Susan L Cutter

List of Publications by Year
in descending order

154 papers	21,471 citations	28274 55 h-index	11308 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.	1.6	3,713
2	A place-based model for understanding community resilience to natural disasters. Global Environmental Change, 2008, 18, 598-606.	7.8	2,760
3	Vulnerability to environmental hazards. Progress in Human Geography, 1996, 20, 529-539.	5.6	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.	7.1	916
6	Disaster Resilience Indicators for Benchmarking Baseline Conditions. Journal of Homeland Security and Emergency Management, 2010, 7, .	0.5	792
7	The geographies of community disaster resilience. Global Environmental Change, 2014, 29, 65-77.	7.8	672
8	The landscape of disaster resilience indicators in the USA. Natural Hazards, 2016, 80, 741-758.	3.4	468
9	Monitoring and Understanding Trends in Extreme Storms: State of Knowledge. Bulletin of the American Meteorological Society, 2013, 94, 499-514.	3.3	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.	1.6	330
12	Integrating human behaviour dynamics into flood disaster risk assessment. Nature Climate Change, 2018, 8, 193-199.	18.8	327
13	Disaster disparities and differential recovery in New Orleans. Population and Environment, 2010, 31, 179-202.	3.0	319
14	Crying wolf: Repeat responses to hurricane evacuation orders. Coastal Management, 1998, 26, 237-252.	2.0	318
15	Erosion Hazard Vulnerability of US Coastal Counties. Journal of Coastal Research, 2005, 215, 932-942.	0.3	303
16	A Sensitivity Analysis of the Social Vulnerability Index. Risk Analysis, 2008, 28, 1099-1114.	2.7	292
17	Emerging Hurricane Evacuation Issues: Hurricane Floyd and South Carolina. Natural Hazards Review, 2002, 3, 12-18.	1.5	224
18	Resilience to What? Resilience for Whom?. Geographical Journal, 2016, 182, 110-113.	3.1	223

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19	When Do Losses Count?. Bulletin of the American Meteorological Society, 2009, 90, 799-810.	3.3	212
20	GI Science, Disasters, and Emergency Management. Transactions in GIS, 2003, 7, 439-446.	2.3	208
21	Disaster Resilience: A National Imperative. Environment, 2013, 55, 25-29.	1.4	195
22	Measuring social vulnerability to natural hazards in the Yangtze River Delta region, China. International Journal of Disaster Risk Science, 2013, 4, 169-181.	2.9	193
23	Community variations in social vulnerability to Cascadia-related tsunamis in the U.S. Pacific Northwest. Natural Hazards, 2010, 52, 369-389.	3.4	184
24	The Role of Geographic Scale in Monitoring Environmental Justice. Risk Analysis, 1996, 16, 517-526.	2.7	177
25	Social Vulnerability to Natural Hazards in Brazil. International Journal of Disaster Risk Science, 2016, 7, 111-122.	2.9	177
26	Social Vulnerability to Climate-Sensitive Hazards in the Southern United States. Weather, Climate, and Society, 2011, 3, 193-208.	1.1	172
27	Spatial patterns of natural hazards mortality in the United States. International Journal of Health Geographics, 2008, 7, 64.	2.5	157
28	Urbanâ€"Rural Differences in Disaster Resilience. Annals of the American Association of Geographers, 2016, 106, 1236-1252.	2.2	154
29	Levee Failures and Social Vulnerability in the Sacramento-San Joaquin Delta Area, California. Natural Hazards Review, 2008, 9, 136-149.	1.5	152
30	Global risks: Pool knowledge to stem losses from disasters. Nature, 2015, 522, 277-279.	27.8	148
31	Public orders and personal opinions: household strategies for hurricane risk assessment. Environmental Hazards, 2000, 2, 143-155.	0.3	132
32	The Unsustainable Trend of Natural Hazard Losses in the United States. Sustainability, 2011, 3, 2157-2181.	3.2	126
33	Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. Journal of Risk Research, 2015, 18, 651-674.	2.6	122
34	The Long Road Home: Race, Class, and Recovery from Hurricane Katrina. Environment, 2006, 48, 8-20.	1.4	121
35	Integrated research on disaster risk: Is it really integrated?. International Journal of Disaster Risk Reduction, 2015, 12, 255-267.	3.9	120
36	Leveraging Twitter to gauge evacuation compliance: Spatiotemporal analysis of Hurricane Matthew. PLoS ONE, 2017, 12, e0181701.	2.5	111

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37	Vulnerability of U.S. Cities to Environmental Hazards. Journal of Homeland Security and Emergency Management, 2007, 4, .	0.5	110
38	Integrating social vulnerability into federal flood risk management planning. Journal of Flood Risk Management, 2013, 6, 332-344.	3.3	107
39	Are natural hazards and disaster losses in the U.S. increasing?. Eos, 2005, 86, 381.	0.1	106
40	Hazards Vulnerability and Environmental Justice. , 0, , .		106
41	Evacuation behavior and Three Mile Island. Disasters, 1982, 6, 116-124.	2.2	100
42	Urban-rural differences in COVID-19 exposures and outcomes in the South: A preliminary analysis of South Carolina. PLoS ONE, 2021, 16, e0246548.	2.5	99
43	Modeled earthquake losses and social vulnerability in Charleston, South Carolina. Applied Geography, 2011, 31, 269-281.	3.7	96
44	Scenarios for vulnerability: opportunities and constraints in the context of climate change and disaster risk. Climatic Change, 2015, 133, 53-68.	3.6	96
45	Compound, Cascading, or Complex Disasters: What's in a Name?. Environment, 2018, 60, 16-25.	1.4	92
46	The Environmental Vulnerability of Caribbean Island Nations. Geographical Review, 2007, 97, 24-45.	1.8	87
47	The forgotten casualties redux: Women, children, and disaster risk. Global Environmental Change, 2017, 42, 117-121.	7.8	83
48	SETTING ENVIRONMENTAL JUSTICE IN SPACE AND PLACE: ACUTE AND CHRONIC AIRBORNE TOXIC RELEASES IN THE SOUTHEASTERN UNITED STATES. Urban Geography, 1996, 17, 380-399.	3.0	79
49	Tornado hazards in the United States. Climate Research, 2003, 24, 103-117.	1.1	77
50	Integrated Multihazard Mapping. Environment and Planning B: Planning and Design, 2010, 37, 646-663.	1.7	76
51	The Big Questions in Geography. Professional Geographer, 2002, 54, 305-317.	1.8	71
52	The forgotten casualties: women, children, and environmental change. Global Environmental Change, 1995, 5, 181-194.	7.8	68
53	Temporal and spatial change in disaster resilience in US counties, 2010â€“2015. Environmental Hazards, 2020, 19, 10-29.	2.5	64
54	SUBSIDIZED INEQUITIES: THE SPATIAL PATTERNING OF ENVIRONMENTAL RISKS AND FEDERALLY ASSISTED HOUSING. Urban Geography, 2001, 22, 29-53.	3.0	61

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55	Reframing disaster policy: the global evolution of vulnerable communities. Environmental Hazards, 1999, 1, 39-44.	0.3	59
56	En-gendered fears: femininity and technological risk perception. Industrial Crisis Quarterly, 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. Cartography and Geographic Information Science, 2010, 37, 57-68.	3.0	56
58	Forging a paradigm shift in disaster science. Natural Hazards, 2017, 86, 969-988.	3.4	56
59	Flash Flood Risk and the Paradox of Urban Development. Natural Hazards Review, 2018, 19, .	1.5	50
60	Evaluating postâ€Katrina recovery in Mississippi using repeat photography. Disasters, 2011, 35, 488-509.	2.2	49
61	Using geotagged tweets to track population movements to and from Puerto Rico after Hurricane Maria. Population and Environment, 2020, 42, 4-27.	3.0	48
62	Fleeing from the Hurricane's Wrath: Evacuation and the two Americas. Environment, 2009, 51, 26-36.	1.4	46
63	The U.S. Hurricane Coasts: Increasingly Vulnerable?. Environment, 2007, 49, 8-21.	1.4	45
64	Community Concern for Pollution. Environment and Behavior, 1981, 13, 105-124.	4.7	43
65	Societal responses to environmental hazards. International Social Science Journal, 1996, 48, 525-536.	1.6	43
66	Benchmark Analysis for Quantifying Urban Vulnerability to Terrorist Incidents. Risk Analysis, 2007, 27, 1411-1425.	2.7	42
67	Managing the Risks from Climate Extremes at the Local Level. , 2012, , 291-338.		40
68	Residential Satisfaction and the Suburban Homeowner. Urban Geography, 1982, 3, 315-327.	3.0	39
69	Bridging Twitter and Survey Data for Evacuation Assessment of Hurricane Matthew and Hurricane Irma. Natural Hazards Review, 2020, 21, .	1.5	37
70	THE NATIONAL PATTERN OF AIRBORNE TOXIC RELEASES. Professional Geographer, 1989, 41, 149-161.	1.8	36
71	Extreme Events, Critical Infrastructures, Human Vulnerability and Strategic Planning: Emerging Research Issues. Journal of Extreme Events, 2016, 03, 1650017.	1.1	35
72	Early Detection of Terrorism Outbreaks Using Prospective Spaceâ€"Time Scan Statistics. Professional Geographer, 2013, 65, 676-691.	1.8	33

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73	The Geography of U.S. Terrorist Incidents, 1970â€"2004. Terrorism and Political Violence, 2009, 21, 428-449.	2.0	32
74	Toward data-driven, dynamical complex systems approaches to disaster resilience. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	32
75	Assessing Flood Hazard Zones in the Absence of Digital Floodplain Maps: Comparison of Alternative Approaches. Natural Hazards Review, 2007, 8, 1-12.	1.5	30
76	Community resilience, natural hazards, and climate change: Is the present a prologue to the future?. Norsk Geografisk Tidsskrift, 2020, 74, 200-208.	0.7	30
77	Spatial accuracy of the EPA's environmental hazards databases and their use in environmental equity analyses. Applied Geographic Studies, 1997, 1, 45-61.	0.1	29
78	Disaster Declarations and Major Hazard Occurrences in the United Statesâˆ—. Professional Geographer, 2008, 60, 1-14.	1.8	29
79	Exposure, Social Vulnerability and Recovery Disparities in New Jersey after Hurricane Sandy. Journal of Extreme Events, 2014, 01, 1450002.	1.1	27
80	Spatial Disparities of COVID-19 Cases and Fatalities in United States Counties. International Journal of Environmental Research and Public Health, 2021, 18, 8259.	2.6	27
81	Integrated Hazards Mapping Tool. Transactions in GIS, 2011, 15, 689-706.	2.3	25
82	Social Network, Activity Space, Sentiment, and Evacuation: What Can Social Media Tell Us?. Annals of the American Association of Geographers, 2019, 109, 1795-1810.	2.2	25
83	Spatial Variability in Toxicity Indicators Used to Rank Chemical Risks. American Journal of Public Health, 2002, 92, 420-422.	2.7	24
84	Comparing index-based vulnerability assessments in the Mississippi Delta: Implications of contrasting theories, indicators, and aggregation methodologies. International Journal of Disaster Risk Reduction, 2019, 39, 101128.	3.9	23
85	Planning for Pet Evacuations during Disasters. Journal of Homeland Security and Emergency Management, 2008, 5, .	0.5	22
86	Hurricane Katrina storm surge delineation: implications for future storm surge forecasts and warnings. Natural Hazards, 2010, 54, 519-536.	3.4	22
87	Sendai targets at risk. Nature Climate Change, 2015, 5, 707-709.	18.8	22
88	Stay or Go? Examining Decision Making and Behavior in Hurricane Evacuations. Environment, 2015, 57, 28-41.	1.4	22
89	Now is the Time for Action: Transitions and Tipping Points in Complex Environmental Systems. Environment, 2010, 52, 38-45.	1.4	20
90	The Changing Nature of Hazard and Disaster Risk in the Anthropocene. Annals of the American Association of Geographers, 2021, 111, 819-827.	2.2	20

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91	Development of an online hazards atlas to improve disaster awareness. International Research in Geographical and Environmental Education, 2011, 20, 297-308.	1.6	19
92	Acceptable losses? The relative impacts of natural hazards in the United States, 1980â€"2009. International Journal of Disaster Risk Reduction, 2013, 5, 61-72.	3.9	17
93	Implementing Disaster Policy: Exploring Scale and Measurement Schemes for Disaster Resilience. Journal of Homeland Security and Emergency Management, 2019, 16, .	0.5	17
94	Vulnerability Science: Models, Methods, and Indicators. Revista Critica De Ciencias Sociais, 2011, , 59-69.	0.1	17
95	Public orders and personal opinions: household strategies for hurricane risk assessment. Environmental Hazards, 2001, 2, 143-155.	2.5	16
96	SPATIAL PATTERNS OF SUPPORT FOR A NUCLEAR WEAPONS FREEZEâˆ—. Professional Geographer, 1986, 38, 42-52.	1.8	15
97	CHEMICAL HAZARDS IN URBAN AMERICA. Urban Geography, 1991, 12, 417-430.	3.0	15
98	Evacuation Departure Timing during Hurricane Matthew. Weather, Climate, and Society, 2020, 12, 235-248.	1.1	14
99	Throwaway societies: a field survey of the quantity, nature and distribution of litter in New Jersey. Applied Geography, 1991, 11, 125-141.	3.7	13
100	Vulnerability of populations exposed to seismic risk in the state of Oklahoma. Applied Geography, 2020, 124, 102295.	3.7	13
101	Social distance integrated gravity model for evacuation destination choice. International Journal of Digital Earth, 0, , 1-15.	3.9	13
102	Airborne Toxic Releases: Are Communities Prepared?. Environment, 1987, 29, 12-31.	1.4	12
103	Geographers and Nuclear War: Why We Lack Influence on Public Policy. Annals of the American Association of Geographers, 1988, 78, 132-143.	3.0	12
104	The Perilous Nature of Food Supplies: Natural Hazards, Social Vulnerability, and Disaster Resilience. Environment, 2017, 59, 4-15.	1.4	12
105	Remote Sensing Derived Indices for Tracking Urban Land Surface Change in Case of Earthquake Recovery. Remote Sensing, 2020, 12, 895.	4.0	12
106	Risk cognition and the public: The case of Three Mile Island. Environmental Management, 1984, 8, 15-20.	2.7	11
107	Using Relative Risk Indicators to Disclose Toxic Hazard Information to Communities. Cartography and Geographic Information Science, 1997, 24, 158-171.	1.0	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.	3.7	10
111	Trends In U.S. Hazardous Materials Transportation Spills. Professional Geographer, 1997, 49, 318-331.	1.8	10
112	Developing a Digital Atlas of Environmental Risks and Hazards. Journal of Geography, 1999, 98, 201-207.	1.5	10
113	The Changing Context of Hazard Extremes: Events, Impacts, and Consequences. Journal of Extreme Events, 2016, 03, 1671005.	1.1	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.	7.1	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.	1.1	7
117	Urban Risks and Resilience. Urban Book Series, 2021, , 197-211.	0.6	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.	1.4	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.	3.2	5
123	Prisoners of Scale: Downscaling Community Resilience Measurements for Enhanced Use. Sustainability, 2022, 14, 6927.	3.2	5
124	Living in the Nuclear Age: Teaching About Nuclear War and Peace. Journal of Geography, 1987, 86, 114-120.	1.5	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.	3.4	4

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127	Changes in Interstate Rankings 1931-1980. Geographical Review, 1986, 76, 276.	1.8	3
128	Celebrating 50 Years. Environment, 2008, 50, C2-C2.	1.4	3
129	What Makes Events Extreme?. Journal of Extreme Events, 2014, 01, 1402001.	1.1	3
130	Flood Hazards in the Central Valley of California. Natural Hazards Review, 2008, 9, 101-103.	1.5	2
131	Reflections on Gilbert F. White: Scholar, Advocate, Friend. Environment, 2019, 61, 4-21.	1.4	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. Progress in Human Geography, 1990, 14, 450-451.	5.6	1
134	Response. Risk Analysis, 2009, 29, 1201-1202.	2.7	1
135	Our Hazardous Environment: Four Decades of Progress or Retrenchment?. Environment, 2016, 58, 2-4.	1.4	1
136	Zero Tolerance, Zero-Order Responders. Environment, 2018, 60, 2-3.	1.4	1
137	From terrorism to flooding: How vulnerable is your city?. Significance, 2021, 18, 20-25.	0.4	1
138	Nature and the Rivers of Life: William L. Graf, 1947â€“2019. Annals of the American Association of Geographers, 0, , 1-7.	2.2	1
139	Vulnerability and Impacts on Human Development. , 2012, , 66-97.		1
140	Editorial: Paths of Transition/TOC/Contributes. Environment, 2009, 51, 1-3.	1.4	0
141	EDITORIAL: Preparing for the Worst, Hoping for the Best. Environment, 2012, 54, 2-3.	1.4	0
142	EDITORIAL: Falling off the Cliff Into the Rising Tides: Regaining Resilience. Environment, 2013, 55, 2-2.	1.4	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.Adaptation of Social Vulnerability Indicators to Context. Norsk Geografisk Tidsskrift, 2015, 69, 178-179.	0.7	0
151	The Precarious Nature of Food. Environment, 2015, 57, 2-3.	1.4	0
152	Preparing for Sustainability Through Messy Predicting. Environment, 2015, 57, 2-3.	1.4	0
153	Reframing Sustainability in the Emergent Age. Environment, 2020, 62, 2-7.	1.4	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.	1.3	0