

Rob Alkemade

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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.

85
papers

11,917
citations

42
h-index

88
g-index

88
ext. papers

13,926
ext. citations

7.8
avg, IF

6.18
L-index

#	Paper	IF	Citations
85	Challenges in integrating the concept of ecosystem services and values in landscape planning, management and decision making. <i>Ecological Complexity</i> , 2010 , 7, 260-272	2.6	2065
84	Global assessment of nitrogen deposition effects on terrestrial plant diversity: a synthesis 2010 , 20, 30-59		1624
83	Scenarios for global biodiversity in the 21st century. <i>Science</i> , 2010 , 330, 1496-501	33.3	1259
82	A mid-term analysis of progress toward international biodiversity targets. <i>Science</i> , 2014 , 346, 241-4	33.3	774
81	The impacts of roads and other infrastructure on mammal and bird populations: A meta-analysis. <i>Biological Conservation</i> , 2010 , 143, 1307-1316	6.2	540
80	A blueprint for mapping and modelling ecosystem services. <i>Ecosystem Services</i> , 2013 , 4, 4-14	6.1	459
79	Synergies and trade-offs between ecosystem service supply, biodiversity, and habitat conservation status in Europe. <i>Biological Conservation</i> , 2012 , 155, 1-12	6.2	377
78	GLOBIO3: A Framework to Investigate Options for Reducing Global Terrestrial Biodiversity Loss. <i>Ecosystems</i> , 2009 , 12, 374-390	3.9	345
77	Framework for systematic indicator selection to assess effects of land management on ecosystem services. <i>Ecological Indicators</i> , 2012 , 21, 110-122	5.8	312
76	Impacts of land-use change on biodiversity: An assessment of agricultural biodiversity in the European Union. <i>Agriculture, Ecosystems and Environment</i> , 2006 , 114, 86-102	5.7	246
75	The impact of hunting on tropical mammal and bird populations. <i>Science</i> , 2017 , 356, 180-183	33.3	229
74	Challenges and opportunities in mapping land use intensity globally. <i>Current Opinion in Environmental Sustainability</i> , 2013 , 5, 484-493	7.2	223
73	Land use impacts on biodiversity in LCA: a global approach. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 1216-1230	4.6	212
72	Ecological traits affect the response of tropical forest bird species to land-use intensity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20122131	4.4	191
71	Exploring the biophysical option space for feeding the world without deforestation. <i>Nature Communications</i> , 2016 , 7, 11382	17.4	169
70	Approaches to defining a planetary boundary for biodiversity. <i>Global Environmental Change</i> , 2014 , 28, 289-297	10.1	157
69	Bending the curve of terrestrial biodiversity needs an integrated strategy. <i>Nature</i> , 2020 , 585, 551-556	50.4	149

68	Assessing the impacts of livestock production on biodiversity in rangeland ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20900-5	11.5	138
67	Projecting Global Biodiversity Indicators under Future Development Scenarios. <i>Conservation Letters</i> , 2016 , 9, 5-13	6.9	128
66	Land use biodiversity impacts embodied in international food trade. <i>Global Environmental Change</i> , 2016 , 38, 195-204	10.1	118
65	Pathways to achieve a set of ambitious global sustainability objectives by 2050: Explorations using the IMAGE integrated assessment model. <i>Technological Forecasting and Social Change</i> , 2015 , 98, 303-323	9.5	104
64	Quantifying the effect of catchment land use and water nutrient concentrations on freshwater river and stream biodiversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009 , 19, 104-112	2.6	97
63	International wood trade and forest change: A global analysis. <i>Global Environmental Change</i> , 2011 , 21, 947-956	10.1	96
62	Future hotspots of terrestrial mammal loss. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2693-702	5.8	94
61	Interregional flows of ecosystem services: Concepts, typology and four cases. <i>Ecosystem Services</i> , 2018 , 31, 231-241	6.1	91
60	Multiscale scenarios for nature futures. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1416-1419	12.3	90
59	Projecting land-use change and its consequences for biodiversity in northern Thailand. <i>Environmental Management</i> , 2010 , 45, 626-39	3.1	83
58	Impacts of nitrogen addition on plant species richness and abundance: A global meta-analysis. <i>Global Ecology and Biogeography</i> , 2019 , 28, 398-413	6.1	75
57	Mapping and modelling trade-offs and synergies between grazing intensity and ecosystem services in rangelands using global-scale datasets and models. <i>Global Environmental Change</i> , 2014 , 29, 223-234	10.1	72
56	Scenarios of biodiversity loss in southern Africa in the 21st century. <i>Global Environmental Change</i> , 2008 , 18, 296-309	10.1	71
55	GLOBIO-Aquatic, a global model of human impact on the biodiversity of inland aquatic ecosystems. <i>Environmental Science and Policy</i> , 2015 , 48, 99-114	6.2	62
54	Combining biodiversity modeling with political and economic development scenarios for 25 EU countries. <i>Ecological Economics</i> , 2007 , 62, 267-276	5.6	57
53	Assessing the impacts of climate change on biodiversity: is below 2 °C enough?. <i>Climatic Change</i> , 2019 , 154, 351-365	4.5	56
52	Trade-off analysis of ecosystem services in Eastern Europe. <i>Ecosystem Services</i> , 2013 , 4, 82-94	6.1	53
51	Pathways for agriculture and forestry to contribute to terrestrial biodiversity conservation: A global scenario-study. <i>Biological Conservation</i> , 2018 , 221, 137-150	6.2	49

50	A framework to identify enabling and urgent actions for the 2020 Aichi Targets. <i>Basic and Applied Ecology</i> , 2014 , 15, 633-638	3.2	47
49	Developing a methodology for a species-based and spatially explicit indicator for biodiversity on agricultural land in the EU. <i>Ecological Indicators</i> , 2014 , 37, 186-198	5.8	46
48	Mapping co-benefits for carbon storage and biodiversity to inform conservation policy and action. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20190128	5.8	45
47	Trading Land: A Review of Approaches to Accounting for Upstream Land Requirements of Traded Products. <i>Journal of Industrial Ecology</i> , 2015 , 19, 703-714	7.2	44
46	Projecting terrestrial biodiversity intactness with GLOBIO 4. <i>Global Change Biology</i> , 2020 , 26, 760-771	11.4	42
45	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios. <i>Geoscientific Model Development</i> , 2018 , 11, 4537-4562	6.3	42
44	Consequences of Uncertainty in Global-Scale Land Cover Maps for Mapping Ecosystem Functions: An Analysis of Pollination Efficiency. <i>Remote Sensing</i> , 2011 , 3, 2057-2075	5	40
43	Mapping ecosystem functions and services in Eastern Europe using global-scale data sets. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2012 , 8, 156-168		39
42	Impacts of different climate stabilisation scenarios on plant species in Europe. <i>Global Environmental Change</i> , 2006 , 16, 19-28	10.1	39
41	Developing multiscale and integrative nature-people scenarios using the Nature Futures Framework. <i>People and Nature</i> , 2020 , 2, 1172-1195	5.9	36
40	Interacting Regional-Scale Regime Shifts for Biodiversity and Ecosystem Services. <i>BioScience</i> , 2014 , 64, 665-679	5.7	32
39	Stimulation of decomposition of <i>Spartina anglica</i> leaves by the bacterivorous marine nematode <i>Diplolaimelloides brucei</i> (Monhysteridae). <i>Journal of Experimental Marine Biology and Ecology</i> , 1992 , 159, 267-278	2.1	32
38	Effects of different management regimes on mangrove ecosystem services in Java, Indonesia. <i>Ocean and Coastal Management</i> , 2015 , 116, 353-367	3.9	31
37	Integrating Biodiversity and Ecosystem Services in the Post-2015 Development Agenda: Goal Structure, Target Areas and Means of Implementation. <i>Sustainability</i> , 2014 , 6, 193-216	3.6	29
36	Guidance for assessing interregional ecosystem service flows. <i>Ecological Indicators</i> , 2019 , 105, 92-106	5.8	27
35	Quantifying interregional flows of multiple ecosystem services – A case study for Germany. <i>Global Environmental Change</i> , 2020 , 61, 102051	10.1	27
34	Towards a general relationship between climate change and biodiversity: an example for plant species in Europe. <i>Regional Environmental Change</i> , 2011 , 11, 143-150	4.3	25
33	Linking national wood consumption with global biodiversity and ecosystem service losses. <i>Science of the Total Environment</i> , 2017 , 586, 985-994	10.2	23

32	Effects of different management regimes on soil erosion and surface runoff in semi-arid to sub-humid rangelands. <i>Journal of Arid Environments</i> , 2015 , 121, 100-111	2.5	23
31	Functional traits, land-use change and the structure of present and future bird communities in tropical forests. <i>Global Ecology and Biogeography</i> , 2014 , 23, 1073-1084	6.1	22
30	Overcoming water challenges through nature-based solutions. <i>Water Policy</i> , 2017 , 19, 820-836	1.6	21
29	The impact of river regulation on the biodiversity intactness of floodplain wetlands. <i>Wetlands Ecology and Management</i> , 2014 , 22, 647-658	2.1	19
28	Land management implications for ecosystem services in a South African rangeland. <i>Ecological Indicators</i> , 2014 , 45, 692-703	5.8	19
27	Determining sectoral and regional sensitivity to climate and socio-economic change in Europe using impact response surfaces. <i>Regional Environmental Change</i> , 2019 , 19, 679-693	4.3	12
26	Path analyses of the influence of substrate composition on nematode numbers and on decomposition of stranded seaweed at an Antarctic coast. <i>Journal of Sea Research</i> , 1993 , 31, 63-70		12
25	Dispersal based climate change sensitivity scores for European species. <i>Ecological Indicators</i> , 2016 , 71, 41-46	5.8	11
24	New EU-scale environmental scenarios until 2050 [Scenario process and initial scenario applications. <i>Ecosystem Services</i> , 2018 , 29, 542-551	6.1	11
23	Evaluating the impacts of wood production and trade on bird extinction risks. <i>Ecological Indicators</i> , 2016 , 71, 368-376	5.8	11
22	Community structure and functional roles of meiofauna in the North Sea. <i>Netherlands Journal of Aquatic Ecology</i> , 1992 , 26, 31-41		10
21	Challenges in producing policy-relevant global scenarios of biodiversity and ecosystem services. <i>Global Ecology and Conservation</i> , 2020 , 22, e00886	2.8	10
20	Differentiating the effects of climate and land use change on European biodiversity: A scenario analysis. <i>Ambio</i> , 2017 , 46, 277-290	6.5	9
19	Global agricultural trade and land system sustainability: Implications for ecosystem carbon storage, biodiversity, and human nutrition. <i>One Earth</i> , 2021 ,	8.1	7
18	Combining policy analyses, exploratory scenarios, and integrated modelling to assess land use policy options. <i>Environmental Science and Policy</i> , 2019 , 94, 202-210	6.2	6
17	Potential biodiversity change in Central Asian grasslands: scenarios for the impact of climate and land-use change. <i>Regional Environmental Change</i> , 2020 , 20, 1	4.3	6
16	Opportunity Cost Estimation of Ecosystem Services. <i>Environmental and Resource Economics</i> , 2017 , 66, 717-747	4.4	5
15	Future projections of biodiversity and ecosystem services in Europe with two integrated assessment models. <i>Regional Environmental Change</i> , 2020 , 20, 1	4.3	5

14	Relative effects of land conversion and land-use intensity on terrestrial vertebrate diversity.. <i>Nature Communications</i> , 2022 , 13, 615	17.4	4
13	Assessing land-based mitigation implications for biodiversity. <i>Environmental Science and Policy</i> , 2020 , 106, 68-76	6.2	3
12	Global trends in biodiversity and ecosystem services from 1900 to 2050		3
11	Increasing capacity to produce scenarios and models for biodiversity and ecosystem services. <i>Biota Neotropica</i> , 2020 , 20,	1.3	1
10	Modeling Land Use and Biodiversity in Northern Thailand199-218		1
9	Biodiversity post-2020: Closing the gap between global targets and national-level implementation. <i>Conservation Letters</i> ,e12848	6.9	1
8	Applying GLOBIO at Different Geographical Levels150-170		1
7	Assessing ambitious nature conservation strategies within a 2 degree warmer and food-secure world		1
6	A protocol for an intercomparison of biodiversity and ecosystem services models using harmonized land-use and climate scenarios		1
5	Exploring interaction effects from mechanisms between climate and land-use changes and the projected consequences on biodiversity. <i>Biodiversity and Conservation</i> , 2021 , 30, 3685	3.4	0
4	Global biodiversity assessments need to consider mixed multifunctional land-use systems. <i>Current Opinion in Environmental Sustainability</i> , 2022 , 56, 101174	7.2	0
3	Linkage between Biodiversity, Land Use Informatics and Climate Change1-22		
2	Response to commentary Towards more meaningful scenarios of biodiversity responses to land-use change in Central Asia. <i>Regional Environmental Change</i>, 2020, 20, 1	4.3	
1	Biological diversity and climate change 2021 , 541-559		