Gretchen C Daily

List of Publications by Year in Descending Order

104 papers	19,725 citations	56 h-index	110 g-index
110 ext. papers	23,536 ext. citations	11.8 avg, IF	6.63 L-index

#	Paper	IF	Citations
104	Deep Learning Segmentation of Satellite Imagery Identifies Aquatic Vegetation Associated with Snail Intermediate Hosts of Schistosomiasis in Senegal, Africa. *Remote Sensing*, **2022**, 14, 1345	5	2
103	Biodiversity and infrastructure interact to drive tourism to and within Costa Rica.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2107662119	11.5	3
102	WTO must ban harmful fisheries subsidies. *Science*, **2021**, 374, 544	33.3	11
101	Affective Benefits of Nature Contact: The Role of Rumination. *Frontiers in Psychology*, **2021**, 12, 643866	3.4	8
100	Our future in the Anthropocene biosphere. *Ambio*, **2021**, 50, 834-869	6.5	78
99	An ecosystem service perspective on urban nature, physical activity, and health. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	34
98	Mapping the benefits of nature in cities with the InVEST software. *Npj Urban Sustainability*, **2021**, 1,		12
97	Blending Ecosystem Service and Resilience Perspectives in Planning of Natural Infrastructure: Lessons from the San Francisco Bay Area. *Frontiers in Environmental Science*, **2021**, 9,	4.8	2
96	Eco-environmental impacts of dams in the Yangtze River Basin, China. *Science of the Total Environment*, **2021**, 774, 145743	10.2	10
95	Maintaining the Many Societal Benefits of Rangelands: The Case of Hawai?i. *Land*, **2021**, 10, 764	3.5	2
94	Increasing decision relevance of ecosystem service science. *Nature Sustainability*, **2021**, 4, 161-169	22.1	27
93	An Introduction to the Economics of Natural Capital. *Review of Environmental Economics and Policy*, **2021**, 15, 87-94	6	4
92	Time and space catch up with restoration programs that ignore ecosystem service trade-offs. *Science Advances*, **2021**, 7,	14.3	17
91	Strategic basin and delta planning increases the resilience of the Mekong Delta under future uncertainty. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	6
90	CropPol: a dynamic, open and global database on crop pollination.. *Ecology*, **2021**, e3614	4.6	2
89	The biogeography of ecoregions: Descriptive power across regions and taxa. *Journal of Biogeography*, **2020**, 47, 1413-1426	4.1	6
88	Donald Kennedy (1931–2020). *Science*, **2020**, 368, 1062-1062	33.3	

87	Using gross ecosystem product (GEP) to value nature in decision making. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 14593-14601	11.5	74
86	Intensive farming drives long-term shifts in avian community composition. *Nature*, **2020**, 579, 393-396	50.4	41
85	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	11.5	17
84	Everyday Biodiversity **2020**, 51-58		
83	Land-use change has host-specific influences on avian gut microbiomes. *ISME Journal*, **2020**, 14, 318-321	11.9	20
82	Long-term declines in bird populations in tropical agricultural countryside. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9903-9912	11.5	39
81	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	11.5	72
80	Realizing the values of natural capital for inclusive, sustainable development: Informing China's new ecological development strategy. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 8623-8628	11.5	67
79	Nature and mental health: An ecosystem service perspective. *Science Advances*, **2019**, 5, eaax0903	14.3	391
78	Global modeling of nature's contributions to people. *Science*, **2019**, 366, 255-258	33.3	137
77	Scaling Pathways for Inclusive Green Growth **2019**, 17-27		
76	Four priorities for new links between conservation science and accounting research. *Conservation Biology*, **2019**, 33, 972-975	6	8
75	Predicting effects of large-scale reforestation on native and exotic birds. *Diversity and Distributions*, **2018**, 24, 811-819	5	6
74	Does Poverty Matter in Payment for Ecosystem Services Program? Participation in the New Stage Sloping Land Conversion Program. *Sustainability*, **2018**, 10, 1888	3.6	12
73	A global test of ecoregions. *Nature Ecology and Evolution*, **2018**, 2, 1889-1896	12.3	40
72	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	11.5	283
71	Disease ecology, health and the environment: a framework to account for ecological and socio-economic drivers in the control of neglected tropical diseases. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 372,	5.8	55
70	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	11.5	1

69	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	11.5	3
68	When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models. *BioScience*, **2017**, 67, 820-833	5.7	83
67	Sustainable intensification of agriculture for human prosperity and global sustainability. *Ambio*, **2017**, 46, 4-17	6.5	424
66	Climate change and habitat conversion favour the same species. *Ecology Letters*, **2016**, 19, 1081-90	10	85
65	Quantifying and sustaining biodiversity in tropical agricultural landscapes. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 14544-14551	11.5	57
64	Improvements in ecosystem services from investments in natural capital. *Science*, **2016**, 352, 1455-9	33.3	686
63	Anthropogenic impacts on Costa Rican bat parasitism are sex specific. *Ecology and Evolution*, **2016**, 6, 4898-909	2.8	12
62	Using ecosystem service trade-offs to inform water conservation policies and management practices. *Frontiers in Ecology and the Environment*, **2016**, 14, 527-532	5.5	101
61	Social norms as solutions. *Science*, **2016**, 354, 42-43	33.3	314
60	Pollen Carried by Native and Nonnative Bees in the Large-Scale Reforestation of Pastureland in Hawai Implications for Pollination. *Pacific Science*, **2015**, 69, 67-79	0.9	13
59	Nature's bounties: reliance on pollinators for health. *Lancet, The*, **2015**, 386, 1925-1927	40	1
58	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, 7396-401	11.5	76
57	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, 7348-55	11.5	539
56	Nature experience reduces rumination and subgenual prefrontal cortex activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 8567-72	11.5	354
55	The benefits of nature experience: Improved affect and cognition. *Landscape and Urban Planning*, **2015**, 138, 41-50	7.7	339
54	Reply to Kirchhoff: Homogenous and mutually exclusive conservation typologies are neither possible nor desirable. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E5906	11.5	
53	Tropical countryside riparian corridors provide critical habitat and connectivity for seed-dispersing forest birds in a fragmented landscape. *Journal of Ornithology*, **2015**, 156, 343-353	1.5	21
52	Impacts of Land-Use Change on Groundwater Supply: Ecosystem Services Assessment in Kona, Hawaii. *Journal of Water Resources Planning and Management - ASCE*, **2015**, 141,	2.8	21

51	Confronting and resolving competing values behind conservation objectives. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 11132-7	11.5	29
50	Notes from the field: Lessons learned from using ecosystem service approaches to inform real-world decisions. *Ecological Economics*, **2015**, 115, 11-21	5.6	357
49	A protocol for eliciting nonmaterial values through a cultural ecosystem services frame. *Conservation Biology*, **2015**, 29, 575-86	6	109
48	Thermal niche predicts tolerance to habitat conversion in tropical amphibians and reptiles. *Global Change Biology*, **2015**, 21, 3901-16	11.4	68
47	Predicting biodiversity change and averting collapse in agricultural landscapes. *Nature*, **2014**, 509, 213-7	50.4	223
46	Loss of avian phylogenetic diversity in neotropical agricultural systems. *Science*, **2014**, 345, 1343-6	33.3	152
45	Molecular diagnosis of bird-mediated pest consumption in tropical farmland. *SpringerPlus*, **2014**, 3, 630		8
44	Forest bolsters bird abundance, pest control and coffee yield. *Ecology Letters*, **2013**, 16, 1339-47	10	235
43	Social-ecological systems as complex adaptive systems: modeling and policy implications. *Environment and Development Economics*, **2013**, 18, 111-132	1.8	381
42	Social Norms and Global Environmental Challenges: The Complex Interaction of Behaviors, Values, and Policy. *BioScience*, **2013**, 63, 164-175	5.7	156
41	Benefits, costs, and livelihood implications of a regional payment for ecosystem service program. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 16681-6	11.5	148
40	Forest restoration and parasitoid wasp communities in montane Hawai'i. *PLoS ONE*, **2013**, 8, e59356	3.7	10
39	Potential evapotranspiration from forest and pasture in the tropics: A case study in Kona, Hawai[illegible] *Journal of Hydrology*, **2012**, 440-441, 52-61	6	24
38	Land cover effects on groundwater recharge in the tropics: ecohydrologic mechanisms. *Ecohydrology*, **2012**, 5, 435-444	2.5	28
37	Biodiversity loss and its impact on humanity. *Nature*, **2012**, 486, 59-67	50.4	3613
36	The impacts of nature experience on human cognitive function and mental health. *Annals of the New York Academy of Sciences*, **2012**, 1249, 118-36	6.5	501
35	Integrating ecosystem-service tradeoffs into land-use decisions. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 7565-70	11.5	437
34	Water funds and payments for ecosystem services: practice learns from theory and theory can learn from practice. *Oryx*, **2012**, 46, 55-63	1.5	129

33	Predictive model for sustaining biodiversity in tropical countryside. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 16313-6	11.5	87
32	Forest structure influences on rainfall partitioning and cloud interception: A comparison of native forest sites in Kona, Hawai *Agricultural and Forest Meteorology*, **2010**, 150, 265-275	5.8	59
31	Reply to Sridhar: Agricultural landscapes remain an essential front for biodiversity conservation. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, E35-E35	11.5	78
30	Modeling multiple ecosystem services, biodiversity conservation, commodity production, and tradeoffs at landscape scales. *Frontiers in Ecology and the Environment*, **2009**, 7, 4-11	5.5	1455
29	Ecosystem services in decision making: time to deliver. *Frontiers in Ecology and the Environment*, **2009**, 7, 21-28	5.5	1215
28	Optimal design of agricultural landscapes for pollination services. *Conservation Letters*, **2008**, 1, 27-36	6.9	81
27	Ecosystem services: from theory to implementation. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 9455-6	11.5	506
26	Using return-on-investment to guide restoration: a case study from Hawaii. *Conservation Letters*, **2008**, 1, 236-243	6.9	73
25	Assessing the conservation value of a human-dominated island landscape: Plant diversity in Hawaii. *Biodiversity and Conservation*, **2008**, 17, 1765-1781	3.4	23
24	The Ecosystem Services Framework and Natural Capital Conservation. *Environmental and Resource Economics*, **2008**, 39, 25-35	4.4	303
23	The Nature and Value of Ecosystem Services: An Overview Highlighting Hydrologic Services. *Annual Review of Environment and Resources*, **2007**, 32, 67-98	17.2	793
22	Persistence of forest birds in the Costa Rican agricultural countryside. *Conservation Biology*, **2007**, 21, 482-94	6	186
21	Institutional incentives for managing the landscape: Inducing cooperation for the production of ecosystem services. *Ecological Economics*, **2007**, 64, 333-343	5.6	141
20	Business strategies for conservation on private lands: Koa forestry as a case study. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 10140-5	11.5	36
19	The diversity and conservation of plant reproductive and dispersal functional traits in human-dominated tropical landscapes. *Journal of Ecology*, **2006**, 94, 522-536	6	61
18	COUNTRYSIDE BIOGEOGRAPHY OF NEOTROPICAL HERBACEOUS AND SHRUBBY PLANTS **2005**, 15, 423-439		62
17	Are We Consuming Too Much?. *Journal of Economic Perspectives*, **2004**, 18, 147-172	9.9	463
16	Economic value of tropical forest to coffee production. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 12579-82	11.5	492

15	Ecosystem consequences of bird declines. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 18042-7	11.5	497
14	Countryside Biogeography of Tropical Butterflies. *Conservation Biology*, **2003**, 17, 168-177	6	109
13	Countryside Biogeography of Neotropical Mammals: Conservation Opportunities in Agricultural Landscapes of Costa Rica. *Conservation Biology*, **2003**, 17, 1814-1826	6	259
12	Conservation of tropical forest birds in countryside habitats. *Ecology Letters*, **2002**, 5, 121-129	10	153
11	Distribution of Ground-dwelling Arthropods in Tropical Countryside Habitats. *Journal of Insect Conservation*, **2002**, 6, 83-91	2.1	31
10	Disappearance of insectivorous birds from tropical forest fragments. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 263-7	11.5	392
9	Countryside Biogeography of Moths in a Fragmented Landscape: Biodiversity in Native and Agricultural Habitats. *Conservation Biology*, **2001**, 15, 378-388	6	254
8	COUNTRYSIDE BIOGEOGRAPHY: USE OF HUMAN-DOMINATED HABITATS BY THE AVIFAUNA OF SOUTHERN COSTA RICA **2001**, 11, 1-13		292
7	Seeking the great transition. *Nature*, **2000**, 403, 243-5	50.4	31
6	Conservation of Insect Diversity: a Habitat Approach. *Conservation Biology*, **2000**, 14, 1788-1797	6	72
5	Knowledge of and attitudes toward population growth and the environment: university students in Costa Rica and the United States. *Environmental Conservation*, **1999**, 26, 66-74	3.3	15
4	GLOBAL CHANGE AND HUMAN SUSCEPTIBILITY TO DISEASE. *Annual Review of Environment and Resources*, **1996**, 21, 125-144		43
3	Impacts of development and global change on the epidemiological environment. *Environment and Development Economics*, **1996**, 1, 311-346	1.8	32
2	Natural capital approaches: shifting the UN Decade on Ecosystem Restoration from aspiration to reality. *Restoration Ecology*,	3.1	2
1	Spatial assessment of flow and benefit of tropical cyclone hazard mitigation service. *Progress in Physical Geography*,030913332110376	3.5	0