

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	Regime Shifts, Resilience, and Biodiversity in Ecosystem Management. Annual Review of Ecology, Evolution, and Systematics, 2004, 35, 557-581.	8.3	2,674
2	Resilience and Sustainable Development: Building Adaptive Capacity in a World of Transformations. Ambio, 2002, 31, 437-440.	5.5	1,790
3	Response diversity, ecosystem change, and resilience. Frontiers in Ecology and the Environment, 2003, 1, 488-494.	4.0	1,409
4	Contributions of cultural services to the ecosystem services agenda. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8812-8819.	7.1	1,079
5	Connecting Diverse Knowledge Systems for Enhanced Ecosystem Governance: The Multiple Evidence Base Approach. Ambio, 2014, 43, 579-591.	5.5	776
6	A Quantitative Review of Urban Ecosystem Service Assessments: Concepts, Models, and Implementation. Ambio, 2014, 43, 413-433.	5.5	758
7	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
8	Sustainability and resilience for transformation in the urban century. Nature Sustainability, 2019, 2, 267-273.	23.7	594
9	Benefits of restoring ecosystem services in urban areas. Current Opinion in Environmental Sustainability, 2015, 14, 101-108.	6.3	543
10	Advancing Urban Ecology toward a Science of Cities. BioScience, 2016, 66, 198-212.	4.9	491
11	Reserves, Resilience and Dynamic Landscapes. Ambio, 2003, 32, 389-396.	5.5	480
12	Reconnecting Cities to the Biosphere: Stewardship of Green Infrastructure and Urban Ecosystem Services. Ambio, 2014, 43, 445-453.	5.5	480
13	Weaving knowledge systems in IPBES, CBD and beyond—lessons learned for sustainability. Current Opinion in Environmental Sustainability, 2017, 26-27, 17-25.	6.3	466
14	Urban Transitions: On Urban Resilience and Human-Dominated Ecosystems. Ambio, 2010, 39, 531-545.	5.5	461
15	Reconnecting to the Biosphere. Ambio, 2011, 40, 719-38.	5.5	420
16	Toward a Network Perspective of the Study of Resilience in Social-Ecological Systems. Ecology and Society, 2006, 11, .	2.3	349
17	An ethnobotanical study of medicinal plants used by the Zay people in Ethiopia. Journal of Ethnopharmacology, 2003, 85, 43-52.	4.1	341
18	Resilience of and through urban ecosystem services. Ecosystem Services, 2015, 12, 152-156.	5.4	337

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19	Resilience and Regime Shifts: Assessing Cascading Effects. Ecology and Society, 2006, 11, .	2.3	336
20	Getting the measure of ecosystem services: a socialâ€œecological approach. Frontiers in Ecology and the Environment, 2013, 11, 268-273.	4.0	330
21	Towards an integrated understanding of green space in the European built environment. Urban Forestry and Urban Greening, 2009, 8, 65-75.	5.3	322
22	Defining and advancing a systems approach for sustainable cities. Current Opinion in Environmental Sustainability, 2016, 23, 69-78.	6.3	313
23	Research gaps in knowledge of the impact of urban growth on biodiversity. Nature Sustainability, 2020, 3, 16-24.	23.7	267
24	Benefits of Investing in Ecosystem Restoration. Conservation Biology, 2013, 27, 1286-1293.	4.7	240
25	Bumble Bees (Bombus spp) along a Gradient of Increasing Urbanization. PLoS ONE, 2009, 4, e5574.	2.5	227
26	Key insights for the future of urban ecosystem services research. Ecology and Society, 2016, 21, .	2.3	219
27	Bridging the gap between ecosystem service assessments and land-use planning through Multi-Criteria Decision Analysis (MCDA). Environmental Science and Policy, 2016, 62, 45-56.	4.9	213
28	Social Movements and Ecosystem Services—the Role of Social Network Structure in Protecting and Managing Urban Green Areas in Stockholm. Ecology and Society, 2008, 13, .	2.3	189
29	Planetary Stewardship in an Urbanizing World: Beyond City Limits. Ambio, 2012, 41, 787-794.	5.5	189
30	Civic ecology practices: Participatory approaches to generating and measuring ecosystem services in cities. Ecosystem Services, 2014, 7, 177-186.	5.4	186
31	Flying Foxes as Strong Interactors in South Pacific Island Ecosystems: A Conservation Hypothesis. Conservation Biology, 1991, 5, 448-454.	4.7	181
32	Ecosystem Services for 2020. Science, 2010, 330, 323-324.	12.6	178
33	The Value Of Small Size: Loss Of Forest Patches And Ecological Thresholds In Southern Madagascar. , 2006, 16, 440-451.		177
34	Scale Mismatches in Management of Urban Landscapes. Ecology and Society, 2006, 11, .	2.3	168
35	Ecosystem Services in Urban Landscapes: Practical Applications and Governance Implications. Ambio, 2014, 43, 407-412.	5.5	165
36	Scientists must have a say in the future of cities. Nature, 2016, 538, 165-166.	27.8	161

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37	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
38	Bee diversity along a disturbance gradient in tropical lowland forests of south-east Asia. <i>Journal of Applied Ecology</i> , 2001, 38, 180-192.	4.0	153
39	Pollinator Extinction in the Pacific Islands. <i>Conservation Biology</i> , 2000, 14, 1237-1239.	4.7	142
40	The Evolution of Vivipary in Flowering Plants. <i>Oikos</i> , 1996, 77, 3.	2.7	133
41	History and Local Management of a Biodiversity-Rich, Urban Cultural Landscape. <i>Ecology and Society</i> , 2005, 10, .	2.3	118
42	Integrating resilience thinking and optimisation for conservation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 549-554.	8.7	110
43	Network analysis in conservation biogeography: challenges and opportunities. <i>Diversity and Distributions</i> , 2010, 16, 414-425.	4.1	109
44	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
45	Sexual Dimorphism and Biotic Interactions. , 1999, , 217-246.		95
46	Epidemiology of anther-smut disease (<i>Microbotryum violaceum</i>) and numeric regulation of populations of <i>Silene dioica</i> . <i>Oecologia</i> , 1992, 90, 509-517.	2.0	93
47	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
48	Opportunities for Increasing Resilience and Sustainability of Urban Social-Écological Systems: Insights from the URBES and the Cities and Biodiversity Outlook Projects. <i>Ambio</i> , 2014, 43, 434-444.	5.5	84
49	Sexuality in Willows and Preference by Bark-Eating Voles: Defence or Not?. <i>Oikos</i> , 1985, 44, 82.	2.7	81
50	History of Urbanization and the Missing Ecology. , 2013, , 13-30.		81
51	Effects of Tropical Cyclones Ofa and Val on the Structure of a Samoan Lowland Rain Forest. <i>Biotropica</i> , 1994, 26, 384.	1.6	78
52	Tropical Forest Reorganization after Cyclone and Fire Disturbance in Samoa: Remnant Trees as Biological Legacies. <i>Ecology and Society</i> , 2002, 5, .	0.9	77
53	Infection by Pathogens and Population Age of Host Plants. <i>Journal of Ecology</i> , 1990, 78, 1094.	4.0	75
54	Taboos and Forest Governance: Informal Protection of Hot Spot Dry Forest in Southern Madagascar. <i>Ambio</i> , 2007, 36, 683-691.	5.5	74

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55	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
56	Integrating solutions to adapt cities for climate change. <i>Lancet Planetary Health</i> , The, 2021, 5, e479-e486.	11.4	70
57	A Global Outlook on Urbanization. , 2013, , 1-12.		70
58	Floral sex ratios, disease and seed set in dioecious <i>Silene dioica</i> . <i>Journal of Ecology</i> , 1998, 86, 79-91.	4.0	69
59	Patterns of Loss and Regeneration of Tropical Dry Forest in Madagascar: The Social Institutional Context. <i>PLoS ONE</i> , 2007, 2, e402.	2.5	67
60	Latitudinal Sex Ratio Variation in Willows, <i>Salix</i> spp., and Gradients in Vole Herbivory. <i>Oikos</i> , 1988, 51, 259.	2.7	65
61	The Role of Race Specific Resistance in Natural Plant Populations. <i>Oikos</i> , 1996, 76, 411.	2.7	65
62	Satoyama landscape as socialâ€œecological system: historical changes and future perspective. <i>Current Opinion in Environmental Sustainability</i> , 2016, 19, 30-39.	6.3	63
63	Anther-Smut Infection in <i>Silene dioica</i> : Variation in Floral Morphology and Patterns of Spore Deposition. <i>Oikos</i> , 1993, 68, 207.	2.7	62
64	Biodiversity and ecosystem services science for a sustainable planet: the DIVERSITAS vision for 2012â€œ20. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 101-105.	6.3	62
65	Effects of Tropical Cyclonic Storms on Flying Fox Populations on the South Pacific Islands of Samoa. <i>Conservation Biology</i> , 1996, 10, 438-451.	4.7	61
66	Insurance Value of Green Infrastructure in and Around Cities. <i>Ecosystems</i> , 2016, 19, 1051-1063.	3.4	61
67	Ageing and population shrinking: implications for sustainability in the urban century. <i>Npj Urban Sustainability</i> , 2021, 1, .	8.0	55
68	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
69	Restricted Pollination on Oceanic Islands: Pollination of <i>Ceiba pentandra</i> by Flying Foxes in Samoa. <i>Biotropica</i> , 1992, 24, 15.	1.6	54
70	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, 308-322.	3.8	52
71	Differences in response to defoliation between males and females of <i>Silene dioica</i> . <i>Oecologia</i> , 1988, 77, 225-230.	2.0	49
72	Advancing sustainability science for the SDGs. <i>Sustainability Science</i> , 2018, 13, 1483-1487.	4.9	49

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73	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
74	Tropical Rain Forest Recovery from Cyclone Damage and Fire in Samoa1. <i>Biotropica</i> , 2001, 33, 249-259.	1.6	43
75	Vole Feeding on Male and Female Willow Shoots along a Gradient of Plant Productivity. <i>Oikos</i> , 1991, 62, 145.	2.7	42
76	Urbanization, Migration, and Adaptation to Climate Change. <i>One Earth</i> , 2020, 3, 396-399.	6.8	42
77	Urban tinkering. <i>Sustainability Science</i> , 2018, 13, 1549-1564.	4.9	40
78	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
79	Global Urbanization. , 2018, , 19-44.		37
80	Managing Climate Change Impacts to Enhance the Resilience and Sustainability of Fennoscandian Forests. <i>Ambio</i> , 2007, 36, 528-533.	5.5	36
81	Linkages beyond borders: targeting spatial processes in fragmented urban landscapes. <i>Landscape Ecology</i> , 2008, 23, 717-726.	4.2	36
82	Patterns and scale relations among urbanization measures in Stockholm, Sweden. <i>Landscape Ecology</i> , 2009, 24, 1331-1339.	4.2	35
83	Selective sieves in the epidemiology of <i>Melampsora lini</i> . <i>Plant Pathology</i> , 1996, 45, 933-943.	2.4	33
84	Living with disturbance: building resilience in socialâ€œecological systems. , 2001, , 163-186.		31
85	Stewardship of the Biosphere in the Urban Era. , 2013, , 719-746.		31
86	Nature futures for the urban century: Integrating multiple values into urban management. <i>Environmental Science and Policy</i> , 2022, 131, 46-56.	4.9	31
87	Flowering, Shoot Production, and Vole Bark Herbivory in a Boreal Willow. <i>Ecology</i> , 1987, 68, 1623-1629.	3.2	30
88	Resilience: Now more than ever. <i>Ambio</i> , 2021, 50, 1774-1777.	5.5	30
89	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
90	Indicators for Management of Urban Biodiversity and Ecosystem Services: City Biodiversity Index. , 2013, , 699-718.		27

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91	The Dynamics of Ecosystems, Biodiversity Management and Social Institutions at High Northern Latitudes. <i>Ambio</i> , 2004, 33, 350-355.	5.5	25
92	Development: Sustainability and resilience differ. <i>Nature</i> , 2017, 546, 352-352.	27.8	25
93	Socioecological disparities in New Orleans following Hurricane Katrina. <i>Ecosphere</i> , 2017, 8, e01922.	2.2	24
94	Conserving Pacific Island flying foxes. <i>Oryx</i> , 1990, 24, 81-89.	1.0	22
95	Nature conservation for what? Analyses of urban and rural nature reserves in southern Sweden 1909â€“2006. <i>Landscape and Urban Planning</i> , 2013, 117, 66-80.	7.5	22
96	Using sustainability science to analyse socialâ€“ecological restoration in NE Japan after the great earthquake and tsunami of 2011. <i>Sustainability Science</i> , 2014, 9, 513-526.	4.9	21
97	The UN, the Urban Sustainable Development Goal, and the New Urban Agenda. , 2018, , 180-196.		21
98	Governing sustainable transformations of urban social-ecological-technological systems. <i>Npj Urban Sustainability</i> , 2022, 2, .	8.0	20
99	Community-led reforestation: cultivating the potential of virtuous cycles to confer resilience in disaster disrupted socialâ€“ecological systems. <i>Sustainability Science</i> , 2018, 13, 797-813.	4.9	19
100	Seeds of the Future in the Present. , 2018, , 327-350.		19
101	Embracing Urban Complexity. , 2018, , 45-67.		19
102	Use of Near-Infrared Reflectance Spectrometry and Multivariate Data Analysis to Detect Anther Smut Disease (<i>Microbotryum violaceum</i>) in <i>Silene dioica</i> . <i>Phytopathology</i> , 1994, 84, 764.	2.2	18
103	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
104	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
105	Learning from socialâ€“ecological crisis for legal resilience building: multi-scale dynamics in the coffee rust epidemic. <i>Sustainability Science</i> , 2020, 15, 485-501.	4.9	15
106	Urban climate resilience through hybrid infrastructure. <i>Current Opinion in Environmental Sustainability</i> , 2022, 55, 101158.	6.3	15
107	Post-apartheid ecologies in the City of Cape Town: An examination of plant functional traits in relation to urban gradients. <i>Landscape and Urban Planning</i> , 2020, 193, 103662.	7.5	14
108	Sustainability science for meeting Africaâ€™s challenges: setting the stage. <i>Sustainability Science</i> , 2017, 12, 635-640.	4.9	13

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109	Submarine Pollination and Reproductive Morphology in <i>Syringodium filiforme</i> (Cymodoceaceae). <i>Biotropica</i> , 1990, 22, 259.	1.6	11
110	Biodiversity Transcends Services' Response. <i>Science</i> , 2010, 330, 1745-1745.	12.6	11
111	Tropical Rain Forest Recovery from Cyclone Damage and Fire in Samoa1. <i>Biotropica</i> , 2001, 33, 249.	1.6	10
112	Situating Knowledge and Action for an Urban Planet. , 0, , 1-16.		10
113	Managing trade-offs in ecosystem services. , 2013, , .		10
114	Ecocolonialism and indigenous knowledge systems: village controlled rainforest preserves in Samoa. <i>Pacific Conservation Biology</i> , 1994, 1, 6.	1.0	9
115	Rethinking Urban Sustainability and Resilience. , 2018, , 149-162.		9
116	Governing Urban Sustainability Transformations. , 2018, , 303-326.		9
117	Reserves, resilience and dynamic landscapes 20 years later. <i>Ambio</i> , 2021, 50, 962-966.	5.5	9
118	Urban Governance of and for Urban Green and Blue Infrastructure. <i>Cities and Nature</i> , 2021, , 403-431.	1.0	8
119	An Assessment of Ecosystem Services and Biodiversity in Europe. <i>Issues in Environmental Science and Technology</i> , 2010, , 1-28.	0.4	8
120	Sustainability Transformation Emerging from Better Governance. , 0, , 263-280.		6
121	To Transform Cities, Support Civil Society. , 2018, , 281-302.		6
122	Understanding, Implementing, and Tracking Urban Metabolism Is Key to Urban Futures. , 2018, , 68-91.		6
123	Resilience Management for Healthy Cities in a Changing Climate. , 2019, , 411-424.		6
124	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
125	New Integrated Urban Knowledge for the Cities We Want. , 2018, , 462-482.		5
126	Macroeconomy and Urban Productivity. , 2018, , 130-146.		4

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127	Utilizing Urban Living Laboratories for Social Innovation. , 2018, , 197-217.		4
128	Who Can Implement the Sustainable Development Goals in Urban Areas?. , 0, , 408-410.		4
129	Harness Urban Complexity for Health and Well-Being. , 0, , 113-129.		4
130	Indicators for Measuring Urban Sustainability and Resilience. , 0, , 163-179.		4
131	Live with Risk While Reducing Vulnerability. , 2018, , 92-112.		3
132	The Urban Landscape as a Social-Ecological System for Governance of Ecosystem Services. , 2011, , 213-218.		3
133	Concluding Remarks: The Way Forward for Urban Ecology. , 2011, , 319-322.		3
134	No net loss of biodiversity, green growth, and the need to address drivers. One Earth, 2022, 5, 612-614.	6.8	3
135	Sustainability science for meeting Africa's challenges. Sustainability Science, 2016, 11, 371-372.	4.9	2
136	Can Big Data Make a Difference for Urban Management?1. , 0, , 218-238.		2
137	Urbanization in the Anthropocene: inaugural npj Urban Sustainability. Npj Urban Sustainability, 2021, 1, .	8.0	2
138	Spontaneous Regeneration of Tropical Dry Forest in Madagascar: The Social-Ecological Dimension. Landscape Series, 2009, , 297-313.	0.2	2
139	Response strategy assessment: a tool for evaluating resilience for the management of social-ecological systems. , 0, , 224-241.		2
140	Reconnecting Cities to the Biosphere: Stewardship of Green Infrastructure and Urban Ecosystem Services. , 2015, , 3-19.		2
141	Social-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. Journal of Integrative Environmental Sciences, 2008, 5, 69-71.	0.8	1
142	Call for paper for sustainability science and implementing the sustainable development goals. Sustainability Science, 2016, 11, 177-178.	4.9	1
143	Collaborative and Equitable Urban Citizen Science. , 0, , 239-260.		1
144	A Chimera Called "Smart Cities", 0, , 368-370.		1

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145	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
146	Every Community Needs a Forest of Imagination. , 0, , 362-364.		0
147	Banksy and the Biologist. , 0, , 359-361.		0
148	Beyond Fill-in-the-Blank Cities. , 0, , 371-373.		0
149	Persuading Policy-Makers to Implement Sustainable City Plans. , 0, , 374-375.		0
150	To Live or Not to Live. , 0, , 376-378.		0
151	Cities as Global Organisms. , 0, , 384-385.		0
152	Building Cities. , 0, , 388-390.		0
153	The False Distinctions of Socially Engaged Art and Art. , 0, , 391-393.		0
154	Overcoming Inertia and Reinventing “Retreat”, 0, , 394-396.		0
155	Money for Old Rope. , 0, , 397-399.		0
156	Understanding Arab Cities. , 0, , 404-407.		0
157	The Rebellion of Memory. , 0, , 417-419.		0
158	Cities Don’t Need “Big Data” They Need Innovations That Connect to the Local. , 0, , 420-421.		0
159	Digital Urbanization and the End of Big Cities. , 0, , 422-424.		0
160	The Art of Engagement / Activating Curiosity. , 0, , 425-427.		0
161	Nairobi’s Illegal City-Makers. , 0, , 428-429.		0
162	Sketches of an Emotional Geography Towards a New Citizenship. , 0, , 445-450.		0

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163	Greening Cities. , 0, , 453-454.		0
164	Recognition Deficit and the Struggle for Unifying City Fragments. , 0, , 455-457.		0
165	Broadening Our Vision to Find a New Eco-Spiritual Way of Living. , 0, , 460-461.		0
166	Sustainability, Karachi, and Other Irreconcilables. , 0, , 353-356.		0
167	Achieving Sustainable Cities by Focusing on the Urban Underserved. , 0, , 411-416.		0
168	The Sea Wall. , 0, , 433-435.		0
169	What Knowledge Do Cities Themselves Need?. , 0, , 357-358.		0
170	City Fragmentation and the Commons. , 0, , 379-383.		0
171	From Concrete Structures to Green Diversity. , 0, , 386-387.		0
172	Aesthetic Appreciation of Tagging. , 0, , 400-403.		0
173	Active Environmental Citizens with Receptive Government Officials Can Enact Change. , 0, , 430-432.		0
174	Private Fears in Public Spaces. , 0, , 440-442.		0
175	Disrespecting the Knowledge of Place. , 0, , 458-459.		0
176	How Can We Shift from an Image-Based Society to a Life-Based Society?. , 0, , 365-367.		0
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	The Urban Planet: Challenges and Opportunities for Sustainability. , 2019, , 173-193.		0
180	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