

Susan L Cutter

List of Publications by Year in descending order

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Version: 2024-02-01

154
papers

21,471
citations

28190

55
h-index

11288

136
g-index

166
all docs

166
docs citations

166
times ranked

12428
citing authors

#	ARTICLE	IF	CITATIONS
1	Social Vulnerability to Environmental Hazards*. Social Science Quarterly, 2003, 84, 242-261.	0.9	3,713
2	A place-based model for understanding community resilience to natural disasters. Global Environmental Change, 2008, 18, 598-606.	3.6	2,760
3	Vulnerability to environmental hazards. Progress in Human Geography, 1996, 20, 529-539.	3.3	1,491
4	Revealing the Vulnerability of People and Places: A Case Study of Georgetown County, South Carolina. Annals of the American Association of Geographers, 2000, 90, 713-737.	3.0	999
5	Temporal and spatial changes in social vulnerability to natural hazards. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2301-2306.	3.3	916
6	Disaster Resilience Indicators for Benchmarking Baseline Conditions. Journal of Homeland Security and Emergency Management, 2010, 7, .	0.2	792
7	The geographies of community disaster resilience. Global Environmental Change, 2014, 29, 65-77.	3.6	672
8	The landscape of disaster resilience indicators in the USA. Natural Hazards, 2016, 80, 741-758.	1.6	468
9	Monitoring and Understanding Trends in Extreme Storms: State of Knowledge. Bulletin of the American Meteorological Society, 2013, 94, 499-514.	1.7	426
10	The Vulnerability of Science and the Science of Vulnerability. Annals of the American Association of Geographers, 2003, 93, 1-12.	3.0	363
11	Moral Hazard, Social Catastrophe: The Changing Face of Vulnerability along the Hurricane Coasts. Annals of the American Academy of Political and Social Science, 2006, 604, 102-112.	0.8	330
12	Integrating human behaviour dynamics into flood disaster risk assessment. Nature Climate Change, 2018, 8, 193-199.	8.1	327
13	Disaster disparities and differential recovery in New Orleans. Population and Environment, 2010, 31, 179-202.	1.3	319
14	Crying wolf: Repeat responses to hurricane evacuation orders. Coastal Management, 1998, 26, 237-252.	1.0	318
15	Erosion Hazard Vulnerability of US Coastal Counties. Journal of Coastal Research, 2005, 215, 932-942.	0.1	303
16	A Sensitivity Analysis of the Social Vulnerability Index. Risk Analysis, 2008, 28, 1099-1114.	1.5	292
17	Emerging Hurricane Evacuation Issues: Hurricane Floyd and South Carolina. Natural Hazards Review, 2002, 3, 12-18.	0.8	224
18	Resilience to What? Resilience for Whom?. Geographical Journal, 2016, 182, 110-113.	1.6	223

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19	When Do Losses Count?. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 799-810.	1.7	212
20	GI Science, Disasters, and Emergency Management. <i>Transactions in GIS</i> , 2003, 7, 439-446.	1.0	208
21	Disaster Resilience: A National Imperative. <i>Environment</i> , 2013, 55, 25-29.	0.8	195
22	Measuring social vulnerability to natural hazards in the Yangtze River Delta region, China. <i>International Journal of Disaster Risk Science</i> , 2013, 4, 169-181.	1.3	193
23	Community variations in social vulnerability to Cascadia-related tsunamis in the U.S. Pacific Northwest. <i>Natural Hazards</i> , 2010, 52, 369-389.	1.6	184
24	The Role of Geographic Scale in Monitoring Environmental Justice. <i>Risk Analysis</i> , 1996, 16, 517-526.	1.5	177
25	Social Vulnerability to Natural Hazards in Brazil. <i>International Journal of Disaster Risk Science</i> , 2016, 7, 111-122.	1.3	177
26	Social Vulnerability to Climate-Sensitive Hazards in the Southern United States. <i>Weather, Climate, and Society</i> , 2011, 3, 193-208.	0.5	172
27	Spatial patterns of natural hazards mortality in the United States. <i>International Journal of Health Geographics</i> , 2008, 7, 64.	1.2	157
28	Urbanâ€“Rural Differences in Disaster Resilience. <i>Annals of the American Association of Geographers</i> , 2016, 106, 1236-1252.	1.5	154
29	Levee Failures and Social Vulnerability in the Sacramento-San Joaquin Delta Area, California. <i>Natural Hazards Review</i> , 2008, 9, 136-149.	0.8	152
30	Global risks: Pool knowledge to stem losses from disasters. <i>Nature</i> , 2015, 522, 277-279.	13.7	148
31	Public orders and personal opinions: household strategies for hurricane risk assessment. <i>Environmental Hazards</i> , 2000, 2, 143-155.	0.3	132
32	The Unsustainable Trend of Natural Hazard Losses in the United States. <i>Sustainability</i> , 2011, 3, 2157-2181.	1.6	126
33	Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. <i>Journal of Risk Research</i> , 2015, 18, 651-674.	1.4	122
34	The Long Road Home: Race, Class, and Recovery from Hurricane Katrina. <i>Environment</i> , 2006, 48, 8-20.	0.8	121
35	Integrated research on disaster risk: Is it really integrated?. <i>International Journal of Disaster Risk Reduction</i> , 2015, 12, 255-267.	1.8	120
36	Leveraging Twitter to gauge evacuation compliance: Spatiotemporal analysis of Hurricane Matthew. <i>PLoS ONE</i> , 2017, 12, e0181701.	1.1	111

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37	Vulnerability of U.S. Cities to Environmental Hazards. <i>Journal of Homeland Security and Emergency Management</i> , 2007, 4, .	0.2	110
38	Integrating social vulnerability into federal flood risk management planning. <i>Journal of Flood Risk Management</i> , 2013, 6, 332-344.	1.6	107
39	Are natural hazards and disaster losses in the U.S. increasing?. <i>Eos</i> , 2005, 86, 381.	0.1	106
40	Hazards Vulnerability and Environmental Justice. , 0, , .		106
41	Evacuation behavior and Three Mile Island. <i>Disasters</i> , 1982, 6, 116-124.	1.1	100
42	Urban-rural differences in COVID-19 exposures and outcomes in the South: A preliminary analysis of South Carolina. <i>PLoS ONE</i> , 2021, 16, e0246548.	1.1	99
43	Modeled earthquake losses and social vulnerability in Charleston, South Carolina. <i>Applied Geography</i> , 2011, 31, 269-281.	1.7	96
44	Scenarios for vulnerability: opportunities and constraints in the context of climate change and disaster risk. <i>Climatic Change</i> , 2015, 133, 53-68.	1.7	96
45	Compound, Cascading, or Complex Disasters: What's in a Name?. <i>Environment</i> , 2018, 60, 16-25.	0.8	92
46	The Environmental Vulnerability of Caribbean Island Nations. <i>Geographical Review</i> , 2007, 97, 24-45.	0.9	87
47	The forgotten casualties redux: Women, children, and disaster risk. <i>Global Environmental Change</i> , 2017, 42, 117-121.	3.6	83
48	SETTING ENVIRONMENTAL JUSTICE IN SPACE AND PLACE: ACUTE AND CHRONIC AIRBORNE TOXIC RELEASES IN THE SOUTHEASTERN UNITED STATES. <i>Urban Geography</i> , 1996, 17, 380-399.	1.7	79
49	Tornado hazards in the United States. <i>Climate Research</i> , 2003, 24, 103-117.	0.4	77
50	Integrated Multihazard Mapping. <i>Environment and Planning B: Planning and Design</i> , 2010, 37, 646-663.	1.7	76
51	The Big Questions in Geography. <i>Professional Geographer</i> , 2002, 54, 305-317.	1.0	71
52	The forgotten casualties: women, children, and environmental change. <i>Global Environmental Change</i> , 1995, 5, 181-194.	3.6	68
53	Temporal and spatial change in disaster resilience in US counties, 2010–2015. <i>Environmental Hazards</i> , 2020, 19, 10-29.	1.4	64
54	SUBSIDIZED INEQUITIES: THE SPATIAL PATTERNING OF ENVIRONMENTAL RISKS AND FEDERALLY ASSISTED HOUSING. <i>Urban Geography</i> , 2001, 22, 29-53.	1.7	61

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55	Reframing disaster policy: the global evolution of vulnerable communities. <i>Environmental Hazards</i> , 1999, 1, 39-44.	0.3	59
56	En-gendered fears: femininity and technological risk perception. <i>Industrial Crisis Quarterly</i> , 1992, 6, 5-22.	0.6	58
57	Using Building Permits to Monitor Disaster Recovery: A Spatio-Temporal Case Study of Coastal Mississippi Following Hurricane Katrina. <i>Cartography and Geographic Information Science</i> , 2010, 37, 57-68.	1.4	56
58	Forging a paradigm shift in disaster science. <i>Natural Hazards</i> , 2017, 86, 969-988.	1.6	56
59	Flash Flood Risk and the Paradox of Urban Development. <i>Natural Hazards Review</i> , 2018, 19, .	0.8	50
60	Evaluating post-Katrina recovery in Mississippi using repeat photography. <i>Disasters</i> , 2011, 35, 488-509.	1.1	49
61	Using geotagged tweets to track population movements to and from Puerto Rico after Hurricane Maria. <i>Population and Environment</i> , 2020, 42, 4-27.	1.3	48
62	Fleeing from the Hurricane's Wrath: Evacuation and the two Americas. <i>Environment</i> , 2009, 51, 26-36.	0.8	46
63	The U.S. Hurricane Coasts: Increasingly Vulnerable?. <i>Environment</i> , 2007, 49, 8-21.	0.8	45
64	Community Concern for Pollution. <i>Environment and Behavior</i> , 1981, 13, 105-124.	2.1	43
65	Societal responses to environmental hazards. <i>International Social Science Journal</i> , 1996, 48, 525-536.	1.0	43
66	Benchmark Analysis for Quantifying Urban Vulnerability to Terrorist Incidents. <i>Risk Analysis</i> , 2007, 27, 1411-1425.	1.5	42
67	Managing the Risks from Climate Extremes at the Local Level. , 2012, , 291-338.		40
68	Residential Satisfaction and the Suburban Homeowner. <i>Urban Geography</i> , 1982, 3, 315-327.	1.7	39
69	Bridging Twitter and Survey Data for Evacuation Assessment of Hurricane Matthew and Hurricane Irma. <i>Natural Hazards Review</i> , 2020, 21, .	0.8	37
70	THE NATIONAL PATTERN OF AIRBORNE TOXIC RELEASES. <i>Professional Geographer</i> , 1989, 41, 149-161.	1.0	36
71	Extreme Events, Critical Infrastructures, Human Vulnerability and Strategic Planning: Emerging Research Issues. <i>Journal of Extreme Events</i> , 2016, 03, 1650017.	1.2	35
72	Early Detection of Terrorism Outbreaks Using Prospective Space-Time Scan Statistics. <i>Professional Geographer</i> , 2013, 65, 676-691.	1.0	33

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73	The Geography of U.S. Terrorist Incidents, 1970–2004. <i>Terrorism and Political Violence</i> , 2009, 21, 428-449.	1.3	32
74	Toward data-driven, dynamical complex systems approaches to disaster resilience. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	32
75	Assessing Flood Hazard Zones in the Absence of Digital Floodplain Maps: Comparison of Alternative Approaches. <i>Natural Hazards Review</i> , 2007, 8, 1-12.	0.8	30
76	Community resilience, natural hazards, and climate change: Is the present a prologue to the future?. <i>Norsk Geografisk Tidsskrift</i> , 2020, 74, 200-208.	0.3	30
77	Spatial accuracy of the EPA's environmental hazards databases and their use in environmental equity analyses. <i>Applied Geographic Studies</i> , 1997, 1, 45-61.	0.2	29
78	Disaster Declarations and Major Hazard Occurrences in the United States—. <i>Professional Geographer</i> , 2008, 60, 1-14.	1.0	29
79	Exposure, Social Vulnerability and Recovery Disparities in New Jersey after Hurricane Sandy. <i>Journal of Extreme Events</i> , 2014, 01, 1450002.	1.2	27
80	Spatial Disparities of COVID-19 Cases and Fatalities in United States Counties. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8259.	1.2	27
81	Integrated Hazards Mapping Tool. <i>Transactions in GIS</i> , 2011, 15, 689-706.	1.0	25
82	Social Network, Activity Space, Sentiment, and Evacuation: What Can Social Media Tell Us?. <i>Annals of the American Association of Geographers</i> , 2019, 109, 1795-1810.	1.5	25
83	Spatial Variability in Toxicity Indicators Used to Rank Chemical Risks. <i>American Journal of Public Health</i> , 2002, 92, 420-422.	1.5	24
84	Comparing index-based vulnerability assessments in the Mississippi Delta: Implications of contrasting theories, indicators, and aggregation methodologies. <i>International Journal of Disaster Risk Reduction</i> , 2019, 39, 101128.	1.8	23
85	Planning for Pet Evacuations during Disasters. <i>Journal of Homeland Security and Emergency Management</i> , 2008, 5, .	0.2	22
86	Hurricane Katrina storm surge delineation: implications for future storm surge forecasts and warnings. <i>Natural Hazards</i> , 2010, 54, 519-536.	1.6	22
87	Sendai targets at risk. <i>Nature Climate Change</i> , 2015, 5, 707-709.	8.1	22
88	Stay or Go? Examining Decision Making and Behavior in Hurricane Evacuations. <i>Environment</i> , 2015, 57, 28-41.	0.8	22
89	Now is the Time for Action: Transitions and Tipping Points in Complex Environmental Systems. <i>Environment</i> , 2010, 52, 38-45.	0.8	20
90	The Changing Nature of Hazard and Disaster Risk in the Anthropocene. <i>Annals of the American Association of Geographers</i> , 2021, 111, 819-827.	1.5	20

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91	Development of an online hazards atlas to improve disaster awareness. <i>International Research in Geographical and Environmental Education</i> , 2011, 20, 297-308.	0.8	19
92	Acceptable losses? The relative impacts of natural hazards in the United States, 1980â€“2009. <i>International Journal of Disaster Risk Reduction</i> , 2013, 5, 61-72.	1.8	17
93	Implementing Disaster Policy: Exploring Scale and Measurement Schemes for Disaster Resilience. <i>Journal of Homeland Security and Emergency Management</i> , 2019, 16, .	0.2	17
94	Vulnerability Science: Models, Methods, and Indicators. <i>Revista Critica De Ciencias Sociais</i> , 2011, , 59-69.	0.0	17
95	Public orders and personal opinions: household strategies for hurricane risk assessment. <i>Environmental Hazards</i> , 2001, 2, 143-155.	1.4	16
96	SPATIAL PATTERNS OF SUPPORT FOR A NUCLEAR WEAPONS FREEZEâ€“â€“. <i>Professional Geographer</i> , 1986, 38, 42-52.	1.0	15
97	CHEMICAL HAZARDS IN URBAN AMERICA. <i>Urban Geography</i> , 1991, 12, 417-430.	1.7	15
98	Evacuation Departure Timing during Hurricane Matthew. <i>Weather, Climate, and Society</i> , 2020, 12, 235-248.	0.5	14
99	Throwaway societies: a field survey of the quantity, nature and distribution of litter in New Jersey. <i>Applied Geography</i> , 1991, 11, 125-141.	1.7	13
100	Vulnerability of populations exposed to seismic risk in the state of Oklahoma. <i>Applied Geography</i> , 2020, 124, 102295.	1.7	13
101	Social distance integrated gravity model for evacuation destination choice. <i>International Journal of Digital Earth</i> , 0, , 1-15.	1.6	13
102	Airborne Toxic Releases: Are Communities Prepared?. <i>Environment</i> , 1987, 29, 12-31.	0.8	12
103	Geographers and Nuclear War: Why We Lack Influence on Public Policy. <i>Annals of the American Association of Geographers</i> , 1988, 78, 132-143.	3.0	12
104	The Perilous Nature of Food Supplies: Natural Hazards, Social Vulnerability, and Disaster Resilience. <i>Environment</i> , 2017, 59, 4-15.	0.8	12
105	Remote Sensing Derived Indices for Tracking Urban Land Surface Change in Case of Earthquake Recovery. <i>Remote Sensing</i> , 2020, 12, 895.	1.8	12
106	Risk cognition and the public: The case of Three Mile Island. <i>Environmental Management</i> , 1984, 8, 15-20.	1.2	11
107	Using Relative Risk Indicators to Disclose Toxic Hazard Information to Communities. <i>Cartography and Geographic Information Science</i> , 1997, 24, 158-171.	1.1	11
108	Toward a comprehensive loss inventory of weather and climate hazards. , 2008, , 279-295.		11

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109	Social Science Perspectives on Hazards and Vulnerability Science. , 2009, , 17-30.		11
110	Emergency preparedness and planning for nuclear power plant accidents. Applied Geography, 1984, 4, 235-245.	1.7	10
111	Trends In U.S. Hazardous Materials Transportation Spills. Professional Geographer, 1997, 49, 318-331.	1.0	10
112	Developing a Digital Atlas of Environmental Risks and Hazards. Journal of Geography, 1999, 98, 201-207.	1.8	10
113	The Changing Context of Hazard Extremes: Events, Impacts, and Consequences. Journal of Extreme Events, 2016, 03, 1671005.	1.2	10
114	GIS and Emergency Management. , 0, , 321-343.		8
115	Building a 21st-century infrastructure for the social sciences. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15855-15856.	3.3	7
116	Autologistic Models for Benchmark Risk or Vulnerability Assessment of Urban Terrorism Outcomes. Journal of the Royal Statistical Society Series A: Statistics in Society, 2018, 181, 803-823.	0.6	7
117	Urban Risks and Resilience. Urban Book Series, 2021, , 197-211.	0.3	7
118	Recommendations for Interdisciplinary Study of Tipping Points in Natural and Social Systems. Eos, 2010, 91, 143-144.	0.1	6
119	Rio + 20: An Endangered Species?. Environment, 2012, 54, 44-51.	0.8	6
120	From grass roots to partisan politics: nuclear freeze referenda in New Jersey and South Dakota. Political Geography Quarterly, 1987, 6, 287-300.	0.7	5
121	Improving the Nation's Resilience to Disasters. Eos, 2013, 94, 89-89.	0.1	5
122	Resettlement capacity assessments for climate induced displacements: Evidence from Ethiopia. Climate Risk Management, 2021, 33, 100347.	1.6	5
123	Prisoners of Scale: Downscaling Community Resilience Measurements for Enhanced Use. Sustainability, 2022, 14, 6927.	1.6	5
124	Living in the Nuclear Age: Teaching About Nuclear War and Peace. Journal of Geography, 1987, 86, 114-120.	1.8	4
125	Hazards Measurement. , 2005, , 197-202.		4
126	Conceptualizing a probabilistic risk and loss assessment framework for wildfires. Natural Hazards, 2022, 114, 1153-1169.	1.6	4

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127	Changes in Interstate Rankings 1931-1980. <i>Geographical Review</i> , 1986, 76, 276.	0.9	3
128	Celebrating 50 Years. <i>Environment</i> , 2008, 50, C2-C2.	0.8	3
129	What Makes Events Extreme?. <i>Journal of Extreme Events</i> , 2014, 01, 1402001.	1.2	3
130	Flood Hazards in the Central Valley of California. <i>Natural Hazards Review</i> , 2008, 9, 101-103.	0.8	2
131	Reflections on Gilbert F. White: Scholar, Advocate, Friend. <i>Environment</i> , 2019, 61, 4-21.	0.8	2
132	Vulnerability and Resilience Science: Concepts, Tools, and Practice. , 2022, , 213-231.		2
133	Book reviews : Bunge, W. 1988: Nuclear war atlas. Oxford: Basil Blackwell. xxviii + 204 pp. Â£9.95 paper. <i>Progress in Human Geography</i> , 1990, 14, 450-451.	3.3	1
134	<i>Response</i>. <i>Risk Analysis</i> , 2009, 29, 1201-1202.	1.5	1
135	Our Hazardous Environment: Four Decades of Progress or Retrenchment?. <i>Environment</i> , 2016, 58, 2-4.	0.8	1
136	Zero Tolerance, Zero-Order Responders. <i>Environment</i> , 2018, 60, 2-3.	0.8	1
137	From terrorism to flooding: How vulnerable is your city?. <i>Significance</i> , 2021, 18, 20-25.	0.3	1
138	Nature and the Rivers of Life: William L. Graf, 1947â€“2019. <i>Annals of the American Association of Geographers</i> , 0, , 1-7.	1.5	1
139	Vulnerability and Impacts on Human Development. , 2012, , 66-97.		1
140	Editorial: Paths of Transition/TOC/Contributes. <i>Environment</i> , 2009, 51, 1-3.	0.8	0
141	EDITORIAL: Preparing for the Worst, Hoping for the Best. <i>Environment</i> , 2012, 54, 2-3.	0.8	0
142	EDITORIAL: Falling off the Cliff Into the Rising Tides: Regaining Resilience. <i>Environment</i> , 2013, 55, 2-2.	0.8	0
143	Remembering the Coast: The Road to Camille. , 0, , 15-38.		0
144	The Forgotten Coast. , 0, , 1-14.		0

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145	The Second Big One. , 0, , 39-63.		0
146	Uneven Recovery. , 0, , 64-89.		0
147	Powering an Unequal Recovery. , 0, , 90-113.		0
148	Slow Going for Neighborhoods. , 0, , 114-140.		0
149	Recovery Divides in a Changing World. , 0, , 164-186.		0
150	Holand, Ivar Svare. 2014. <i>Adaptation of Social Vulnerability Indicators to Context</i>. Norsk Geografisk Tidsskrift, 2015, 69, 178-179.	0.3	0
151	The Precarious Nature of Food. Environment, 2015, 57, 2-3.	0.8	0
152	Preparing for Sustainability Through Messy Predicting. Environment, 2015, 57, 2-3.	0.8	0
153	Reframing Sustainability in the Emergent Age. Environment, 2020, 62, 2-7.	0.8	0
154	Adjusting statistical benchmark risk analysis to account for non-spatial autocorrelation, with application to natural hazard risk assessment. Journal of Applied Statistics, 0, , 1-21.	0.6	0