

Lilian Alessa

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,032
citations

361413

20
h-index

243625

44
g-index

52
all docs

52
docs citations

52
times ranked

3005
citing authors

#	ARTICLE	IF	CITATIONS
1	Social-ecological hotspots mapping: A spatial approach for identifying coupled social-ecological space. <i>Landscape and Urban Planning</i> , 2008, 85, 27-39.	7.5	304
2	The arctic freshwater system: Changes and impacts. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	203
3	A social-ecological systems approach for environmental management. <i>Journal of Environmental Management</i> , 2016, 178, 83-91.	7.8	159
4	The Science of Firescapes: Achieving Fire-Resilient Communities. <i>BioScience</i> , 2016, 66, 130-146.	4.9	157
5	The Arctic Water Resource Vulnerability Index: An Integrated Assessment Tool for Community Resilience and Vulnerability with Respect to Freshwater. <i>Environmental Management</i> , 2008, 42, 523-541.	2.7	120
6	Remote sensing the vulnerability of vegetation in natural terrestrial ecosystems. <i>Remote Sensing of Environment</i> , 2014, 154, 322-337.	11.0	107
7	A comparison of perceptions of biological value with scientific assessment of biological importance. <i>Applied Geography</i> , 2004, 24, 161-180.	3.7	97
8	Perception of change in freshwater in remote resource-dependent Arctic communities. <i>Global Environmental Change</i> , 2008, 18, 153-164.	7.8	89
9	The Contributions of Community-Based Monitoring and Traditional Knowledge to Arctic Observing Networks: Reflections on the State of the Field. <i>Arctic</i> , 2015, 68, 28.	0.4	83
10	The role of Indigenous science and local knowledge in integrated observing systems: moving toward adaptive capacity indices and early warning systems. <i>Sustainability Science</i> , 2016, 11, 91-102.	4.9	81
11	Effects of knowledge, personal attribution and perception of ecosystem health on depreciative behaviors in the intertidal zone of Pacific Rim National Park and Reserve. <i>Journal of Environmental Management</i> , 2003, 68, 207-218.	7.8	66
12	Anthropogenic biomes: a key contribution to earth-system science. <i>Trends in Ecology and Evolution</i> , 2008, 23, 529-531.	8.7	46
13	Freshwater vulnerabilities and resilience on the Seward Peninsula: Integrating multiple dimensions of landscape change. <i>Global Environmental Change</i> , 2008, 18, 256-270.	7.8	38
14	Walrus harvest locations reflect adaptation: a contribution from a community-based observation network in the Bering Sea. <i>Polar Geography</i> , 2014, 37, 48-68.	1.9	38
15	Understanding large-scale, complex, human-environmental processes: a framework for social-ecological observatories. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, S52.	4.0	33
16	Assessing the Impacts of Local Knowledge and Technology on Climate Change Vulnerability in Remote Communities. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 733-761.	2.6	31
17	The Rotten Renaissance in the Bering Strait. <i>Current Anthropology</i> , 2014, 55, 619-646.	1.6	31
18	Forgetting Freshwater: Technology, Values, and Distancing in Remote Arctic Communities. <i>Society and Natural Resources</i> , 2010, 23, 254-268.	1.9	25

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19	Integrating complexity in the management of human-wildlife encounters. <i>Global Environmental Change</i> , 2014, 26, 73-86.	7.8	25
20	Toward a typology for social-ecological systems. <i>Sustainability: Science, Practice, and Policy</i> , 2009, 5, 31-41.	1.9	24
21	A science of integration: frameworks, processes, and products in a place-based, integrative study. <i>Sustainability Science</i> , 2017, 12, 293-303.	4.9	22
22	Aluminum toxicity studies in <i>Vaucheria longicaulis</i> var. <i>macounii</i> (Xanthophyta, Tribophyceae). II. Effects on the F-actin array. <i>Environmental and Experimental Botany</i> , 2001, 45, 223-237.	4.2	16
23	The distancing effect of modernization on the perception of water resources in Arctic communities. <i>Polar Geography</i> , 2007, 30, 175-191.	1.9	16
24	Community-based observing networks and systems in the Arctic: Human perceptions of environmental change and instrument-derived data. <i>Regional Environmental Change</i> , 2018, 18, 547-559.	2.9	15
25	Planning for Idaho's waterscapes: A review of historical drivers and outlook for the next 50 years. <i>Environmental Science and Policy</i> , 2019, 94, 191-201.	4.9	15
26	Role of perception in determining adaptive capacity: communities adapting to environmental change. <i>Sustainability Science</i> , 2017, 12, 3-13.	4.9	14
27	Using the Arctic water resources vulnerability index in assessing and responding to environmental change in Alaskan communities. <i>Climate Risk Management</i> , 2019, 23, 19-31.	3.2	13
28	Contrasting stakeholder and scientist conceptual models of food-energy-water systems: a case study in Magic Valley, Southern Idaho. <i>Socio-Environmental Systems Modeling</i> , 0, 2, 16312.	0.0	13
29	MtnSEON and social-ecological systems science in complex mountain landscapes. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, S4.	4.0	12
30	Potential impacts of a changing Arctic on community water sources on the Seward Peninsula, Alaska. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	10
31	Transforming sustainability science for practice: a social-ecological systems framework for training sustainability professionals. <i>Sustainability Science</i> , 2021, 16, 283-294.	4.9	10
32	Alaska's Freshwater Resources: Issues Affecting Local and International Interests ¹ . <i>Journal of the American Water Resources Association</i> , 2011, 47, 143-157.	2.4	9
33	Minding Our Methods: How Choice of Time Series, Reference Dates, and Statistical Approach Can Influence the Representation of Temperature Change. <i>Environmental Science & Technology</i> , 2012, 46, 7435-7441.	10.0	9
34	Water Relationships in the U.S. Southwest: Characterizing Water Management Networks Using Natural Language Processing. <i>Water (Switzerland)</i> , 2014, 6, 1601-1641.	2.7	9
35	Community-based observing for social-ecological science: lessons from the Arctic. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, S44.	4.0	9
36	Understanding Effects of Permafrost Degradation and Coastal Erosion on Civil Infrastructure in Arctic Coastal Villages: A Community Survey and Knowledge Co-Production. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 422.	2.6	9

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37	Aluminum toxicity studies in <i>Vaucheria longicaulis</i> var. <i>macounii</i> (Xanthophyta, Tribophyceae). I. Effects on cytoplasmic organization. <i>Environmental and Experimental Botany</i> , 2001, 45, 205-222.	4.2	8
38	A typology for complex social-ecological systems in mountain communities. <i>Sustainability: Science, Practice, and Policy</i> , 2015, 11, 1-13.	1.9	8
39	Influence of statistical methods and reference dates on describing temperature change in Alaska. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
40	Looking to the past to shape the future: addressing social-ecological change and adaptive trade-offs. <i>Regional Environmental Change</i> , 2017, 17, 1205-1215.	2.9	7
41	The Role of Agent Types in Detecting and Responding to Environmental Change. <i>Human Organization</i> , 2012, 71, 1-10.	0.3	6
42	Themes in community resilience: A meta-synthesis of 16 years of Idaho Community Reviews. <i>Community Development</i> , 2018, 49, 65-82.	1.0	6
43	Landscape social-metabolism in food-energy-water systems: Agricultural transformation of the Upper Snake River Basin. <i>Science of the Total Environment</i> , 2020, 705, 135817.	8.0	6
44	Mapping human interaction with the Bering Sea ecosystem: Comparing seasonal use areas, lifetime use areas, and "calorie-sheds". <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 94, 292-300.	1.4	5
45	The role of perceptions versus instrumented data of environmental change: Responding to changing environments in Alaska. <i>Environmental Science and Policy</i> , 2018, 90, 110-121.	4.9	5
46	Enhancing a community-based water resource tool for assessing environmental change: the arctic water resources vulnerability index revisited. <i>Environment Systems and Decisions</i> , 2019, 39, 183-197.	3.4	5
47	Simulating Water, Individuals, and Management using a coupled and distributed approach. , 2014, , .		4
48	Socio-Ecological Futures: Embedded Solutions for Stakeholder-Driven Alternative Futures. <i>Sustainability</i> , 2022, 14, 3732.	3.2	4
49	Applying social-ecological systems science to complex mountain landscapes. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, S3.	4.0	2
50	Surprise and Suspense: How the Intelligence Community Forgot the Future. <i>International Journal of Intelligence, Security, and Public Affairs</i> , 2021, 23, 310-342.	0.2	1
51	An integrated dataset for stakeholder perceptions of environmental change and instrumented measures of change. <i>Data in Brief</i> , 2018, 21, 1721-1723.	1.0	0