

Carl Folke

List of Publications by Citations

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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.

267
papers

80,568
citations

99
h-index

283
g-index

292
ext. papers

92,442
ext. citations

9.2
avg, IF

8
L-index

#	Paper	IF	Citations
267	A safe operating space for humanity. <i>Nature</i> , 2009 , 461, 472-5	50.4	6399
266	Catastrophic shifts in ecosystems. <i>Nature</i> , 2001 , 413, 591-6	50.4	4673
265	Sustainability. Planetary boundaries: guiding human development on a changing planet. <i>Science</i> , 2015 , 347, 1259855	33.3	4597
264	Resilience: The emergence of a perspective for social-ecological systems analyses. <i>Global Environmental Change</i> , 2006 , 16, 253-267	10.1	4041
263	ADAPTIVE GOVERNANCE OF SOCIAL-ECOLOGICAL SYSTEMS. <i>Annual Review of Environment and Resources</i> , 2005 , 30, 441-473	17.2	3025
262	Impacts of biodiversity loss on ocean ecosystem services. <i>Science</i> , 2006 , 314, 787-90	33.3	2772
261	Planetary Boundaries: Exploring the Safe Operating Space for Humanity. <i>Ecology and Society</i> , 2009 , 14,	4.1	2588
260	Climate change, human impacts, and the resilience of coral reefs. <i>Science</i> , 2003 , 301, 929-33	33.3	2569
259	Complexity of coupled human and natural systems. <i>Science</i> , 2007 , 317, 1513-6	33.3	2210
258	Confronting the coral reef crisis. <i>Nature</i> , 2004 , 429, 827-33	50.4	2207
257	Regime Shifts, Resilience, and Biodiversity in Ecosystem Management. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2004 , 35, 557-581	13.5	2127
256	The causes of land-use and land-cover change: moving beyond the myths. <i>Global Environmental Change</i> , 2001 , 11, 261-269	10.1	2115
255	Effect of aquaculture on world fish supplies. <i>Nature</i> , 2000 , 405, 1017-24	50.4	1903
254	REDISCOVERY OF TRADITIONAL ECOLOGICAL KNOWLEDGE AS ADAPTIVE MANAGEMENT 2000 , 10, 1251-1262		1830
253	Resilience Thinking: Integrating Resilience, Adaptability and Transformability. <i>Ecology and Society</i> , 2010 , 15,	4.1	1807
252	Social-ecological resilience to coastal disasters. <i>Science</i> , 2005 , 309, 1036-9	33.3	1587
251	Resilience and sustainable development: building adaptive capacity in a world of transformations. <i>Ambio</i> , 2002 , 31, 437-40	6.5	1310

250	Trajectories of the Earth System in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8252-8259	11.5	1184
249	Response diversity, ecosystem change, and resilience. <i>Frontiers in Ecology and the Environment</i> , 2003 , 1, 488-494	5.5	1127
248	Ecological goods and services of coral reef ecosystems. <i>Ecological Economics</i> , 1999 , 29, 215-233	5.6	1086
247	Adaptive comanagement for building resilience in social-ecological systems. <i>Environmental Management</i> , 2004 , 34, 75-90	3.1	941
246	The anthropocene: from global change to planetary stewardship. <i>Ambio</i> , 2011 , 40, 739-61	6.5	892
245	Shooting the Rapids: Navigating Transitions to Adaptive Governance of Social-Ecological Systems. <i>Ecology and Society</i> , 2006 , 11,	4.1	727
244	New paradigms for supporting the resilience of marine ecosystems. <i>Trends in Ecology and Evolution</i> , 2005 , 20, 380-6	10.9	655
243	Governance and the Capacity to Manage Resilience in Regional Social-Ecological Systems. <i>Ecology and Society</i> , 2006 , 11,	4.1	617
242	Ecology. The value of nature and the nature of value. <i>Science</i> , 2000 , 289, 395-6	33.3	614
241	Ecosystem stewardship: sustainability strategies for a rapidly changing planet. <i>Trends in Ecology and Evolution</i> , 2010 , 25, 241-9	10.9	608
240	A Handful of Heuristics and Some Propositions for Understanding Resilience in Social-Ecological Systems. <i>Ecology and Society</i> , 2006 , 11,	4.1	603
239	Tipping toward sustainability: emerging pathways of transformation. <i>Ambio</i> , 2011 , 40, 762-80	6.5	568
238	Natural capital and ecosystem services informing decisions: From promise to practice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7348-55	11.5	539
237	Coupled human and natural systems. <i>Ambio</i> , 2007 , 36, 639-49	6.5	501
236	Coral reef disturbance and resilience in a human-dominated environment. <i>Trends in Ecology and Evolution</i> , 2000 , 15, 413-417	10.9	495
235	Ecology. Globalization, roving bandits, and marine resources. <i>Science</i> , 2006 , 311, 1557-8	33.3	491
234	A framework for the practical application of the concepts of critical natural capital and strong sustainability. <i>Ecological Economics</i> , 2003 , 44, 165-185	5.6	463
233	Resilience and Vulnerability: Complementary or Conflicting Concepts?. <i>Ecology and Society</i> , 2010 , 15,	4.1	452

232	Social-Ecological Transformation for Ecosystem Management: the Development of Adaptive Co-management of a Wetland Landscape in Southern Sweden. <i>Ecology and Society</i> , 2004 , 9,	4.1	430
231	Navigating transformations in governance of Chilean marine coastal resources. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16794-9	11.5	403
230	Nature and mental health: An ecosystem service perspective. <i>Science Advances</i> , 2019 , 5, eaax0903	14.3	391
229	Reserves, resilience and dynamic landscapes. <i>Ambio</i> , 2003 , 32, 389-96	6.5	383
228	Reconnecting cities to the biosphere: stewardship of green infrastructure and urban ecosystem services. <i>Ambio</i> , 2014 , 43, 445-53	6.5	382
227	Social-ecological systems as complex adaptive systems: modeling and policy implications. <i>Environment and Development Economics</i> , 2013 , 18, 111-132	1.8	381
226	Social-ecological resilience and biosphere-based sustainability science. <i>Ecology and Society</i> , 2016 , 21,	4.1	381
225	Modeling Complex Ecological Economic Systems. <i>BioScience</i> , 1993 , 43, 545-555	5.7	379
224	Economic growth, carrying capacity, and the environment. <i>Ecological Economics</i> , 1995 , 15, 91-95	5.6	370
223	Alternative states on coral reefs: beyond coral-macroalgal phase shifts. <i>Marine Ecology - Progress Series</i> , 2009 , 376, 295-306	2.6	368
222	Decision-making under great uncertainty: environmental management in an era of global change. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 398-404	10.9	359
221	A Theory of Transformative Agency in Linked Social-Ecological Systems. <i>Ecology and Society</i> , 2013 , 18,	4.1	351
220	Does aquaculture add resilience to the global food system?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 13257-63	11.5	340
219	Social-ecological memory in urban gardens: Retaining the capacity for management of ecosystem services. <i>Global Environmental Change</i> , 2010 , 20, 255-265	10.1	335
218	Trust-building, Knowledge Generation and Organizational Innovations: The Role of a Bridging Organization for Adaptive Co-management of a Wetland Landscape around Kristianstad, Sweden. <i>Human Ecology</i> , 2006 , 34, 573-592	2	323
217	Reconnecting to the biosphere. <i>Ambio</i> , 2011 , 40, 719-38	6.5	322
216	Principles for knowledge co-production in sustainability research. <i>Nature Sustainability</i> , 2020 , 3, 182-190	22.1	317
215	Sustainability and resilience for transformation in the urban century. <i>Nature Sustainability</i> , 2019 , 2, 267-273	23.1	314

214	Social norms as solutions. <i>Science</i> , 2016 , 354, 42-43	33.3	314
213	Science and government. Navigating the anthropocene: improving Earth system governance. <i>Science</i> , 2012 , 335, 1306-7	33.3	313
212	Resilience (Republished). <i>Ecology and Society</i> , 2016 , 21,	4.1	313
211	Weaving knowledge systems in IPBES, CBD and beyondLessons learned for sustainability. <i>Current Opinion in Environmental Sustainability</i> , 2017 , 26-27, 17-25	7.2	302
210	Local Ecological Knowledge and Institutional Dynamics for Ecosystem Management: A Study of Lake Racken Watershed, Sweden. <i>Ecosystems</i> , 2001 , 4, 85-104	3.9	294
209	Spatial Resilience of Coral Reefs. <i>Ecosystems</i> , 2001 , 4, 406-417	3.9	286
208	Farmland abandonment: threat or opportunity for biodiversity conservation? A global review. <i>Frontiers in Ecology and the Environment</i> , 2014 , 12, 288-296	5.5	281
207	Human modification of global water vapor flows from the land surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7612-7	11.5	264
206	Environment. Looming global-scale failures and missing institutions. <i>Science</i> , 2009 , 325, 1345-6	33.3	259
205	ECOLOGY:Nature's Subsidies to Shrimp and Salmon Farming 1998 , 282, 883-884		241
204	Enhancing the Fit through Adaptive Co-management: Creating and Maintaining Bridging Functions for Matching Scales in the Kristianstads Vattenrike Biosphere Reserve, Sweden. <i>Ecology and Society</i> , 2007 , 12,	4.1	235
203	Navigating the transition to ecosystem-based management of the Great Barrier Reef, Australia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9489-94	11.5	226
202	Biological Diversity, Ecosystems, and the Human Scale 1996 , 6, 1018-1024		226
201	Human-induced Trophic Cascades and Ecological Regime Shifts in the Baltic Sea. <i>Ecosystems</i> , 2007 , 10, 877-889	3.9	224
200	Advancing sustainability through mainstreaming a socialEcological systems perspective. <i>Current Opinion in Environmental Sustainability</i> , 2015 , 14, 144-149	7.2	211
199	Transforming Innovation for Sustainability. <i>Ecology and Society</i> , 2012 , 17,	4.1	211
198	General Resilience to Cope with Extreme Events. <i>Sustainability</i> , 2012 , 4, 3248-3259	3.6	203
197	Aligning Key Concepts for Global Change Policy: Robustness, Resilience, and Sustainability. <i>Ecology and Society</i> , 2013 , 18,	4.1	199

196	Adaptive governance, ecosystem management, and natural capital. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7369-74	11.5	186
195	Resilience implications of policy responses to climate change. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011 , 2, 757-766	8.4	185
194	Polycentric systems and interacting planetary boundaries [Emerging governance of climate change] Ocean acidification Marine biodiversity. <i>Ecological Economics</i> , 2012 , 81, 21-32	5.6	183
193	Transforming governance and institutions for global sustainability: key insights from the Earth System Governance Project. <i>Current Opinion in Environmental Sustainability</i> , 2012 , 4, 51-60	7.2	172
192	Ecology for transformation. <i>Trends in Ecology and Evolution</i> , 2006 , 21, 309-15	10.9	165
191	Resilience in natural and socioeconomic systems. <i>Environment and Development Economics</i> , 1998 , 3, 221-262	2.62	161
190	Creation of a gilded trap by the high economic value of the Maine lobster fishery. <i>Conservation Biology</i> , 2011 , 25, 904-12	6	156
189	Climate and conservation. Creating a safe operating space for iconic ecosystems. <i>Science</i> , 2015 , 347, 1317-9	33.3	155
188	The unfolding water drama in the Anthropocene: towards a resilience-based perspective on water for global sustainability. <i>Ecohydrology</i> , 2014 , 7, 1249-1261	2.5	148
187	Social-ecological systems as complex adaptive systems: organizing principles for advancing research methods and approaches. <i>Ecology and Society</i> , 2018 , 23,	4.1	144
186	Confronting Feedbacks of Degraded Marine Ecosystems. <i>Ecosystems</i> , 2012 , 15, 695-710	3.9	142
185	Incorporating green-area user groups in urban ecosystem management. <i>Ambio</i> , 2006 , 35, 237-44	6.5	141
184	Aquaculture with its environment: Prospects for sustainability. <i>Ocean and Coastal Management</i> , 1992 , 17, 5-24	3.9	141
183	Feeding aquaculture growth through globalization: Exploitation of marine ecosystems for fishmeal. <i>Global Environmental Change</i> , 2007 , 17, 238-249	10.1	139
182	Transnational corporations as 'keystone actors' in marine ecosystems. <i>PLoS ONE</i> , 2015 , 10, e0127533	3.7	133
181	New visions for addressing sustainability. <i>Science</i> , 2003 , 302, 1919-20	33.3	129
180	Middlemen, a critical social-ecological link in coastal communities of Kenya and Zanzibar. <i>Marine Policy</i> , 2010 , 34, 761-771	3.5	123
179	Participation, Adaptive Co-management, and Management Performance in the World Network of Biosphere Reserves. <i>World Development</i> , 2011 , 39, 662-671	5.5	122

178	Powerless Spectators, Coping Actors, and Adaptive Co-managers: a Synthesis of the Role of Communities in Ecosystem Management. <i>Ecology and Society</i> , 2007 , 12,	4.1	121
177	Transnational corporations and the challenge of biosphere stewardship. <i>Nature Ecology and Evolution</i> , 2019 , 3, 1396-1403	12.3	116
176	No-take areas, herbivory and coral reef resilience. <i>Trends in Ecology and Evolution</i> , 2007 , 22, 1-3	10.9	112
175	Quantifying spatial resilience. <i>Journal of Applied Ecology</i> , 2016 , 53, 625-635	5.8	111
174	Responding to change: Using scenarios to understand how socioeconomic factors may influence amplifying or dampening exploitation feedbacks among Tanzanian fishers. <i>Global Environmental Change</i> , 2011 , 21, 7-12	10.1	109
173	Social-ecological systems and adaptive governance of the commons. <i>Ecological Research</i> , 2007 , 22, 14-15	1.9	106
172	Synchronous failure: the emerging causal architecture of global crisis. <i>Ecology and Society</i> , 2015 , 20,	4.1	104
171	Anatomy and resilience of the global production ecosystem. <i>Nature</i> , 2019 , 575, 98-108	50.4	104
170	The Relations Among Threatened Species, Their Protection, and Taboos. <i>Ecology and Society</i> , 1997 , 1,		100
169	A systems perspective on the interrelations between natural, human-made and cultural capital. <i>Ecological Economics</i> , 1992 , 5, 1-8	5.6	99
168	Linkages Among Water Vapor Flows, Food Production, and Terrestrial Ecosystem Services. <i>Ecology and Society</i> , 1999 , 3,		96
167	A holistic view of marine regime shifts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130279	5.8	95
166	History and Local Management of a Biodiversity-Rich, Urban Cultural Landscape. <i>Ecology and Society</i> , 2005 , 10,	4.1	94
165	Planetary boundaries—exploring the challenges for global environmental governance. <i>Current Opinion in Environmental Sustainability</i> , 2012 , 4, 80-87	7.2	91
164	Integrating resilience thinking and optimisation for conservation. <i>Trends in Ecology and Evolution</i> , 2009 , 24, 549-54	10.9	90
163	Minireviews: Exploring the Basic Ecological Unit: Ecosystem-like Concepts in Traditional Societies. <i>Ecosystems</i> , 1998 , 1, 409-415	3.9	88
162	Making the ecosystem approach operational—Can regime shifts in ecological- and governance systems facilitate the transition?. <i>Marine Policy</i> , 2010 , 34, 1290-1299	3.5	87
161	Enhancing ecosystem management through social-ecological inventories: lessons from Kristianstads Vattenrike, Sweden. <i>Environmental Conservation</i> , 2007 , 34, 140-152	3.3	86

160	The Costs of Eutrophication from Salmon Farming: Implications for Policy. <i>Journal of Environmental Management</i> , 1994 , 40, 173-182	7.9	86
159	Masked, diluted and drowned out: how global seafood trade weakens signals from marine ecosystems. <i>Fish and Fisheries</i> , 2016 , 17, 1175-1182	6	84
158	Allowing variance may enlarge the safe operating space for exploited ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14384-9	11.5	82
157	A watershed approach to upgrade rainfed agriculture in water scarce regions through Water System Innovations: an integrated research initiative on water for food and rural livelihoods in balance with ecosystem functions. <i>Physics and Chemistry of the Earth</i> , 2004 , 29, 1109-1118	3	82
156	Trade, environment and development: the issues in perspective. <i>Ecological Economics</i> , 1994 , 9, 1-12	5.6	82
155	Coping with uncertainty: a call for a new science-policy forum. <i>Ambio</i> , 2003 , 32, 330-5	6.5	81
154	Social-Ecological Systems Insights for Navigating the Dynamics of the Anthropocene. <i>Annual Review of Environment and Resources</i> , 2018 , 43, 267-289	17.2	80
153	Managing Our Environmental Portfolio. <i>BioScience</i> , 2000 , 50, 149	5.7	80
152	Marine regime shifts around the globe: theory, drivers and impacts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130260	5.8	79
151	Primary and secondary values of wetland ecosystems. <i>Environmental and Resource Economics</i> , 1994 , 4, 55-74	4.4	78
150	Our future in the Anthropocene biosphere. <i>Ambio</i> , 2021 , 50, 834-869	6.5	78
149	Traditional Ecological Knowledge, Biodiversity, Resilience and Sustainability. <i>Ecology, Economy & Environment</i> , 1995 , 281-299		77
148	Managing nutrient fluxes and pollution in the Baltic: an interdisciplinary simulation study. <i>Ecological Economics</i> , 1999 , 30, 333-352	5.6	76
147	Program on ecosystem change and society: an international research strategy for integrated social-ecological systems. <i>Current Opinion in Environmental Sustainability</i> , 2012 , 4, 134-138	7.2	74
146	Anthropocene risk. <i>Nature Sustainability</i> , 2019 , 2, 667-673	22.1	72
145	Co-management in Latin American small-scale shellfisheries: assessment from long-term case studies. <i>Fish and Fisheries</i> , 2016 , 17, 176-192	6	71
144	Rewiring food systems to enhance human health and biosphere stewardship. <i>Environmental Research Letters</i> , 2017 , 12, 100201	6.2	71
143	Freshwater for resilience: a shift in thinking. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003 , 358, 2027-36	5.8	71

142	Food production, population growth, and the environment. <i>Science</i> , 1998 , 281, 1291-2	33.3	71
141	Ecological limitations and appropriation of ecosystem support by shrimp farming in Colombia. <i>Environmental Management</i> , 1994 , 18, 663-676	3.1	70
140	The Role of Golf Courses in Biodiversity Conservation and Ecosystem Management. <i>Ecosystems</i> , 2009 , 12, 191-206	3.9	69
139	Water RATs (Resilience, Adaptability, and Transformability) in Lake and Wetland Social-Ecological Systems. <i>Ecology and Society</i> , 2006 , 11,	4.1	68
138	Development and government policies of the shrimp farming industry in Thailand in relation to mangrove ecosystems. <i>Ecological Economics</i> , 2002 , 40, 441-455	5.6	68
137	A social contract with the ancestors: Culture and ecosystem services in southern Madagascar. <i>Global Environmental Change</i> , 2014 , 24, 251-264	10.1	66
136	A Framework for Understanding Change 2009 , 3-28		66
135	Guiding coral reef futures in the Anthropocene. <i>Frontiers in Ecology and the Environment</i> , 2016 , 14, 490-498	5.5	65
134	Capturing emergent phenomena in social-ecological systems: an analytical framework. <i>Ecology and Society</i> , 2019 , 24,	4.1	65
133	Resilience: Accounting for the Noncomputable. <i>Ecology and Society</i> , 2009 , 14,	4.1	65
132	The critical natural capital of ecosystem performance as insurance for human well-being. <i>Ecological Economics</i> , 2003 , 44, 205-217	5.6	64
131	A more dynamic understanding of human behaviour for the Anthropocene. <i>Nature Sustainability</i> , 2019 , 2, 1075-1082	22.1	62
130	Contagious exploitation of marine resources. <i>Frontiers in Ecology and the Environment</i> , 2015 , 13, 435-440	5.5	60
129	Adaptive management of the Great Barrier Reef and the Grand Canyon world heritage areas. <i>Ambio</i> , 2007 , 36, 586-92	6.5	60
128	Emergence of a global science-business initiative for ocean stewardship. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9038-9043	11.5	57
127	Incentives, social-ecological feedbacks and European fisheries. <i>Marine Policy</i> , 2011 , 35, 568-574	3.5	56
126	SOCIAL TABOOS: INVISIBLE SYSTEMS OF LOCAL RESOURCE MANAGEMENT AND BIOLOGICAL CONSERVATION 2001 , 11, 584-600		54
125	Building resilience and adaptation to manage Arctic change. <i>Ambio</i> , 2006 , 35, 198-202	6.5	51

124	Developing an Integrated History and future of People on Earth (IHOPE). <i>Current Opinion in Environmental Sustainability</i> , 2012 , 4, 106-114	7.2	47
123	What if solar energy becomes really cheap? A thought experiment on environmental problem shifting. <i>Current Opinion in Environmental Sustainability</i> , 2015 , 14, 170-179	7.2	46
122	Emergence of Global Adaptive Governance for Stewardship of Regional Marine Resources. <i>Ecology and Society</i> , 2013 , 18,	4.1	46
121	Managing aquaculture for sustainability in tropical Lake Kariba, Zimbabwe. <i>Ecological Economics</i> , 1996 , 18, 141-159	5.6	46
120	Protected areas and their surrounding territory: socioecological systems in the context of ecological solidarity 2016 , 26, 5-16		45
119	The economic perspective: conservation against development versus conservation for development. <i>Conservation Biology</i> , 2006 , 20, 686-8	6	44
118	Synthesis: building resilience and adaptive capacity in social-ecological systems 2001 , 352-387		43
117	THE ECOLOGICAL FOOTPRINT CONCEPT FOR SUSTAINABLE SEAFOOD PRODUCTION: A REVIEW 1998 , 8, S63-S71		42
116	The Ecological Footprint Concept for Sustainable Seafood Production: A Review 1998 , 8, S63		41
115	Globalization, marine regime shifts and the Soviet Union. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130278	5.8	40
114	Marine Ecosystem Science on an Intertwined Planet. <i>Ecosystems</i> , 2017 , 20, 54-61	3.9	39
113	Climate and fishing steer ecosystem regeneration to uncertain economic futures. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015 , 282, 20142809	4.4	39
112	Linking Freshwater Flows and Ecosystem Services Appropriated by People: The Case of the Baltic Sea Drainage Basin. <i>Ecosystems</i> , 1999 , 2, 351-366	3.9	39
111	Impacts of artisanal fishing on key functional groups and the potential vulnerability of coral reefs. <i>Environmental Conservation</i> , 2009 , 36, 327-337	3.3	36
110	Economic growth, carrying capacity, and the environment*. <i>Environment and Development Economics</i> , 1996 , 1, 104-110	1.8	36
109	Reconnecting to the Biosphere: a Social-Ecological Renaissance. <i>Ecology and Society</i> , 2012 , 17,	4.1	35
108	The dynamics of social-ecological systems in urban landscapes: Stockholm and the National Urban Park, Sweden. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1023, 308-22	6.5	35
107	Sustainability transformations: socio-political shocks as opportunities for governance transitions. <i>Global Environmental Change</i> , 2020 , 63, 102097	10.1	34

106	Managing climate change impacts to enhance the resilience and sustainability of Fennoscandian forests. <i>Ambio</i> , 2007 , 36, 528-33	6.5	34
105	Dual thinking for scientists. <i>Ecology and Society</i> , 2015 , 20,	4.1	33
104	Energy economy of salmon aquaculture in the Baltic sea. <i>Environmental Management</i> , 1988 , 12, 525-537	3.1	33
103	Valuation of Ecosystem Services in Institutional Context. <i>Ecosystems</i> , 2000 , 3, 36-40	3.9	28
102	Resilience—Now More than Ever. <i>Ecology and Society</i> , 2005 , 10,	4.1	27
101	Resilience and development: mobilizing for transformation. <i>Ecology and Society</i> , 2016 , 21,	4.1	26
100	Water is a master variable: Solving for resilience in the modern era. <i>Water Security</i> , 2019 , 8, 100048	3.8	26
99	Dancing on the volcano: social exploration in times of discontent. <i>Ecology and Society</i> , 2019 , 24,	4.1	25
98	Toward a Sustainable and Resilient Future		25
97	Quantifying the nitrogen retention capacity of natural wetlands in the large-scale drainage basin of the Baltic Sea. <i>Landscape Ecology</i> , 1998 , 13, 249-262	4.3	25
96	Untapped capacity for resilience in environmental law. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19899-19904	11.5	24
95	Resilience and Global Sustainability. <i>Ecology and Society</i> , 2010 , 15,	4.1	24
94	Stewardship of the Biosphere in the Urban Era		23
93	Life-support value of ecosystems: a case study of the Baltic Sea Region. <i>Ecological Economics</i> , 1991 , 3, 123-137	5.6	22
92	Response diversity, ecosystem change, and resilience		21
91	Ecosystem Subsidies to Swedish Food Consumption from 1962 to 1994. <i>Ecosystems</i> , 2005 , 8, 512-528	3.9	20
90	Transformations in Ecosystem Stewardship		20
89	Improving Climate Change Mitigation Analysis: A Framework for Examining Feasibility. <i>One Earth</i> , 2020 , 3, 325-336	8.1	19

88	Evolution in the Anthropocene: Informing Governance and Policy. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2019 , 50, 527-546	13.5	18
87	The Economy, The Biosphere and Planetary Boundaries: Towards Biosphere Economics. <i>International Review of Environmental and Resource Economics</i> , 2015 , /8, 57-100	2.1	18
86	Social dimensions of fertility behavior and consumption patterns in the Anthropocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6300-6307	11.5	17
85	The dynamics of ecosystems, biodiversity management and social institutions at high northern latitudes. <i>Ambio</i> , 2004 , 33, 350-5	6.5	17
84	Building Transformative Capacity for Ecosystem Stewardship in SocialEcological Systems 2010 , 263-285		17
83	Socio-Economic Dependence on the Life-Supporting Environment 1991 , 77-94		16
82	Resilience-Based Stewardship: Strategies for Navigating Sustainable Pathways in a Changing World 2009 , 319-337		16
81	Changing antibiotic resistance: sustainability transformation to a pro-microbial planet. <i>Current Opinion in Environmental Sustainability</i> , 2017 , 25, 66-76	7.2	15
80	How resilient are ecosystems to global environmental change?. <i>Sustainability Science</i> , 2010 , 5, 151-154	6.4	15
79	Salmon Farming in Context: Response to Blacket al.. <i>Journal of Environmental Management</i> , 1997 , 50, 95-103	7.9	15
78	Coevolutionary Governance of Antibiotic and Pesticide Resistance. <i>Trends in Ecology and Evolution</i> , 2020 , 35, 484-494	10.9	14
77	Adaptive dancing: interactions between social resilience and ecological crises 2001 , 33-52		13
76	Principle 1 Maintain diversity and redundancy50-79		12
75	Discontinuous change in multilevel hierarchical systems. <i>Systems Research and Behavioral Science</i> , 2007 , 11, 77-93		11
74	Navigating the chaos of an unfolding global cycle. <i>Ecology and Society</i> , 2020 , 25,	4.1	11
73	Opinion: We need biosphere stewardship that protects carbon sinks and builds resilience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	11
72	Ecohydrological Landscape Management for Human Well-Being. <i>Water International</i> , 2000 , 25, 178-184	2.4	10
71	Urban Gardens: Pockets of Social-Ecological Memory 2014 , 145-158		10

70	Urbanization, Migration, and Adaptation to Climate Change. <i>One Earth</i> , 2020 , 3, 396-399	8.1	10
69	Conservation, Driving Forces, and Institutions 1996 , 6, 370-372		9
68	Rethinking resilience and development: A coevolutionary perspective. <i>Ambio</i> , 2021 , 50, 1304-1312	6.5	9
67	The Economics of Resilience. <i>International Review of Environmental and Resource Economics</i> , 2018 , 11, 309-353	2.1	9
66	Redundancy and diversity: do they influence optimal management? 2001 , 83-114		8
65	Corridors of Clarity: Four Principles to Overcome Uncertainty Paralysis in the Anthropocene. <i>BioScience</i> , 2020 , 70, 1139-1144	5.7	8
64	Exploring the role of local ecological knowledge in ecosystem management: three case studies 2001 , 189-209		7
63	The Societal Value of Wetland Life-Support 1991 , 141-171		7
62	The Anthropocene reality of financial risk. <i>One Earth</i> , 2021 , 4, 618-628	8.1	7
61	An invitation for more research on transnational corporations and the biosphere. <i>Nature Ecology and Evolution</i> , 2020 , 4, 494	12.3	6
60	Nature and society through the lens of resilience: toward a human-in-ecosystem perspective 2001 , 53-82		6
59	REDISCOVERY OF TRADITIONAL ECOLOGICAL KNOWLEDGE AS ADAPTIVE MANAGEMENT 2000 , 10, 1251		6
58	Ecosystem Approaches to the Management and Allocation of Critical Resources 1998 , 313-345		6
57	Sustainable Trade: A New Paradigm for World Welfare. <i>Environment</i> , 1995 , 37, 16-44	2.8	5
56	Nine. Matching Scales of Law with Social-Ecological Contexts to Promote Resilience 2014 , 265-292		4
55	Adaptive capacity of local indigenous institutions: the case of the taboo forests of southern Madagascar 37-74		4
54	Evolving Perspectives of Stewardship in the Seafood Industry. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	4
53	The social dynamics of basins of attraction. <i>Ecology and Society</i> , 2021 , 26,	4.1	4

52	Aquaculture 2013 , 189-201		3
51	Double complexity: information technology and reconfigurations in adaptive governance	193-215	3
50	Public-private partnerships in the provision of environmental governance: a case of disaster management	171-190	
49	Foreword: The backloop to sustainability 2001 , xv-xxii		3
48	Aquaculture 2001 , 185-198		3
47	Response diversity, ecosystem change, and resilience 2003 , 1, 488		3
46	Paradise Lost?		3
45	Ask 1998: The Value of Nature and the Nature of Value 2010 , 99-104		3
44	Sharing the seas: a review and analysis of ocean sector interactions. <i>Environmental Research Letters</i> , 2021 , 16, 063005		6.2 3
43	Governance in the Face of Extreme Events: Lessons from Evolutionary Processes for Structuring Interventions, and the Need to Go Beyond. <i>Ecosystems</i> , 2021 , 1-15		3-9 3
42	Adapting institutions, adaptive governance and complexity: an introduction	1-8	2
41	Facing the adaptive challenge: practitioners' insights from negotiating resource crises in Minnesota 2001 , 210-240		2
40	Caribou co-management in northern Canada: fostering multiple ways of knowing 2001 , 241-268		2
39	Reconnecting Cities to the Biosphere: Stewardship of Green Infrastructure and Urban Ecosystem Services 2015 , 3-19		2
38	Our Future in the Anthropocene Biosphere: Global sustainability and resilient societies. <i>SSRN Electronic Journal</i> ,		1 2
37	Commentary : Resilience and Social-Ecological Systems: A Handful of Frontiers. <i>Global Environmental Change</i> , 2021 , 71, 102400		10.1 2
36	Iconic images, symbols, and archetypes: their function in art and science. <i>Ecology and Society</i> , 2018 , 23,		4.1 2
35	Scientific mobilization of keystone actors for biosphere stewardship.. <i>Scientific Reports</i> , 2022 , 12, 3802		4.9 2

34	Earth stewardship: Shaping a sustainable future through interacting policy and norm shifts.. <i>Ambio</i> , 2022 , 1	6.5	2
33	Creating incentives for increased public engagement in ecosystem management through urban commons101-124		
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28	Reserves and resilience--from single equilibrium to complex systems. <i>Ambio</i> , 2003 , 32, 379	6.5	1
27	Keeping ecological resilience afloat in cross-scale turbulence: an indigenous social movement navigates change in Indonesia 2001 , 299-327		1
26	Corals and phase shifts. <i>Trends in Ecology and Evolution</i> , 2001 , 16, 127	10.9	1
25	The Emergence of an Ecological Economics Paradigm: Examples from Fisheries and Aquaculture. <i>Ecology, Economy & Environment</i> , 1992 , 69-87		1
24	A safe operating space for humanity		1
23	Social-Ecological Resilience and Behavioural Responses 2017 , 226-242		1
22	Perspectives on resilience 2001 , 31-32		0
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- 11 Sustainability Science Award. *Bulletin of the Ecological Society of America*, **2004**, 85, 144-144 0.7
- 10 Social-ecological learning and adaptation **2001**, 187-188
- 9 Cross-scale institutional response to change **2001**, 269-270
- 8 The Work of Nature: How the Diversity of Life Sustains Us BY YVONNE BASKIN xix + 263 pp., illustr., 23.4 x 5.8 x 2.6 cm, ISBN 1 55963 519 3 hardback, price unknown, Washington, DC, USA: Island Press, 1997. *Environmental Conservation*, **1998**, 25, 175-185 3.3
- 7 The Ecological Economics of Sustainability: Making Local and Short-term Goals Consistent with Global and Long-term Goals, being the First International, Interdisciplinary Conference of the International Society for Ecological Economics*, held at The World Bank, Washington, DC, USA, 21-23 May 1990. *Environmental Conservation*, **1990**, 17, 279-280 3.3
- 6 The Anthropocene: From Global Change to Planetary Stewardship (2011). *The Anthropocene: Politik - Economics - Society - Science*, **2021**, 145-174 0.3
- 5 Food systems and adaptive governance: food crisis in Niger 148-170
- 4 The Ask Challenge **2010**, 231-234
- 3 Ask 2002: Coping with Uncertainty A Call for a New Science-Policy Forum **2010**, 201-216
- 2 Ask 2001: Sustainability B Compass Indicators of Genuine Wealth **2010**, 183-192
- 1 Collaborative Approaches to Biosphere Stewardship **2019**, 41-50