

Garry D Peterson

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

22,023
citations

18482

62
h-index

31849

101
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122
all docs

122
docs citations

122
times ranked

21227
citing authors

#	ARTICLE	IF	CITATIONS
1	Upscaling the resilience assessment through comparative analysis. <i>Global Environmental Change</i> , 2022, 72, 102419.	7.8	14
2	Advancing research on ecosystem service bundles for comparative assessments and synthesis. <i>Ecosystems and People</i> , 2022, 18, 99-111.	3.2	18
3	Strategy games to improve environmental policymaking. <i>Nature Sustainability</i> , 2022, 5, 464-471.	23.7	14
4	Exploring desirable nature futures for Nationaal Park Hollandse Duinen. <i>Ecosystems and People</i> , 2022, 18, 329-347.	3.2	10
5	Bridging Theories for Ecosystem Stability Through Structural Sensitivity Analysis of Ecological Models in Equilibrium. <i>Acta Biotheoretica</i> , 2022, 70, .	1.5	2
6	Amplifying actions for food system transformation: insights from the Stockholm region. <i>Sustainability Science</i> , 2022, 17, 2379-2395.	4.9	2
7	Advancing a toolkit of diverse futures approaches for global environmental assessments. <i>Ecosystems and People</i> , 2021, 17, 191-204.	3.2	29
8	Land-use intensity mediates ecosystem service tradeoffs across regional social-ecological systems. <i>Ecosystems and People</i> , 2021, 17, 264-278.	3.2	21
9	Patchwork Earth: navigating pathways to just, thriving, and sustainable futures. <i>One Earth</i> , 2021, 4, 172-176.	6.8	29
10	Alternative futures for global biological invasions. <i>Sustainability Science</i> , 2021, 16, 1637-1650.	4.9	25
11	Operationalizing the Nature Futures Framework to catalyze the development of nature-future scenarios. <i>Sustainability Science</i> , 2021, 16, 1773-1775.	4.9	11
12	Engaging with complexity in resilience practice. <i>Ecology and Society</i> , 2021, 26, .	2.3	14
13	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021, 374, 544-544.	12.6	45
14	Seeds of good anthropocenes: developing sustainability scenarios for Northern Europe. <i>Sustainability Science</i> , 2020, 15, 605-617.	4.9	48
15	Local lens for SDG implementation: lessons from bottom-up approaches in Africa. <i>Sustainability Science</i> , 2020, 15, 729-743.	4.9	53
16	Using local initiatives to envision sustainable and resilient food systems in the Stockholm city-region. <i>Global Food Security</i> , 2020, 24, 100334.	8.1	26
17	Developing multiscale and integrative natureâ€‘people scenarios using the Nature Futures Framework. <i>People and Nature</i> , 2020, 2, 1172-1195.	3.7	127
18	Navigating the chaos of an unfolding global cycle. <i>Ecology and Society</i> , 2020, 25, .	2.3	21

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19	Corridors of Clarity: Four Principles to Overcome Uncertainty Paralysis in the Anthropocene. <i>BioScience</i> , 2020, 70, 1139-1144.	4.9	14
20	Principles for knowledge co-production in sustainability research. <i>Nature Sustainability</i> , 2020, 3, 182-190.	23.7	697
21	Migrant remittances can reduce the potential of local forest transitionsâ€™ a social-ecological regime shift analysis. <i>Environmental Research Letters</i> , 2019, 14, 024017.	5.2	11
22	Comment on â€œResilience of Complex Systems: State of the Art and Directions for Future Researchâ€. <i>Complexity</i> , 2019, 2019, 1-4.	1.6	4
23	A novel telecoupling framework to assess social relations across spatial scales for ecosystem services research. <i>Journal of Environmental Management</i> , 2019, 241, 251-263.	7.8	63
24	Integrating supply and demand in ecosystem service bundles characterization across Mediterranean transformed landscapes. <i>Landscape Ecology</i> , 2019, 34, 1619-1633.	4.2	66
25	Past management affects success of current joint forestry management institutions in Tajikistan. <i>Environment, Development and Sustainability</i> , 2019, 21, 2183-2224.	5.0	10
26	Response to Kabisch and Colleagues. <i>BioScience</i> , 2018, 68, 167-168.	4.9	0
27	From resilience thinking to Resilience Planning: Lessons from practice. <i>Journal of Environmental Management</i> , 2018, 217, 906-918.	7.8	85
28	Traps and Sustainable Development in Rural Areas: A Review. <i>World Development</i> , 2018, 101, 311-321.	4.9	125
29	Impact of environment on peopleâ€™s everyday experiences in Stockholm. <i>Landscape and Urban Planning</i> , 2018, 171, 7-17.	7.5	80
30	Seeds of the Future in the Present. , 2018, , 327-350.		19
31	Cascading regime shifts within and across scales. <i>Science</i> , 2018, 362, 1379-1383.	12.6	220
32	Middle-range theories of land system change. <i>Global Environmental Change</i> , 2018, 53, 52-67.	7.8	323
33	Welcoming different perspectives in IPBES: “Nature’s contributions to people” and “Ecosystem services”. <i>Ecology and Society</i> , 2018, 23, .	2.3	108
34	The Regime Shifts Database: a framework for analyzing regime shifts in social-ecological systems. <i>Ecology and Society</i> , 2018, 23, .	2.3	113
35	Biodiversity and ecosystem services require IPBES to take novel approach to scenarios. <i>Sustainability Science</i> , 2017, 12, 177-181.	4.9	104
36	Regime Shifts and Spatial Resilience in a Coral Reef Seascape. , 2017, , 301-322.		2

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37	How spatial scale shapes the generation and management of multiple ecosystem services. <i>Ecosphere</i> , 2017, 8, e01741.	2.2	60
38	Unpacking ecosystem service bundles: Towards predictive mapping of synergies and trade-offs between ecosystem services. <i>Global Environmental Change</i> , 2017, 47, 37-50.	7.8	229
39	Understanding how access shapes the transformation of ecosystem services to human well-being with an example from Costa Rica. <i>Ecosystem Services</i> , 2017, 28, 320-327.	5.4	32
40	Multiscale scenarios for nature futures. <i>Nature Ecology and Evolution</i> , 2017, 1, 1416-1419.	7.8	131
41	Unifying Research on Socialâ€œEcological Resilience and Collapse. <i>Trends in Ecology and Evolution</i> , 2017, 32, 695-713.	8.7	142
42	When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models. <i>BioScience</i> , 2017, 67, 820-833.	4.9	114
43	Improving participatory resilience assessment by cross-fertilizing the Resilience Alliance and Transition Movement approaches. <i>Ecology and Society</i> , 2017, 22, .	2.3	11
44	Key features for more successful place-based sustainability research on social-ecological systems: a Programme on Ecosystem Change and Society (PECS) perspective. <i>Ecology and Society</i> , 2017, 22, .	2.3	84
45	Social-ecological drivers of multiple ecosystem services: what variables explain patterns of ecosystem services across the Norrström drainage basin?. <i>Ecology and Society</i> , 2016, 21, .	2.3	68
46	Scale and ecosystem services: how do observation, management, and analysis shift with scaleÔlessons from Québec. <i>Ecology and Society</i> , 2016, 21, .	2.3	135
47	Measuring and assessing resilience: broadening understanding through multiple disciplinary perspectives. <i>Journal of Applied Ecology</i> , 2016, 53, 677-687.	4.0	316
48	Bright spots: seeds of a good Anthropocene. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 441-448.	4.0	414
49	Synchronous failure: the emerging causal architecture of global crisis. <i>Ecology and Society</i> , 2015, 20, .	2.3	144
50	Regime Shifts in the Anthropocene: Drivers, Risks, and Resilience. <i>PLoS ONE</i> , 2015, 10, e0134639.	2.5	117
51	Participatory scenario planning in place-based social-ecological research: insights and experiences from 23 case studies. <i>Ecology and Society</i> , 2015, 20, .	2.3	228
52	Principle 5 â€œ Encourage learning. , 2015, , 174-200.		13
53	Mapping bundles of ecosystem services reveals distinct types of multifunctionality within a Swedish landscape. <i>Ambio</i> , 2015, 44, 89-101.	5.5	209
54	Evaluating taboo trade-offs in ecosystems services and human well-being. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6949-6954.	7.1	243

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55	Advancing sustainability through mainstreaming a social-ecological systems perspective. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 144-149.	6.3	274
56	Resilience assessment: a useful approach to navigate urban sustainability challenges. <i>Ecology and Society</i> , 2015, 20, .	2.3	59
57	Linking biodiversity, ecosystem services, and human well-being: three challenges for designing research for sustainability. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 76-85.	6.3	559
58	Marine regime shifts: drivers and impacts on ecosystems services. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130273.	4.0	153
59	Strategic Spatial Planning and the Ecosystem Services Concept - an Historical Exploration. <i>Ecology and Society</i> , 2013, 18, .	2.3	100
60	Resilience: A Bridging Concept or a Dead End? Reframing Resilience: Challenges for Planning Theory and Practice Interacting Traps: Resilience Assessment of a Pasture Management System in Northern Afghanistan Urban Resilience: What Does it Mean in Planning Practice? Resilience as a Useful Concept for Climate Change Adaptation? The Politics of Resilience for Planning: A Cautionary Note. <i>Planning Theory and Practice</i> , 2012, 13, 299-333.	1.7	1,251
61	Drivers, "Slow" Variables, "Fast" Variables, Shocks, and Resilience. <i>Ecology and Society</i> , 2012, 17, .	2.3	164
62	Connecting Social Networks with Ecosystem Services for Watershed Governance: a Social-Ecological Network Perspective Highlights the Critical Role of Bridging Organizations. <i>Ecology and Society</i> , 2012, 17, .	2.3	101
63	Reconnecting to the Biosphere. <i>Ambio</i> , 2011, 40, 719-38.	5.5	420
64	Opportunities and limitations to detect climate-related regime shifts in inland Arctic ecosystems through eco-hydrological monitoring. <i>Environmental Research Letters</i> , 2011, 6, 014015.	5.2	41
65	The Paradox Persists: How to Resolve It. <i>BioScience</i> , 2011, 61, 11-12.	4.9	8
66	Untangling the Environmentalist's Paradox: Why Is Human Well-being Increasing as Ecosystem Services Degrade?. <i>BioScience</i> , 2010, 60, 576-589.	4.9	358
67	Ecosystem service bundles for analyzing tradeoffs in diverse landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5242-5247.	7.1	1,461
68	Understanding relationships among multiple ecosystem services. <i>Ecology Letters</i> , 2009, 12, 1394-1404.	6.4	1,707
69	A Cross-National Analysis of How Economic Inequality Predicts Biodiversity Loss. <i>Conservation Biology</i> , 2009, 23, 1304-1313.	4.7	81
70	Integrating resilience thinking and optimisation for conservation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 549-554.	8.7	110
71	A test of the cross-scale resilience model: Functional richness in Mediterranean-climate ecosystems. <i>Ecological Complexity</i> , 2008, 5, 165-182.	2.9	31
72	BENTHIC ALGAL PRODUCTION ACROSS LAKE SIZE GRADIENTS: INTERACTIONS AMONG MORPHOMETRY, NUTRIENTS, AND LIGHT. <i>Ecology</i> , 2008, 89, 2542-2552.	3.2	213

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73	Agricultural modifications of hydrological flows create ecological surprises. Trends in Ecology and Evolution, 2008, 23, 211-219.	8.7	308
74	Making Investments in Dryland Development Work: Participatory Scenario Planning in the Makanya Catchment, Tanzania. Ecology and Society, 2008, 13, .	2.3	75
75	1. Panarchies and Discontinuities. , 2008, , 3-19.		2
76	2. Self-organization and Discontinuities in Ecosystems. , 2008, , 20-30.		0
77	Economic Inequality Predicts Biodiversity Loss. PLoS ONE, 2007, 2, e444.	2.5	106
78	Can forest management based on natural disturbances maintain ecological resilience?. Canadian Journal of Forest Research, 2006, 36, 2285-2299.	1.7	338
79	Trade-offs across Space, Time, and Ecosystem Services. Ecology and Society, 2006, 11, .	2.3	951
80	Scenarios for Ecosystem Services: An Overview. Ecology and Society, 2006, 11, .	2.3	245
81	Water RATs (Resilience, Adaptability, and Transformability) in Lake and Wetland Social-Ecological Systems. Ecology and Society, 2006, 11, .	2.3	92
82	Editorial: Special Feature on Scenarios for Ecosystem Services. Ecology and Society, 2006, 11, .	2.3	27
83	Synthesis of the Storylines. Ecology and Society, 2006, 11, .	2.3	12
84	Patterns in body mass distributions: sifting among alternative hypotheses. Ecology Letters, 2006, 9, 630-643.	6.4	149
85	Perceived Barriers to Integrating Social Science and Conservation. Conservation Biology, 2006, 20, 1817-1820.	4.7	140
86	Ecological Thresholds: The Key to Successful Environmental Management or an Important Concept with No Practical Application?. Ecosystems, 2006, 9, 1-13.	3.4	829
87	Policy strategies to address sustainability of Alaskan boreal forests in response to a directionally changing climate. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16637-16643.	7.1	145
88	Looking to the Future of Ecosystem Services. Ecosystems, 2005, 8, 125-132.	3.4	51
89	A Systems Model Approach to Determining Resilience Surrogates for Case Studies. Ecosystems, 2005, 8, 945-957.	3.4	145
90	ECOLOGICAL MANAGEMENT: CONTROL, UNCERTAINTY, AND UNDERSTANDING. , 2005, , 371-395.		13

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91	Resilience and Vulnerability of Northern Regions to Social and Environmental Change. <i>Ambio</i> , 2004, 33, 344-349.	5.5	125
92	Scenario Planning: a Tool for Conservation in an Uncertain World. <i>Conservation Biology</i> , 2003, 17, 358-366.	4.7	1,068
93	Response diversity, ecosystem change, and resilience. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 488-494.	4.0	1,409
94	UNCERTAINTY AND THE MANAGEMENT OF MULTISTATE ECOSYSTEMS: AN APPARENTLY RATIONAL ROUTE TO COLLAPSE. <i>Ecology</i> , 2003, 84, 1403-1411.	3.2	113
95	Why global scenarios need ecology. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 322-329.	4.0	100
96	Response diversity, ecosystem change, and resilience. , 2003, 1, 488.		5
97	Response Diversity, Ecosystem Change, and Resilience. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 488.	4.0	36
98	Assessing Future Ecosystem Services: a Case Study of the Northern Highlands Lake District, Wisconsin. <i>Ecology and Society</i> , 2003, 7, .	0.9	109
99	Alternative Stable States. , 2002, , 166-183.		1
100	Contagious Disturbance, Ecological Memory, and the Emergence of Landscape Pattern. <i>Ecosystems</i> , 2002, 5, 329-338.	3.4	328
101	Resilience Management in Social-ecological Systems: a Working Hypothesis for a Participatory Approach. <i>Ecology and Society</i> , 2002, 6, .	0.9	880
102	Estimating Resilience Across Landscapes. <i>Ecology and Society</i> , 2002, 6, .	0.9	50
103	Ecological limits of adaptation to climate change. , 2001, , 25-41.		11
104	Deforestation and forest regeneration following small-scale gold mining in the Amazon: the case of Suriname. <i>Environmental Conservation</i> , 2001, 28, 117-126.	1.3	97
105	Political ecology and ecological resilience:. <i>Ecological Economics</i> , 2000, 35, 323-336.	5.7	234
106	Scaling Ecological Dynamics: Self-Organization, Hierarchical Structure, and Ecological Resilience. , 2000, 44, 291-309.		88
107	The Risks and Benefits of Genetically Modified Crops: A Multidisciplinary Perspective. <i>Ecology and Society</i> , 2000, 4, .	0.9	27
108	Original Articles: Ecological Resilience, Biodiversity, and Scale. <i>Ecosystems</i> , 1998, 1, 6-18.	3.4	1,225

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109	Complex Adaptive Systems: Use and Analysis of Complex Adaptive Systems in Ecosystem Science: Overview of Special Section. <i>Ecosystems</i> , 1998, 1, 427-430.	3.4	81
110	Ecology, Ethics, and Advocacy. <i>Ecology and Society</i> , 1997, 1, .	0.9	2
111	Uncertainty, Climate Change, and Adaptive Management. <i>Ecology and Society</i> , 1997, 1, .	0.9	32