

# Susan L Cutter

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140  
papers

15,757  
citations

51  
h-index

125  
g-index

166  
ext. papers

18,215  
ext. citations

3.8  
avg, IF

7.2  
L-index

#	Paper	IF	Citations
140	Social Vulnerability to Environmental Hazards*. <i>Social Science Quarterly</i> , <b>2003</b> , 84, 242-261	1.4	2699
139	A place-based model for understanding community resilience to natural disasters. <i>Global Environmental Change</i> , <b>2008</b> , 18, 598-606	10.1	2048
138	Vulnerability to environmental hazards. <i>Progress in Human Geography</i> , <b>1996</b> , 20, 529-539	5.3	1131
137	Revealing the Vulnerability of People and Places: A Case Study of Georgetown County, South Carolina. <i>Annals of the American Association of Geographers</i> , <b>2000</b> , 90, 713-737		767
136	Temporal and spatial changes in social vulnerability to natural hazards. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2301-6	11.5	674
135	Disaster Resilience Indicators for Benchmarking Baseline Conditions. <i>Journal of Homeland Security and Emergency Management</i> , <b>2010</b> , 7,	1.2	583
134	The geographies of community disaster resilience. <i>Global Environmental Change</i> , <b>2014</b> , 29, 65-77	10.1	471
133	Monitoring and Understanding Trends in Extreme Storms: State of Knowledge. <i>Bulletin of the American Meteorological Society</i> , <b>2013</b> , 94, 499-514	6.1	350
132	The landscape of disaster resilience indicators in the USA. <i>Natural Hazards</i> , <b>2016</b> , 80, 741-758	3	339
131	The Vulnerability of Science and the Science of Vulnerability. <i>Annals of the American Association of Geographers</i> , <b>2003</b> , 93, 1-12		270
130	Crying wolf: Repeat responses to hurricane evacuation orders. <i>Coastal Management</i> , <b>1998</b> , 26, 237-252	3.3	260
129	Moral Hazard, Social Catastrophe: The Changing Face of Vulnerability along the Hurricane Coasts. <i>Annals of the American Academy of Political and Social Science</i> , <b>2006</b> , 604, 102-112	2.8	254
128	Erosion Hazard Vulnerability of US Coastal Counties. <i>Journal of Coastal Research</i> , <b>2005</b> , 215, 932-942	0.6	241
127	Disaster disparities and differential recovery in New Orleans. <i>Population and Environment</i> , <b>2010</b> , 31, 179-202		234
126	A sensitivity analysis of the social vulnerability index. <i>Risk Analysis</i> , <b>2008</b> , 28, 1099-114	3.9	215
125	Integrating human behaviour dynamics into flood disaster risk assessment. <i>Nature Climate Change</i> , <b>2018</b> , 8, 193-199	21.4	186
124	Emerging Hurricane Evacuation Issues: Hurricane Floyd and South Carolina. <i>Natural Hazards Review</i> , <b>2002</b> , 3, 12-18	3.5	173

123	GI Science, Disasters, and Emergency Management. <i>Transactions in GIS</i> , <b>2003</b> , 7, 439-446	2.1	168
122	When Do Losses Count?. <i>Bulletin of the American Meteorological Society</i> , <b>2009</b> , 90, 799-810	6.1	162
121	Resilience to What? Resilience for Whom?. <i>Geographical Journal</i> , <b>2016</b> , 182, 110-113	2.2	152
120	The Role of Geographic Scale in Monitoring Environmental Justice. <i>Risk Analysis</i> , <b>1996</b> , 16, 517-526	3.9	150
119	Community variations in social vulnerability to Cascadia-related tsunamis in the U.S. Pacific Northwest. <i>Natural Hazards</i> , <b>2010</b> , 52, 369-389	3	146
118	Measuring social vulnerability to natural hazards in the Yangtze River Delta region, China. <i>International Journal of Disaster Risk Science</i> , <b>2013</b> , 4, 169-181	4.6	135
117	Disaster Resilience: A National Imperative. <i>Environment</i> , <b>2013</b> , 55, 25-29	2.8	134
116	Spatial patterns of natural hazards mortality in the United States. <i>International Journal of Health Geographics</i> , <b>2008</b> , 7, 64	3.5	127
115	Social Vulnerability to Climate-Sensitive Hazards in the Southern United States. <i>Weather, Climate, and Society</i> , <b>2011</b> , 3, 193-208	2.3	124
114	Levee Failures and Social Vulnerability in the Sacramento-San Joaquin Delta Area, California. <i>Natural Hazards Review</i> , <b>2008</b> , 9, 136-149	3.5	121
113	Global risks: Pool knowledge to stem losses from disasters. <i>Nature</i> , <b>2015</b> , 522, 277-9	50.4	120
112	Social Vulnerability to Natural Hazards in Brazil. <i>International Journal of Disaster Risk Science</i> , <b>2016</b> , 7, 111-122	4.6	117
111	Public orders and personal opinions: household strategies for hurricane risk assessment. <i>Environmental Hazards</i> , <b>2000</b> , 2, 143-155		108
110	UrbanRural Differences in Disaster Resilience. <i>Annals of the American Association of Geographers</i> , <b>2016</b> , 106, 1236-1252	2.6	100
109	The Unsustainable Trend of Natural Hazard Losses in the United States. <i>Sustainability</i> , <b>2011</b> , 3, 2157-2183	3.6	99
108	Vulnerability of U.S. Cities to Environmental Hazards. <i>Journal of Homeland Security and Emergency Management</i> , <b>2007</b> , 4,	1.2	85
107	The Long Road Home: Race, Class, and Recovery from Hurricane Katrina. <i>Environment</i> , <b>2006</b> , 48, 8-20	2.8	85
106	Integrated research on disaster risk: Is it really integrated?. <i>International Journal of Disaster Risk Reduction</i> , <b>2015</b> , 12, 255-267	4.5	84

105	Are natural hazards and disaster losses in the U.S. increasing?. <i>Eos</i> , <b>2005</b> , 86, 381	1.5	82
104	Evacuation behavior and Three Mile Island. <i>Disasters</i> , <b>1982</b> , 6, 116-24	2.8	80
103	Leveraging Twitter to gauge evacuation compliance: Spatiotemporal analysis of Hurricane Matthew. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181701	3.7	79
102	Modeled earthquake losses and social vulnerability in Charleston, South Carolina. <i>Applied Geography</i> , <b>2011</b> , 31, 269-281	4.4	76
101	Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. <i>Journal of Risk Research</i> , <b>2015</b> , 18, 651-674	4.2	75
100	Scenarios for vulnerability: opportunities and constraints in the context of climate change and disaster risk. <i>Climatic Change</i> , <b>2015</b> , 133, 53-68	4.5	72
99	The Environmental Vulnerability of Caribbean Island Nations*. <i>Geographical Review</i> , <b>2007</b> , 97, 24-45	1.2	69
98	Integrating social vulnerability into federal flood risk management planning. <i>Journal of Flood Risk Management</i> , <b>2013</b> , 6, 332-344	3.1	68
97	SETTING ENVIRONMENTAL JUSTICE IN SPACE AND PLACE: ACUTE AND CHRONIC AIRBORNE TOXIC RELEASES IN THE SOUTHEASTERN UNITED STATES. <i>Urban Geography</i> , <b>1996</b> , 17, 380-399	2.4	65
96	The forgotten casualties redux: Women, children, and disaster risk. <i>Global Environmental Change</i> , <b>2017</b> , 42, 117-121	10.1	64
95	Integrated Multihazard Mapping. <i>Environment and Planning B: Planning and Design</i> , <b>2010</b> , 37, 646-663		64
94	Tornado hazards in the United States. <i>Climate Research</i> , <b>2003</b> , 24, 103-117	1.6	62
93	SUBSIDIZED INEQUITIES: THE SPATIAL PATTERNING OF ENVIRONMENTAL RISKS AND FEDERALLY ASSISTED HOUSING. <i>Urban Geography</i> , <b>2001</b> , 22, 29-53	2.4	53
92	The forgotten casualties: women, children, and environmental change. <i>Global Environmental Change</i> , <b>1995</b> , 5, 181-94	10.1	53
91	The Big Questions in Geography. <i>Professional Geographer</i> , <b>2002</b> , 54, 305-317	1.7	52
90	En-gendered fears: femininity and technological risk perception. <i>Industrial Crisis Quarterly</i> , <b>1992</b> , 6, 5-22		48
89	Compound, Cascading, or Complex Disasters: What's in a Name?. <i>Environment</i> , <b>2018</b> , 60, 16-25	2.8	47
88	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> , <b>2010</b> , 37, 57-68 <sup>2.1</sup>		44

87	Reframing disaster policy: the global evolution of vulnerable communities. <i>Environmental Hazards</i> , <b>1999</b> , 1, 39-44		44
86	Hazards Vulnerability and Environmental Justice		41
85	Fleeing from the Hurricane Wrath: Evacuation and the two Americas. <i>Environment</i> , <b>2009</b> , 51, 26-36	2.8	38
84	Benchmark analysis for quantifying urban vulnerability to terrorist incidents. <i>Risk Analysis</i> , <b>2007</b> , 27, 1413-15	3.5	38
83	The U.S. Hurricane Coasts: Increasingly Vulnerable?. <i>Environment</i> , <b>2007</b> , 49, 8-21	2.8	37
82	Temporal and spatial change in disaster resilience in US counties, 2010-2015** Data are available on the Hazards & Vulnerability Research Institute (HVRI) website: <a href="http://artsandsciences.sc.edu/geog/hvri/hvri-resources">http://artsandsciences.sc.edu/geog/hvri/hvri-resources</a> . View all notes. <i>Environmental Hazards</i> , <b>2020</b> , 19, 18-29	4.2	36
81	Forging a paradigm shift in disaster science. <i>Natural Hazards</i> , <b>2017</b> , 86, 969-988	3	35
80	Evaluating post-Katrina recovery in Mississippi using repeat photography. <i>Disasters</i> , <b>2011</b> , 35, 488-509	2.8	35
79	Residential Satisfaction and the Suburban Homeowner. <i>Urban Geography</i> , <b>1982</b> , 3, 315-327	2.4	35
78	Flash Flood Risk and the Paradox of Urban Development. <i>Natural Hazards Review</i> , <b>2018</b> , 19, 05017005	3.5	34
77	Societal responses to environmental hazards. <i>International Social Science Journal</i> , <b>1996</b> , 48, 525-536	0.7	34
76	Community Concern for Pollution: Social and Environmental Influences. <i>Environment and Behavior</i> , <b>1981</b> , 13, 105-124	5.6	32
75	THE NATIONAL PATTERN OF AIRBORNE TOXIC RELEASES. <i>Professional Geographer</i> , <b>1989</b> , 41, 149-161	1.7	31
74	Urban-rural differences in COVID-19 exposures and outcomes in the South: A preliminary analysis of South Carolina. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246548	3.7	28
73	Assessing Flood Hazard Zones in the Absence of Digital Floodplain Maps: Comparison of Alternative Approaches. <i>Natural Hazards Review</i> , <b>2007</b> , 8, 1-12	3.5	27
72	Hurricane Katrina and the Forgotten Coast of Mississippi <b>2014</b> ,		27
71	Early Detection of Terrorism Outbreaks Using Prospective Space-Time Scan Statistics. <i>Professional Geographer</i> , <b>2013</b> , 65, 676-691	1.7	26
70	Managing the Risks from Climate Extremes at the Local Level 291-338		24

69	The Geography of U.S. Terrorist Incidents, 1970-2004. <i>Terrorism and Political Violence</i> , <b>2009</b> , 21, 428-449	1.2	24
68	Disaster Declarations and Major Hazard Occurrences in the United States*View all notes. <i>Professional Geographer</i> , <b>2008</b> , 60, 1-14	1.7	24
67	Integrated Hazards Mapping Tool. <i>Transactions in GIS</i> , <b>2011</b> , 15, 689-706	2.1	23
66	Bridging Twitter and Survey Data for Evacuation Assessment of Hurricane Matthew and Hurricane Irma. <i>Natural Hazards Review</i> , <b>2020</b> , 21, 04020003	3.5	23
65	Spatial accuracy of the EPA's environmental hazards databases and their use in environmental equity analyses. <i>Applied Geographic Studies</i> , <b>1997</b> , 1, 45-61		22
64	Using geotagged tweets to track population movements to and from Puerto Rico after Hurricane Maria. <i>Population and Environment</i> , <b>2020</b> , 42, 4-27	4	20
63	Exposure, Social Vulnerability and Recovery Disparities in New Jersey after Hurricane Sandy. <i>Journal of Extreme Events</i> , <b>2014</b> , 01, 1450002	1	19
62	Spatial variability in toxicity indicators used to rank chemical risks. <i>American Journal of Public Health</i> , <b>2002</b> , 92, 420-2	5.1	19
61	Social Network, Activity Space, Sentiment, and Evacuation: What Can Social Media Tell Us?. <i>Annals of the American Association of Geographers</i> , <b>2019</b> , 109, 1795-1810	2.6	18
60	Stay or Go? Examining Decision Making and Behavior in Hurricane Evacuations. <i>Environment</i> , <b>2015</b> , 57, 28-41	2.8	18
59	Now is the Time for Action: Transitions and Tipping Points in Complex Environmental Systems. <i>Environment</i> , <b>2010</b> , 52, 38-45	2.8	18
58	Planning for Pet Evacuations during Disasters. <i>Journal of Homeland Security and Emergency Management</i> , <b>2008</b> , 5,	1.2	18
57	Extreme Events, Critical Infrastructures, Human Vulnerability and Strategic Planning: Emerging Research Issues. <i>Journal of Extreme Events</i> , <b>2016</b> , 03, 1650017	1	18
56	Hurricane Katrina storm surge delineation: implications for future storm surge forecasts and warnings. <i>Natural Hazards</i> , <b>2010</b> , 54, 519-536	3	17
55	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> , <b>2019</b> , 39, 101128	4.5	16
54	Development of an online hazards atlas to improve disaster awareness. <i>International Research in Geographical and Environmental Education</i> , <b>2011</b> , 20, 297-308	1.7	15
53	Public orders and personal opinions: household strategies for hurricane risk assessment. <i>Environmental Hazards</i> , <b>2001</b> , 2, 143-155	4.2	15
52	SPATIAL PATTERNS OF SUPPORT FOR A NUCLEAR WEAPONS FREEZE* *;We would like to thank Donald J. Zeigler and the editor for their helpful comments on an earlier draft of this paper and Enid Lotstein for assistance in the data analysis.. <i>Professional Geographer</i> , <b>1986</b> , 38, 42-52	1.7	15

51	Acceptable losses? The relative impacts of natural hazards in the United States, 1980-2009. <i>International Journal of Disaster Risk Reduction</i> , <b>2013</b> , 5, 61-72	4.5	14
50	Implementing Disaster Policy: Exploring Scale and Measurement Schemes for Disaster Resilience. <i>Journal of Homeland Security and Emergency Management</i> , <b>2019</b> , 16,	1.2	10
49	Using Relative Risk Indicators to Disclose Toxic Hazard Information to Communities. <i>Cartography and Geographic Information Science</i> , <b>1997</b> , 24, 158-171		10
48	CHEMICAL HAZARDS IN URBAN AMERICA. <i>Urban Geography</i> , <b>1991</b> , 12, 417-430	2.4	10
47	Vulnerability of populations exposed to seismic risk in the state of Oklahoma. <i>Applied Geography</i> , <b>2020</b> , 124, 102295	4.4	10
46	Evacuation Departure Timing during Hurricane Matthew. <i>Weather, Climate, and Society</i> , <b>2020</b> , 12, 235-248	3.3	9
45	Airborne Toxic Releases: Are Communities Prepared?. <i>Environment</i> , <b>1987</b> , 29, 12-31	2.8	9
44	Geographers and Nuclear War: Why We Lack Influence on Public Policy. <i>Annals of the American Association of Geographers</i> , <b>1988</b> , 78, 132-143		9
43	Remote Sensing Derived Indices for Tracking Urban Land Surface Change in Case of Earthquake Recovery. <i>Remote Sensing</i> , <b>2020</b> , 12, 895	5	8
42	Risk cognition and the public: The case of Three Mile Island. <i>Environmental Management</i> , <b>1984</b> , 8, 15-20	3.1	8
41	Social Science Perspectives on Hazards and Vulnerability Science <b>2009</b> , 17-30		8
40	Community resilience, natural hazards, and climate change: Is the present a prologue to the future?. <i>Norsk Geografisk Tidsskrift</i> , <b>2020</b> , 74, 200-208	0.9	8
39	The Perilous Nature of Food Supplies: Natural Hazards, Social Vulnerability, and Disaster Resilience. <i>Environment</i> , <b>2017</b> , 59, 4-15	2.8	7
38	The Changing Context of Hazard Extremes: Events, Impacts, and Consequences. <i>Journal of Extreme Events</i> , <b>2016</b> , 03, 1671005	1	7
37	Opinion: Building a 21st-century infrastructure for the social sciences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 15855-6	11.5	7
36	Trends In U.S. Hazardous Materials Transportation Spills. <i>Professional Geographer</i> , <b>1997</b> , 49, 318-331	1.7	7
35	Toward a comprehensive loss inventory of weather and climate hazards		7
34	Emergency preparedness and planning for nuclear power plant accidents. <i>Applied Geography</i> , <b>1984</b> , 4, 235-245	4.4	7

33	GIS and Emergency Management	321-343		7
32	The Changing Nature of Hazard and Disaster Risk in the Anthropocene. <i>Annals of the American Association of Geographers</i> , <b>2021</b> , 111, 819-827		2.6	7
31	Rio + 20: An Endangered Species?. <i>Environment</i> , <b>2012</b> , 54, 44-51		2.8	6
30	Throwaway societies: a field survey of the quantity, nature and distribution of litter in New Jersey. <i>Applied Geography</i> , <b>1991</b> , 11, 125-141		4.4	6
29	A ciência da vulnerabilidade: modelos, métodos e indicadores. <i>Revista Critica De Ciencias Sociais</i> , <b>2011</b> , 59-69		0.3	6
28	Autologistic models for benchmark risk or vulnerability assessment of urban terrorism outcomes. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , <b>2018</b> , 181, 803-823		2.1	5
27	Recommendations for Interdisciplinary Study of Tipping Points in Natural and Social Systems. <i>Eos</i> , <b>2010</b> , 91, 143-144		1.5	5
26	Developing a Digital Atlas of Environmental Risks and Hazards. <i>Journal of Geography</i> , <b>1999</b> , 98, 201-207		1.5	5
25	From grass roots to partisan politics: nuclear freeze referenda in New Jersey and South Dakota. <i>Political Geography Quarterly</i> , <b>1987</b> , 6, 287-300			5
24	Social distance integrated gravity model for evacuation destination choice. <i>International Journal of Digital Earth</i> , 1-15		3.9	5
23	Improving the Nation's Resilience to Disasters. <i>Eos</i> , <b>2013</b> , 94, 89-89		1.5	4
22	Living in the Nuclear Age: Teaching About Nuclear War and Peace. <i>Journal of Geography</i> , <b>1987</b> , 86, 114-120			4
21	Introduction: History and Motivation. <i>Annals of the American Academy of Political and Social Science</i> , <b>2017</b> , 669, 6-17		2.8	3
20	What Makes Events Extreme?. <i>Journal of Extreme Events</i> , <b>2014</b> , 01, 1402001		1	3
19	Hazards Measurement	<b>2005</b> , 197-202		3
18	Reflections on Gilbert F. White: Scholar, Advocate, Friend. <i>Environment</i> , <b>2019</b> , 61, 4-21		2.8	2
17	Flood Hazards in the Central Valley of California. <i>Natural Hazards Review</i> , <b>2008</b> , 9, 101-103		3.5	1
16	Book reviews : Bunge, W. 1988: Nuclear war atlas. Oxford: Basil Blackwell. xxviii + 204 pp. £9.95 paper. <i>Progress in Human Geography</i> , <b>1990</b> , 14, 450-451		5.3	1



15	Vulnerability and Impacts on Human Development <b>2012</b> , 66-97		1
14	Nature and the Rivers of Life: William L. Graf, 1947-2019. <i>Annals of the American Association of Geographers</i> , 1-7	2.6	1
13	Urban Risks and Resilience. <i>Urban Book Series</i> , <b>2021</b> , 197-211	0.3	1
12	Resettlement capacity assessments for climate induced displacements: Evidence from Ethiopia. <i>Climate Risk Management</i> , <b>2021</b> , 33, 100347	4.6	1
11	From terrorism to flooding: How vulnerable is your city?. <i>Significance</i> , <b>2021</b> , 18, 20-25	0.5	0
10	Holand, Ivar Svare. 2014. Adaptation of Social Vulnerability Indicators to Context. <i>Norsk Geografisk Tidsskrift</i> , <b>2015</b> , 69, 178-179	0.9	
9	Remembering the Coast: The Road to Camille 15-38		
8	The Forgotten Coast 1-14		
7	The Second Big One 39-63		
6	Uneven Recovery 64-89		
5	Powering an Unequal Recovery 90-113		
4	Slow Going for Neighborhoods 114-140		
3	Recovery Divides in a Changing World 164-186		
2	Adjusting statistical benchmark risk analysis to account for non-spatial autocorrelation, with application to natural hazard risk assessment. <i>Journal of Applied Statistics</i> , 1-21		1
1	Vulnerability and Resilience Science: Concepts, Tools, and Practice <b>2022</b> , 213-231		