmental Modelling and Software, 2017, 96, 251-264.	4.5	17
74	Integrated assessment of the food-water-land-ecosystems nexus in Europe: Implications for sustainability. Science of the Total Environment, 2021, 768, 144461.	8.0	17
75	Identifying robust response options to manage environmental change using an Ecosystem Approach: A stress-testing case study for the UK XXX. Environmental Science and Policy, 2015, 52, 74-88.	4.9	16
76	Caught Between Personal and Collective Values: Biodiversity conservation in European decisionâ€making. Environmental Policy and Governance, 2017, 27, 588-604.	3.7	16
77	New EU-scale environmental scenarios until 2050 â€“ Scenario process and initial scenario applications. Ecosystem Services, 2018, 29, 542-551.	5.4	16
78	Combining policy analyses, exploratory scenarios, and integrated modelling to assess land use policy options. Environmental Science and Policy, 2019, 94, 202-210.	4.9	14
79	Future projections of biodiversity and ecosystem services in Europe with two integrated assessment models. Regional Environmental Change, 2020, 20, 1.	2.9	14
80	Maximising the value of research on ecosystem services: Knowledge integration and guidance tools mediating the science, policy and practice interfaces. Ecosystem Services, 2018, 29, 599-607.	5.4	13
81	Trade-offs are unavoidable in multi-objective adaptation even in a post-Paris Agreement world. Science of the Total Environment, 2019, 696, 134027.	8.0	13
82	Editorial: Operationalisation of natural capital and ecosystem services â€“ Special issue. Ecosystem Services, 2018, 29, 411-414.	5.4	11
83	Understanding high-end climate change: from impacts to co-creating integrated and transformative solutions. Regional Environmental Change, 2019, 19, 621-627.	2.9	11
84	Making a better case for biodiversity conservation: the BESAFE project. Biodiversity and Conservation, 2018, 27, 1549-1560.	2.6	9
85	Offshore renewable energy and nature conservation: the case of marine tidal turbines in Northern Ireland. Biodiversity and Conservation, 2018, 27, 1619-1638.	2.6	9
86	Archetyping shared socioeconomic pathways across scales: an application to central Asia and European case studies. Ecology and Society, 2019, 24, .	2.3	8
87	Population and age structure in Hungary: a residential preference and age dependency approach to disaggregate census data. Journal of Maps, 2016, 12, 560-569.	2.0	7
88	Arguments for biodiversity conservation: factors influencing their observed effectiveness in European case studies. Biodiversity and Conservation, 2018, 27, 1763-1788.	2.6	5
89	Modelling natural resource responses to climate change (the MONARCH project): an introduction. Journal for Nature Conservation, 2003, 11, 3-4.	1.8	4
90	Cross-sectoral and trans-national interactions in national-scale climate change impacts assessmentâ€”the case of the Czech Republic. Regional Environmental Change, 2019, 19, 2453-2464.	2.9	4

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91	New EU-Level Scenarios on the Future of Ecosystem Services. , 2019, , 135-140.		2
92	reply Climate variability and crop yields in Europe. Nature, 1999, 400, 724-724.	27.8	1
93	Response from Luck and colleagues. BioScience, 2009, 59, 461-462.	4.9	1
94	Climate Governance and High-End Futures in Europe. Palgrave Studies in Environmental Transformation, Transition and Accountability, 2020, , 285-314.	2.0	1
95	Cross-sectoral Climate Change Impacts in Europe. Lectures in Climate Change, 2021, , 436-458.	0.0	0