

Alan Stephen Polasky

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9543221/publications.pdf>

Version: 2024-02-01

107
papers

23,156
citations

30070

54
h-index

31849

101
g-index

111
all docs

111
docs citations

111
times ranked

24043
citing authors

#	ARTICLE	IF	CITATIONS
1	Governance in the Face of Extreme Events: Lessons from Evolutionary Processes for Structuring Interventions, and the Need to Go Beyond. <i>Ecosystems</i> , 2022, 25, 697-711.	3.4	18
2	Conservation needs to integrate knowledge across scales. <i>Nature Ecology and Evolution</i> , 2022, 6, 118-119.	7.8	40
3	The hidden value of trees: Quantifying the ecosystem services of tree lineages and their major threats across the contiguous US. , 2022, 1, e0000010.		14
4	Earth stewardship: Shaping a sustainable future through interacting policy and norm shifts. <i>Ambio</i> , 2022, 51, 1907-1920.	5.5	23
5	The Great Intergenerational Robbery: A Call for Concerted Action Against Environmental Crises. <i>Annual Review of Environment and Resources</i> , 2022, 47, 1-4.	13.4	2
6	An Introduction to the Economics of Natural Capital. <i>Review of Environmental Economics and Policy</i> , 2021, 15, 87-94.	7.0	14
7	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021, 50, 834-869.	5.5	275
8	Biodiversity conservation as a promising frontier for behavioural science. <i>Nature Human Behaviour</i> , 2021, 5, 550-556.	12.0	54
9	Discounting and Global Environmental Change. <i>Annual Review of Environment and Resources</i> , 2021, 46, 691-717.	13.4	9
10	Protecting local water quality has global benefits. <i>Nature Communications</i> , 2021, 12, 2709.	12.8	61
11	Air qualityâ€related health damages of food. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	70
12	Making more effective use of human behavioural science in conservation interventions. <i>Biological Conservation</i> , 2021, 261, 109256.	4.1	40
13	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021, 374, 544-544.	12.6	45
14	Towards ecosystem accounts for Rwanda: Tracking 25 years of change in flows and potential supply of ecosystem services. <i>People and Nature</i> , 2020, 2, 163-188.	3.7	25
15	Reducing Mortality from Air Pollution in the United States by Targeting Specific Emission Sources. <i>Environmental Science and Technology Letters</i> , 2020, 7, 639-645.	8.7	64
16	Corridors of Clarity: Four Principles to Overcome Uncertainty Paralysis in the Anthropocene. <i>BioScience</i> , 2020, 70, 1139-1144.	4.9	14
17	Global trends in natureâ€™s contributions to people. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32799-32805.	7.1	103
18	Using gross ecosystem product (GEP) to value nature in decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14593-14601.	7.1	234

#	ARTICLE	IF	CITATIONS
19	Social dimensions of fertility behavior and consumption patterns in the Anthropocene. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6300-6307.	7.1	33
20	Rural Household Livelihood and Tree Plantation Dependence in the Central Mountainous Region of Hainan Island, China: Implications for Poverty Alleviation. Forests, 2020, 11, 248.	2.1	16
21	Expanding the Soy Moratorium to Brazil's Cerrado. Science Advances, 2019, 5, eaav7336.	10.3	102
22	Global modeling of nature's contributions to people. Science, 2019, 366, 255-258.	12.6	279
23	Solve the biodiversity crisis with funding. Science, 2019, 365, 1256-1256.	12.6	16
24	Unintended habitat loss on private land from grazing restrictions on public rangelands. Journal of Applied Ecology, 2019, 56, 52-62.	4.0	12
25	Role of economics in analyzing the environment and sustainable development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5233-5238.	7.1	128
26	Inequity in consumption of goods and services adds to racial/ethnic disparities in air pollution exposure. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6001-6006.	7.1	349
27	Air-quality-related health damages of maize. Nature Sustainability, 2019, 2, 397-403.	23.7	73
28	Reply to Comment by Switzer and Teodoro on "U.S. Urban Water Prices: Cheaper When Drier". Water Resources Research, 2019, 55, 7436-7438.	4.2	0
29	A more dynamic understanding of human behaviour for the Anthropocene. Nature Sustainability, 2019, 2, 1075-1082.	23.7	112
30	Pervasive human-driven decline of life on Earth points to the need for transformative change. Science, 2019, 366, .	12.6	1,213
31	Five financial incentives to revive the Gulf of Mexico dead zone and Mississippi basin soils. Journal of Environmental Management, 2019, 233, 30-38.	7.8	5
32	Policy design for the Anthropocene. Nature Sustainability, 2019, 2, 14-21.	23.7	176
33	Scaling Pathways for Inclusive Green Growth. , 2019, , 17-27.		0
34	Nudging pro-environmental behavior: evidence and opportunities. Frontiers in Ecology and the Environment, 2018, 16, 159-168.	4.0	223
35	Assessing nature's contributions to people. Science, 2018, 359, 270-272.	12.6	1,661
36	Grassland biodiversity can pay. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3876-3881.	7.1	38

#	ARTICLE	IF	CITATIONS
37	Benefit relevant indicators: Ecosystem services measures that link ecological and social outcomes. Ecological Indicators, 2018, 85, 1262-1272.	6.3	165
38	Partnerships to prevent deforestation in the Amazon. Journal of Environmental Economics and Management, 2018, 92, 498-516.	4.7	19
39	An auction mechanism for the optimal provision of ecosystem services under climate change. Journal of Environmental Economics and Management, 2018, 92, 20-34.	4.7	20
40	An attainable global vision for conservation and human well-being. Frontiers in Ecology and the Environment, 2018, 16, 563-570.	4.0	71
41	Reconciling corruption with conservation triage: Should investments shift from the last best places?. PLoS Biology, 2018, 16, e2005620.	5.6	5
42	U.S. Urban Water Prices: Cheaper When Drier. Water Resources Research, 2018, 54, 6126-6132.	4.2	14
43	Strengthening protected areas for biodiversity and ecosystem services in China. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1601-1606.	7.1	461
44	Reply to Yang et al.: Coastal wetlands are not well represented by protected areas for endangered birds. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5493-E5493.	7.1	1
45	Reply to Bridgewater and Babin: Need for a new protected area category for ecosystem services. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4319-E4320.	7.1	4
46	Future threats to biodiversity and pathways to their prevention. Nature, 2017, 546, 73-81.	27.8	736
47	Range contraction enables harvesting to extinction. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3945-3950.	7.1	53
48	Natural climate solutions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11645-11650.	7.1	1,709
49	So you want your research to be relevant? Building the bridge between ecosystem services research and practice. Ecosystem Services, 2017, 26, 170-182.	5.4	93
50	Spatially-Correlated Risk in Nature Reserve Site Selection. PLoS ONE, 2016, 11, e0146023.	2.5	15
51	Reducing human nitrogen use for food production. Scientific Reports, 2016, 6, 30104.	3.3	46
52	Social norms as solutions. Science, 2016, 354, 42-43.	12.6	476
53	Quantifying flood mitigation services: The economic value of Otter Creek wetlands and floodplains to Middlebury, VT. Ecological Economics, 2016, 130, 16-24.	5.7	89
54	The social costs of nitrogen. Science Advances, 2016, 2, e1600219.	10.3	118

#	ARTICLE	IF	CITATIONS
55	Bigger is better: Improved nature conservation and economic returns from landscape-level mitigation. Science Advances, 2016, 2, e1501021.	10.3	49
56	Improvements in ecosystem services from investments in natural capital. Science, 2016, 352, 1455-1459.	12.6	1,117
57	Commercial Plant Production and Consumption Still Follow the Latitudinal Gradient in Species Diversity despite Economic Globalization. PLoS ONE, 2016, 11, e0163002.	2.5	6
58	Ecosystem service information to benefit sustainability standards for commodity supply chains. Annals of the New York Academy of Sciences, 2015, 1355, 77-97.	3.8	21
59	Trade-offs in ecosystem services and varying stakeholder preferences: evaluating conflicts, obstacles, and opportunities. Ecology and Society, 2015, 20, .	2.3	114
60	Inclusive Wealth as a Metric of Sustainable Development. Annual Review of Environment and Resources, 2015, 40, 445-466.	13.4	80
61	Recreational demand for clean water: evidence from geotagged photographs by visitors to lakes. Frontiers in Ecology and the Environment, 2015, 13, 76-81.	4.0	211
62	Impacts of conservation and human development policy across stakeholders and scales. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7396-7401.	7.1	100
63	Setting the bar: Standards for ecosystem services. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7356-7361.	7.1	124
64	Natural capital and ecosystem services informing decisions: From promise to practice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7348-7355.	7.1	717
65	Reply to Phelps et al: Liability rules provide incentives to protect natural capital. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5380-E5380.	7.1	2
66	Notes from the field: Lessons learned from using ecosystem service approaches to inform real-world decisions. Ecological Economics, 2015, 115, 11-21.	5.7	433
67	Projected land-use change impacts on ecosystem services in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7492-7497.	7.1	557
68	Land-use change and costs to rural households: a case study in groundwater nitrate contamination. Environmental Research Letters, 2014, 9, 074002.	5.2	38
69	Does aquaculture add resilience to the global food system?. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13257-13263.	7.1	468
70	Global agriculture and carbon trade-offs. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12342-12347.	7.1	154
71	Implementing the optimal provision of ecosystem services. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6248-6253.	7.1	119
72	Climate engineering reconsidered. Nature Climate Change, 2014, 4, 527-529.	18.8	63

#	ARTICLE	IF	CITATIONS
73	The optimal management of renewable resources under the risk of potential regime shift. <i>Journal of Economic Dynamics and Control</i> , 2014, 40, 195-212.	1.6	28
74	Getting the measure of ecosystem services: a social-ecological approach. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 268-273.	4.0	330
75	Benefits, costs, and livelihood implications of a regional payment for ecosystem service program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16681-16686.	7.1	188
76	The Effects of Well Management and the Nature of the Aquifer on Groundwater Resources. <i>American Journal of Agricultural Economics</i> , 2013, 95, 94-116.	4.3	14
77	Modeling benefits from nature: using ecosystem services to inform coastal and marine spatial planning. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2012, 8, 107-121.	2.9	217
78	Integrating ecosystem-service tradeoffs into land-use decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7565-7570.	7.1	571
79	Response-“Ecosystem Services: Free Lunch No More. <i>Science</i> , 2012, 335, 656-657.	12.6	11
80	Maximising return on conservation investment in the conterminous USA. <i>Ecology Letters</i> , 2012, 15, 1249-1256.	6.4	71
81	An index to assess the health and benefits of the global ocean. <i>Nature</i> , 2012, 488, 615-620.	27.8	736
82	A Global System for Monitoring Ecosystem Service Change. <i>BioScience</i> , 2012, 62, 977-986.	4.9	142
83	Linking water quality and well-being for improved assessment and valuation of ecosystem services. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18619-18624.	7.1	371
84	General Resilience to Cope with Extreme Events. <i>Sustainability</i> , 2012, 4, 3248-3259.	3.2	268
85	The efficiency of voluntary incentive policies for preventing biodiversity loss. <i>Resources and Energy Economics</i> , 2011, 33, 192-211.	2.5	113
86	Decision-making under great uncertainty: environmental management in an era of global change. <i>Trends in Ecology and Evolution</i> , 2011, 26, 398-404.	8.7	446
87	The Impact of Land-Use Change on Ecosystem Services, Biodiversity and Returns to Landowners: A Case Study in the State of Minnesota. <i>Environmental and Resource Economics</i> , 2011, 48, 219-242.	3.2	537
88	Conservation and Human Welfare: Economic Analysis of Ecosystem Services. <i>Environmental and Resource Economics</i> , 2011, 48, 151-159.	3.2	27
89	A tale of three villages: choosing an effective method for assessing poaching levels in western Serengeti, Tanzania. <i>Oryx</i> , 2010, 44, 178-184.	1.0	56
90	Optimal control of an invasive species with imperfect information about the level of infestation. <i>Resources and Energy Economics</i> , 2010, 32, 519-533.	2.5	50

#	ARTICLE	IF	CITATIONS
91	Conservation economics: economic analysis of biodiversity conservation and ecosystem services. Environmental Economics and Policy Studies, 2009, 10, 1-20.	2.0	13
92	Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. Frontiers in Ecology and the Environment, 2009, 7, 4-11.	4.0	1,809
93	The value of views and open space: Estimates from a hedonic pricing model for Ramsey County, Minnesota, USA. Land Use Policy, 2009, 26, 837-845.	5.6	185
94	Ecosystem services in decision making: time to deliver. Frontiers in Ecology and the Environment, 2009, 7, 21-28.	4.0	1,490
95	Nonlinearity in ecosystem services: temporal and spatial variability in coastal protection. Frontiers in Ecology and the Environment, 2009, 7, 29-37.	4.0	622
96	Why conservation planning needs socioeconomic data. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6505-6506.	7.1	81
97	Comments on "Key issues for attention from ecological economists" by Paul Ehrlich. Environment and Development Economics, 2008, 13, 25-28.	1.5	0
98	Cooperation in the commons. Economic Theory, 2006, 29, 71-88.	0.9	29
99	You can't always get what you want: Conservation planning with feedback effects. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5245-5246.	7.1	19
100	Evidence on the Amenity Value of Wetlands in a Rural Setting. Journal of Agricultural & Applied Economics, 2005, 37, 589-602.	1.4	31
101	CONSERVING SPECIES IN A WORKING LANDSCAPE: LAND USE WITH BIOLOGICAL AND ECONOMIC OBJECTIVES. , 2005, 15, 1387-1401.		255
102	Valuing urban wetlands: A review of non-market valuation studies. Wetlands, 2004, 24, 744-755.	1.5	197
103	WEIGHING CONSERVATION OBJECTIVES: MAXIMUM EXPECTED COVERAGE VERSUS ENDANGERED SPECIES PROTECTION. , 2004, 14, 1936-1945.		51
104	Advertising with Subjective Horizontal and Vertical Product Differentiation. Review of Industrial Organization, 2002, 20, 253-265.	0.7	46
105	Title is missing!. Environmental Modeling and Assessment, 2002, 7, 81-89.	2.2	38
106	The value of information in reserve site selection. Biodiversity and Conservation, 2001, 10, 1051-1058.	2.6	52
107	Renewable resource management with environmental prediction. Canadian Journal of Economics, 2001, 34, 196-211.	1.2	47