

# Thomas Elmqvist

## List of Publications by Year in descending order

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Version: 2024-02-01

180  
papers

22,474  
citations

22153  
59  
h-index

21540  
114  
g-index

185  
all docs

185  
docs citations

185  
times ranked

21539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature futures for the urban century: Integrating multiple values into urban management. Environmental Science and Policy, 2022, 131, 46-56.	4.9	31
2	Urban climate resilience through hybrid infrastructure. Current Opinion in Environmental Sustainability, 2022, 55, 101158.	6.3	15
3	Governing sustainable transformations of urban social-ecological-technological systems. Npj Urban Sustainability, 2022, 2, .	8.0	20
4	No net loss of biodiversity, green growth, and the need to address drivers. One Earth, 2022, 5, 612-614.	6.8	3
5	Urban Governance of and for Urban Green and Blue Infrastructure. Cities and Nature, 2021, , 403-431.	1.0	8
6	Reserves, resilience and dynamic landscapes 20Âyears later. Ambio, 2021, 50, 962-966.	5.5	9
7	Urbanization in the Anthropocene: inaugural npj Urban Sustainability. Npj Urban Sustainability, 2021, 1, .	8.0	2
8	Resilience: Now more than ever. Ambio, 2021, 50, 1774-1777.	5.5	30
9	Ageing and population shrinking: implications for sustainability in the urban century. Npj Urban Sustainability, 2021, 1, .	8.0	55
10	Integrating solutions to adapt cities for climate change. Lancet Planetary Health, The, 2021, 5, e479-e486.	11.4	70
11	Learning from socialâ€œecological crisis for legal resilience building: multi-scale dynamics in the coffee rust epidemic. Sustainability Science, 2020, 15, 485-501.	4.9	15
12	Post-apartheid ecologies in the City of Cape Town: An examination of plant functional traits in relation to urban gradients. Landscape and Urban Planning, 2020, 193, 103662.	7.5	14
13	Research gaps in knowledge of the impact of urban growth on biodiversity. Nature Sustainability, 2020, 3, 16-24.	23.7	267
14	Urbanization, Migration, and Adaptation to Climate Change. One Earth, 2020, 3, 396-399.	6.8	42
15	The Effect of Introduced Opuntia (Cactaceae) Species on Landscape Connectivity and Ecosystem Service Provision in Southern Madagascar. Science for Sustainable Societies, 2020, , 145-166.	0.5	1
16	The Urban Planet: Challenges and Opportunities for Sustainability. , 2019, , 173-193.		0
17	Sustainability and resilience for transformation in the urban century. Nature Sustainability, 2019, 2, 267-273.	23.7	594
18	Resilience Management for Healthy Cities in a Changing Climate. , 2019, , 411-424.		6

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19	Cities Matter: Workspaces in Ecosystem-Service Assessments with Decision-Support Tools in the Context of Urban Systems. <i>BioScience</i> , 2018, 68, 164-166.	4.9	5
20	Community-led reforestation: cultivating the potential of virtuous cycles to confer resilience in disaster disrupted social-ecological systems. <i>Sustainability Science</i> , 2018, 13, 797-813.	4.9	19
21	Seeds of the Future in the Present. , 2018, , 327-350.		19
22	Macroeconomy and Urban Productivity. , 2018, , 130-146.		4
23	Live with Risk While Reducing Vulnerability. , 2018, , 92-112.		3
24	Rethinking Urban Sustainability and Resilience. , 2018, , 149-162.		9
25	Utilizing Urban Living Laboratories for Social Innovation. , 2018, , 197-217.		4
26	To Transform Cities, Support Civil Society. , 2018, , 281-302.		6
27	Governing Urban Sustainability Transformations. , 2018, , 303-326.		9
28	Understanding, Implementing, and Tracking Urban Metabolism Is Key to Urban Futures. , 2018, , 68-91.		6
29	New Integrated Urban Knowledge for the Cities We Want. , 2018, , 462-482.		5
30	Embracing Urban Complexity. , 2018, , 45-67.		19
31	Advancing sustainability science for the SDGs. <i>Sustainability Science</i> , 2018, 13, 1483-1487.	4.9	49
32	The UN, the Urban Sustainable Development Goal, and the New Urban Agenda. , 2018, , 180-196.		21
33	Urban tinkering. <i>Sustainability Science</i> , 2018, 13, 1549-1564.	4.9	40
34	Global Urbanization. , 2018, , 19-44.		37
35	Weaving knowledge systems in IPBES, CBD and beyond-lessons learned for sustainability. <i>Current Opinion in Environmental Sustainability</i> , 2017, 26-27, 17-25.	6.3	466
36	Development: Sustainability and resilience differ. <i>Nature</i> , 2017, 546, 352-352.	27.8	25

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37	Socioecological disparities in New Orleans following Hurricane Katrina. <i>Ecosphere</i> , 2017, 8, e01922.	2.2	24
38	Sustainability science for meeting Africa's challenges: setting the stage. <i>Sustainability Science</i> , 2017, 12, 635-640.	4.9	13
39	Key insights for the future of urban ecosystem services research. <i>Ecology and Society</i> , 2016, 21, .	2.3	219
40	Scientists must have a say in the future of cities. <i>Nature</i> , 2016, 538, 165-166.	27.8	161
41	Exploring the links between functional traits and cultural ecosystem services to enhance urban ecosystem management. <i>Ecological Indicators</i> , 2016, 70, 597-605.	6.3	73
42	Defining and advancing a systems approach for sustainable cities. <i>Current Opinion in Environmental Sustainability</i> , 2016, 23, 69-78.	6.3	313
43	Sustainability science for meeting Africa's challenges. <i>Sustainability Science</i> , 2016, 11, 371-372.	4.9	2
44	Insurance Value of Green Infrastructure in and Around Cities. <i>Ecosystems</i> , 2016, 19, 1051-1063.	3.4	61
45	Traps! An introduction to expanding thinking on persistent maladaptive states in pursuit of resilience. <i>Sustainability Science</i> , 2016, 11, 861-866.	4.9	16
46	Call for paper for sustainability science and implementing the sustainable development goals. <i>Sustainability Science</i> , 2016, 11, 177-178.	4.9	1
47	Advancing Urban Ecology toward a Science of Cities. <i>BioScience</i> , 2016, 66, 198-212.	4.9	491
48	Bridging the gap between ecosystem service assessments and land-use planning through Multi-Criteria Decision Analysis (MCDA). <i>Environmental Science and Policy</i> , 2016, 62, 45-56.	4.9	213
49	Satoyama landscape as social-ecological system: historical changes and future perspective. <i>Current Opinion in Environmental Sustainability</i> , 2016, 19, 30-39.	6.3	63
50	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, 7348-7355.	7.1	717
51	Benefits of restoring ecosystem services in urban areas. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 101-108.	6.3	543
52	Resilience of and through urban ecosystem services. <i>Ecosystem Services</i> , 2015, 12, 152-156.	5.4	337
53	Reconnecting Cities to the Biosphere: Stewardship of Green Infrastructure and Urban Ecosystem Services. , 2015, , 3-19.		2
54	Using sustainability science to analyse social-ecological restoration in NE Japan after the great earthquake and tsunami of 2011. <i>Sustainability Science</i> , 2014, 9, 513-526.	4.9	21

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55	Connecting Diverse Knowledge Systems for Enhanced Ecosystem Governance: The Multiple Evidence Base Approach. <i>Ambio</i> , 2014, 43, 579-591.	5.5	776
56	A Quantitative Review of Urban Ecosystem Service Assessments: Concepts, Models, and Implementation. <i>Ambio</i> , 2014, 43, 413-433.	5.5	758
57	Opportunities for Increasing Resilience and Sustainability of Urban Social-ecological Systems: Insights from the URBES and the Cities and Biodiversity Outlook Projects. <i>Ambio</i> , 2014, 43, 434-444.	5.5	84
58	Reconnecting Cities to the Biosphere: Stewardship of Green Infrastructure and Urban Ecosystem Services. <i>Ambio</i> , 2014, 43, 445-453.	5.5	480
59	Civic ecology practices: Participatory approaches to generating and measuring ecosystem services in cities. <i>Ecosystem Services</i> , 2014, 7, 177-186.	5.4	186
60	Ecosystem Services in Urban Landscapes: Practical Applications and Governance Implications. <i>Ambio</i> , 2014, 43, 407-412.	5.5	165
61	Nature conservation for what? Analyses of urban and rural nature reserves in southern Sweden 1909-2006. <i>Landscape and Urban Planning</i> , 2013, 117, 66-80.	7.5	22
62	Benefits of Investing in Ecosystem Restoration. <i>Conservation Biology</i> , 2013, 27, 1286-1293.	4.7	240
63	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
64	A Global Outlook on Urbanization. , 2013, , 1-12.		70
65	History of Urbanization and the Missing Ecology. , 2013, , 13-30.		81
66	Indicators for Management of Urban Biodiversity and Ecosystem Services: City Biodiversity Index. , 2013, , 699-718.		27
67	Stewardship of the Biosphere in the Urban Era. , 2013, , 719-746.		31
68	Managing trade-offs in ecosystem services. , 2013, , .		10
69	Urban Ecological and Social-Ecological Research in the City of Cape Town: Insights Emerging from an Urban Ecology CityLab. <i>Ecology and Society</i> , 2012, 17, .	2.3	17
70	Planetary Stewardship in an Urbanizing World: Beyond City Limits. <i>Ambio</i> , 2012, 41, 787-794.	5.5	189
71	Contributions of cultural services to the ecosystem services agenda. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8812-8819.	7.1	1,079
72	Biodiversity and ecosystem services science for a sustainable planet: the DIVERSITAS vision for 2012-2020. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 101-105.	6.3	62

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73	Ecosystem services, targets, and indicators for the conservation and sustainable use of biodiversity. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 512-520.	4.0	91
74	Ecosystem Services Linking Social and Ecological Systems: River Brownification and the Response of Downstream Stakeholders. <i>Ecology and Society</i> , 2011, 16, .	2.3	39
75	Reconnecting to the Biosphere. <i>Ambio</i> , 2011, 40, 719-38.	5.5	420
76	The Urban Landscape as a Social-Ecological System for Governance of Ecosystem Services. , 2011, , 213-218.		3
77	Concluding Remarks: The Way Forward for Urban Ecology. , 2011, , 319-322.		3
78	Challenges in framing the economics of ecosystems and biodiversity: the TEEB initiative. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 15-26.	6.3	158
79	Urban Transitions: On Urban Resilience and Human-Dominated Ecosystems. <i>Ambio</i> , 2010, 39, 531-545.	5.5	461
80	Network analysis in conservation biogeography: challenges and opportunities. <i>Diversity and Distributions</i> , 2010, 16, 414-425.	4.1	109
81	Biodiversity Transcends Servicesâ€™Response. <i>Science</i> , 2010, 330, 1745-1745.	12.6	11
82	Ecosystem Services for 2020. <i>Science</i> , 2010, 330, 323-324.	12.6	178
83	An Assessment of Ecosystem Services and Biodiversity in Europe. <i>Issues in Environmental Science and Technology</i> , 2010, , 1-28.	0.4	8
84	Patterns and scale relations among urbanization measures in Stockholm, Sweden. <i>Landscape Ecology</i> , 2009, 24, 1331-1339.	4.2	35
85	Integrating resilience thinking and optimisation for conservation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 549-554.	8.7	110
86	Bumble Bees ( <i>Bombus</i> spp) along a Gradient of Increasing Urbanization. <i>PLoS ONE</i> , 2009, 4, e5574.	2.5	227
87	Towards an integrated understanding of green space in the European built environment. <i>Urban Forestry and Urban Greening</i> , 2009, 8, 65-75.	5.3	322
88	Spontaneous Regeneration of Tropical Dry Forest in Madagascar: The Socialâ€™Ecological Dimension. <i>Landscape Series</i> , 2009, , 297-313.	0.2	2
89	Linkages beyond borders: targeting spatial processes in fragmented urban landscapes. <i>Landscape Ecology</i> , 2008, 23, 717-726.	4.2	36
90	Socialâ€™ecological systems in transition: Lessons from a Symposium on Society, Natural Resources and Development in Madagascar held at the University of East Anglia in March 2007. <i>Journal of Integrative Environmental Sciences</i> , 2008, 5, 69-71.	0.8	1

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91	Social Movements and Ecosystem Services&#8212;the Role of Social Network Structure in Protecting and Managing Urban Green Areas in Stockholm. Ecology and Society, 2008, 13, .	2.3	189
92	Managing Climate Change Impacts to Enhance the Resilience and Sustainability of Fennoscandian Forests. Ambio, 2007, 36, 528-533.	5.5	36
93	Patterns of Loss and Regeneration of Tropical Dry Forest in Madagascar: The Social Institutional Context. PLoS ONE, 2007, 2, e402.	2.5	67
94	Taboos and Forest Governance: Informal Protection of Hot Spot Dry Forest in Southern Madagascar. Ambio, 2007, 36, 683-691.	5.5	74
95	The Value Of Small Size: Loss Of Forest Patches And Ecological Thresholds In Southern Madagascar. , 2006, 16, 440-451.		177
96	Resilience and Regime Shifts: Assessing Cascading Effects. Ecology and Society, 2006, 11, .	2.3	336
97	Scale Mismatches in Management of Urban Landscapes. Ecology and Society, 2006, 11, .	2.3	168
98	Toward a Network Perspective of the Study of Resilience in Social-Ecological Systems. Ecology and Society, 2006, 11, .	2.3	349
99	History and Local Management of a Biodiversity-Rich, Urban Cultural Landscape. Ecology and Society, 2005, 10, .	2.3	118
100	The Dynamics of Social-Ecological Systems in Urban Landscapes: Stockholm and the National Urban Park, Sweden. Annals of the New York Academy of Sciences, 2004, 1023, 308-322.	3.8	52
101	The Dynamics of Ecosystems, Biodiversity Management and Social Institutions at High Northern Latitudes. Ambio, 2004, 33, 350-355.	5.5	25
102	Regime Shifts, Resilience, and Biodiversity in Ecosystem Management. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 557-581.	8.3	2,674
103	Response diversity, ecosystem change, and resilience. Frontiers in Ecology and the Environment, 2003, 1, 488-494.	4.0	1,409
104	Reserves, Resilience and Dynamic Landscapes. Ambio, 2003, 32, 389-396.	5.5	480
105	An ethnobotanical study of medicinal plants used by the Zay people in Ethiopia. Journal of Ethnopharmacology, 2003, 85, 43-52.	4.1	341
106	Resilience and Sustainable Development: Building Adaptive Capacity in a World of Transformations. Ambio, 2002, 31, 437-440.	5.5	1,790
107	Tropical Forest Reorganization after Cyclone and Fire Disturbance in Samoa: Remnant Trees as Biological Legacies. Ecology and Society, 2002, 5, .	0.9	77
108	Living with disturbance: building resilience in social&quot;ecological systems. , 2001, , 163-186.		31

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109	Bee diversity along a disturbance gradient in tropical lowland forests of south-east Asia. Journal of Applied Ecology, 2001, 38, 180-192.	4.0	153
110	Tropical Rain Forest Recovery from Cyclone Damage and Fire in Samoa1. Biotropica, 2001, 33, 249-259.	1.6	43
111	Tropical Rain Forest Recovery from Cyclone Damage and Fire in Samoa1. Biotropica, 2001, 33, 249.	1.6	10
112	Pollinator Extinction in the Pacific Islands. Conservation Biology, 2000, 14, 1237-1239.	4.7	142
113	Comments on "Cross-cultural Conflicts in Fire Management in Northern Australia: Not so Black and White" by Alan Andersen. Ecology and Society, 2000, 4, .	0.9	0
114	Sexual Dimorphism and Biotic Interactions. , 1999, , 217-246.		95
115	Floral sex ratios, disease and seed set in dioecious <i>Silene dioica</i> . Journal of Ecology, 1998, 86, 79-91.	4.0	69
116	The Evolution of Vivipary in Flowering Plants. Oikos, 1996, 77, 3.	2.7	133
117	The Role of Race Specific Resistance in Natural Plant Populations. Oikos, 1996, 76, 411.	2.7	65
118	Effects of Tropical Cyclonic Storms on Flying Fox Populations on the South Pacific Islands of Samoa. Conservation Biology, 1996, 10, 438-451.	4.7	61
119	Selective sieves in the epidemiology of <i>Melampsora lini</i> . Plant Pathology, 1996, 45, 933-943.	2.4	33
120	Ecocolonialism and indigenous knowledge systems: village controlled rainforest preserves in Samoa. Pacific Conservation Biology, 1994, 1, 6.	1.0	9
121	Effects of Tropical Cyclones Ofa and Val on the Structure of a Samoan Lowland Rain Forest. Biotropica, 1994, 26, 384.	1.6	78
122	Use of Near-Infrared Reflectance Spectrometry and Multivariate Data Analysis to Detect Anther Smut Disease ( <i>Microbotryum violaceum</i> ) in <i>Silene dioica</i> . Phytopathology, 1994, 84, 764.	2.2	18
123	Anther-Smut Infection in <i>Silene dioica</i> : Variation in Floral Morphology and Patterns of Spore Deposition. Oikos, 1993, 68, 207.	2.7	62
124	Restricted Pollination on Oceanic Islands: Pollination of <i>Ceiba pentandra</i> by Flying Foxes in Samoa. Biotropica, 1992, 24, 15.	1.6	54
125	Epidemiology of anther-smut disease ( <i>Microbotryum violaceum</i> ) and numeric regulation of populations of <i>Silene dioica</i> . Oecologia, 1992, 90, 509-517.	2.0	93
126	Vole Feeding on Male and Female Willow Shoots along a Gradient of Plant Productivity. Oikos, 1991, 62, 145.	2.7	42



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127	Flowering in Males and Females of a Utah Willow, <i>Salix rigida</i> and Effects on Growth, Tannins, Phenolic Glycosides and Sugars. <i>Oikos</i> , 1991, 61, 65.	2.7	54
128	Flying Foxes as Strong Interactors in South Pacific Island Ecosystems: A Conservation Hypothesis. <i>Conservation Biology</i> , 1991, 5, 448-454.	4.7	181
129	Submarine Pollination and Reproductive Morphology in <i>Syringodium filiforme</i> (Cymodoceaceae). <i>Biotropica</i> , 1990, 22, 259.	1.6	11
130	Conserving Pacific Island flying foxes. <i>Oryx</i> , 1990, 24, 81-89.	1.0	22
131	Infection by Pathogens and Population Age of Host Plants. <i>Journal of Ecology</i> , 1990, 78, 1094.	4.0	75
132	Differences in response to defoliation between males and females of <i>Silene dioica</i> . <i>Oecologia</i> , 1988, 77, 225-230.	2.0	49
133	Latitudinal Sex Ratio Variation in Willows, <i>Salix</i> spp., and Gradients in Vole Herbivory. <i>Oikos</i> , 1988, 51, 259.	2.7	65
134	Sexual Dimorphism and between-Year Variation in Flowering, Fruit Set and Pollinator Behaviour in a Boreal Willow. <i>Oikos</i> , 1988, 53, 58.	2.7	45
135	Are There General Patterns in Bark-Eating by Voles on Different Shoot Types from Woody Plants?. <i>Oikos</i> , 1987, 50, 396.	2.7	28
136	Flowering, Shoot Production, and Vole Bark Herbivory in a Boreal Willow. <i>Ecology</i> , 1987, 68, 1623-1629.	3.2	30
137	Pollination by deceit, floral sex ratios and seed set in dioecious <i>Rubus chamaemorus</i> L.. <i>Oecologia</i> , 1986, 70, 332-338.	2.0	108
138	Sexuality in Willows and Preference by Bark-Eating Voles: Defence or Not?. <i>Oikos</i> , 1985, 44, 82.	2.7	81
139	Every Community Needs a Forest of Imagination. , 0, , 362-364.		0
140	Can Big Data Make a Difference for Urban Management?1. , 0, , 218-238.		2
141	Situating Knowledge and Action for an Urban Planet. , 0, , 1-16.		10
142	Collaborative and Equitable Urban Citizen Science. , 0, , 239-260.		1
143	Sustainability Transformation Emerging from Better Governance. , 0, , 263-280.		6
144	Banksy and the Biologist. , 0, , 359-361.		0

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145	A Chimera Called “Smart Cities”, 0, , 368-370.		1
146	Beyond Fill-in-the-Blank Cities. , 0, , 371-373.		0
147	Persuading Policy-Makers to Implement Sustainable City Plans. , 0, , 374-375.		0
148	To Live or Not to Live. , 0, , 376-378.		0
149	Cities as Global Organisms. , 0, , 384-385.		0
150	Building Cities. , 0, , 388-390.		0
151	The False Distinctions of Socially Engaged Art and Art. , 0, , 391-393.		0
152	Overcoming Inertia and Reinventing “Retreat”, 0, , 394-396.		0
153	Money for Old Rope. , 0, , 397-399.		0
154	Understanding Arab Cities. , 0, , 404-407.		0
155	Who Can Implement the Sustainable Development Goals in Urban Areas?. , 0, , 408-410.		4
156	The Rebellion of Memory. , 0, , 417-419.		0
157	Cities Don’t Need “Big Data” They Need Innovations That Connect to the Local. , 0, , 420-421.		0
158	Digital Urbanization and the End of Big Cities. , 0, , 422-424.		0
159	The Art of Engagement / Activating Curiosity. , 0, , 425-427.		0
160	Nairobi’s Illegal City-Makers. , 0, , 428-429.		0
161	Sketches of an Emotional Geography Towards a New Citizenship. , 0, , 445-450.		0
162	Greening Cities. , 0, , 453-454.		0

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163	Recognition Deficit and the Struggle for Unifying City Fragments. , 0, , 455-457.		0
164	Broadening Our Vision to Find a New Eco-Spiritual Way of Living. , 0, , 460-461.		0
165	Sustainability, Karachi, and Other Irreconcilables. , 0, , 353-356.		0
166	Achieving Sustainable Cities by Focusing on the Urban Underserved. , 0, , 411-416.		0
167	The Sea Wall. , 0, , 433-435.		0
168	What Knowledge Do Cities Themselves Need?. , 0, , 357-358.		0
169	City Fragmentation and the Commons. , 0, , 379-383.		0
170	From Concrete Structures to Green Diversity. , 0, , 386-387.		0
171	Aesthetic Appreciation of Tagging. , 0, , 400-403.		0
172	Active Environmental Citizens with Receptive Government Officials Can Enact Change. , 0, , 430-432.		0
173	Private Fears in Public Spaces. , 0, , 440-442.		0
174	Disrespecting the Knowledge of Place. , 0, , 458-459.		0
175	How Can We Shift from an Image-Based Society to a Life-Based Society?. , 0, , 365-367.		0
176	Harness Urban Complexity for Health and Well-Being. , 0, , 113-129.		4
177	Academics and Nonacademics. , 0, , 436-439.		0
178	The Shift in Urban Technology Innovation from Top-Down to Bottom-Up Sources. , 0, , 451-452.		0
179	Indicators for Measuring Urban Sustainability and Resilience. , 0, , 163-179.		4
180	Response strategy assessment: a tool for evaluating resilience for the management of socialâ€œecological systems. , 0, , 224-241.		2