Susan L Cutter

List of Publications by Year in Descending Order

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	Vulnerability and Resilience Science: Concepts, Tools, and Practice **2022**, 213-231		
139	The Changing Nature of Hazard and Disaster Risk in the Anthropocene. *Annals of the American Association of Geographers*, **2021**, 111, 819-827	2.6	7
138	Urban Risks and Resilience. *Urban Book Series*, **2021**, 197-211	0.3	1
137	Resettlement capacity assessments for climate induced displacements: Evidence from Ethiopia. *Climate Risk Management*, **2021**, 33, 100347	4.6	1
136	From terrorism to flooding: How vulnerable is your city?. *Significance*, **2021**, 18, 20-25	0.5	0
135	Urban-rural differences in COVID-19 exposures and outcomes in the South: A preliminary analysis of South Carolina. *PLoS ONE*, **2021**, 16, e0246548	3.7	28
134	Evacuation Departure Timing during Hurricane Matthew. *Weather, Climate, and Society*, **2020**, 12, 235-248	2.3	9
133	Remote Sensing Derived Indices for Tracking Urban Land Surface Change in Case of Earthquake Recovery. *Remote Sensing*, **2020**, 12, 895	5	8
132	Using geotagged tweets to track population movements to and from Puerto Rico after Hurricane Maria. *Population and Environment*, **2020**, 42, 4-27	4	20
131	Bridging Twitter and Survey Data for Evacuation Assessment of Hurricane Matthew and Hurricane Irma. *Natural Hazards Review*, **2020**, 21, 04020003	3.5	23
130	Community resilience, natural hazards, and climate change: Is the present a prologue to the future?. *Norsk Geografisk Tidsskrift*, **2020**, 74, 200-208	0.9	8
129	Vulnerability of populations exposed to seismic risk in the state of Oklahoma. *Applied Geography*, **2020**, 124, 102295	4.4	10
128	Temporal and spatial change in disaster resilience in US counties, 20102015** Data are available on the Hazards & Vulnerability Research Institute (HVRI) website: http://artsandsciences.sc.edu/geog/hvri/hvri-resources.View all notes. *Environmental Hazards*, **2020**	4.2	36
127	Social Network, Activity Space, Sentiment, and Evacuation: What Can Social Media Tell Us?. *Annals of the American Association of Geographers*, **2019**, 109, 1795-1810	2.6	18
126	Implementing Disaster Policy: Exploring Scale and Measurement Schemes for Disaster Resilience. *Journal of Homeland Security and Emergency Management*, **2019**, 16,	1.2	10
125	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	4.5	16
124	Reflections on Gilbert F. White: Scholar, Advocate, Friend. *Environment*, **2019**, 61, 4-21	2.8	2

123	Integrating human behaviour dynamics into flood disaster risk assessment. *Nature Climate Change*, **2018**, 8, 193-199	21.4	186
122	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	2.1	5
121	Flash Flood Risk and the Paradox of Urban Development. *Natural Hazards Review*, **2018**, 19, 05017005	3.5	34
120	Compound, Cascading, or Complex Disasters: What's in a Name?. *Environment*, **2018**, 60, 16-25	2.8	47
119	The Perilous Nature of Food Supplies: Natural Hazards, Social Vulnerability, and Disaster Resilience. *Environment*, **2017**, 59, 4-15	2.8	7
118	Introduction: History and Motivation. *Annals of the American Academy of Political and Social Science*, **2017**, 669, 6-17	2.8	3
117	Forging a paradigm shift in disaster science. *Natural Hazards*, **2017**, 86, 969-988	3	35
116	The forgotten casualties redux: Women, children, and disaster risk. *Global Environmental Change*, **2017**, 42, 117-121	10.1	64
115	Leveraging Twitter to gauge evacuation compliance: Spatiotemporal analysis of Hurricane Matthew. *PLoS ONE*, **2017**, 12, e0181701	3.7	79
114	Urban-Rural Differences in Disaster Resilience. *Annals of the American Association of Geographers*, **2016**, 106, 1236-1252	2.6	100
113	The Changing Context of Hazard Extremes: Events, Impacts, and Consequences. *Journal of Extreme Events*, **2016**, 03, 1671005	1	7
112	Social Vulnerability to Natural Hazards in Brazil. *International Journal of Disaster Risk Science*, **2016**, 7, 111-122	4.6	117
111	The landscape of disaster resilience indicators in the USA. *Natural Hazards*, **2016**, 80, 741-758	3	339
110	Resilience to What? Resilience for Whom?. *Geographical Journal*, **2016**, 182, 110-113	2.2	152
109	Extreme Events, Critical Infrastructures, Human Vulnerability and Strategic Planning: Emerging Research Issues. *Journal of Extreme Events*, **2016**, 03, 1650017	1	18
108	Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. *Journal of Risk Research*, **2015**, 18, 651-674	4.2	75
107	Stay or Go? Examining Decision Making and Behavior in Hurricane Evacuations. *Environment*, **2015**, 57, 28-41	2.8	18
106	Scenarios for vulnerability: opportunities and constraints in the context of climate change and disaster risk. *Climatic Change*, **2015**, 133, 53-68	4.5	72

105	Holand, Ivar Svare. 2014. Adaptation of Social Vulnerability Indicators to Context. *Norsk Geografisk Tidsskrift*, **2015**, 69, 178-179	0.9	
104	Global risks: Pool knowledge to stem losses from disasters. *Nature*, **2015**, 522, 277-9	50.4	120
103	Integrated research on disaster risk: Is it really integrated?. *International Journal of Disaster Risk Reduction*, **2015**, 12, 255-267	4.5	84
102	Opinion: Building a 21st-century infrastructure for the social sciences. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 15855-6	11.5	7
101	The geographies of community disaster resilience. *Global Environmental Change*, **2014**, 29, 65-77	10.1	471
100	What Makes Events Extreme?. *Journal of Extreme Events*, **2014**, 01, 1402001	1	3
99	Exposure, Social Vulnerability and Recovery Disparities in New Jersey after Hurricane Sandy. *Journal of Extreme Events*, **2014**, 01, 1450002	1	19
98	Hurricane Katrina and the Forgotten Coast of Mississippi **2014**,		27
97	Measuring social vulnerability to natural hazards in the Yangtze River Delta region, China. *International Journal of Disaster Risk Science*, **2013**, 4, 169-181	4.6	135
96	Acceptable losses? The relative impacts of natural hazards in the United States, 1980–2009. *International Journal of Disaster Risk Reduction*, **2013**, 5, 61-72	4.5	14
95	Integrating social vulnerability into federal flood risk management planning. *Journal of Flood Risk Management*, **2013**, 6, 332-344	3.1	68
94	Early Detection of Terrorism Outbreaks Using Prospective Space–Time Scan Statistics. *Professional Geographer*, **2013**, 65, 676-691	1.7	26
93	Disaster Resilience: A National Imperative. *Environment*, **2013**, 55, 25-29	2.8	134
92	Monitoring and Understanding Trends in Extreme Storms: State of Knowledge. *Bulletin of the American Meteorological Society*, **2013**, 94, 499-514	6.1	350
91	Improving the Nation's Resilience to Disasters. *Eos*, **2013**, 94, 89-89	1.5	4
90	Rio + 20: An Endangered Species?. *Environment*, **2012**, 54, 44-51	2.8	6
89	Vulnerability and Impacts on Human Development **2012**, 66-97		1
88	Modeled earthquake losses and social vulnerability in Charleston, South Carolina. *Applied Geography*, **2011**, 31, 269-281	4.4	76

87	The Unsustainable Trend of Natural Hazard Losses in the United States. *Sustainability*, **2011**, 3, 2157-2181	3.6	99
86	Evaluating post-Katrina recovery in Mississippi using repeat photography. *Disasters*, **2011**, 35, 488-509	2.8	35
85	Integrated Hazards Mapping Tool. *Transactions in GIS*, **2011**, 15, 689-706	2.1	23
84	Social Vulnerability to Climate-Sensitive Hazards in the Southern United States. *Weather, Climate, and Society*, **2011**, 3, 193-208	2.3	124
83	Development of an online hazards atlas to improve disaster awareness. *International Research in Geographical and Environmental Education*, **2011**, 20, 297-308	1.7	15
82	A ciência da vulnerabilidade: modelos, métodos e indicadores. *Revista Critica De Ciencias Sociais*, **2011**, 59-69	0.3	6
81	Integrated Multihazard Mapping. *Environment and Planning B: Planning and Design*, **2010**, 37, 646-663		64
80	Disaster Resilience Indicators for Benchmarking Baseline Conditions. *Journal of Homeland Security and Emergency Management*, **2010**, 7,	1.2	583
79	Recommendations for Interdisciplinary Study of Tipping Points in Natural and Social Systems. *Eos*, **2010**, 91, 143-144	1.5	5
78	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	2.1	44
77	Now is the Time for Action: Transitions and Tipping Points in Complex Environmental Systems. *Environment*, **2010**, 52, 38-45	2.8	18
76	Community variations in social vulnerability to Cascadia-related tsunamis in the U.S. Pacific Northwest. *Natural Hazards*, **2010**, 52, 369-389	3	146
75	Hurricane Katrina storm surge delineation: implications for future storm surge forecasts and warnings. *Natural Hazards*, **2010**, 54, 519-536	3	17
74	Disaster disparities and differential recovery in New Orleans. *Population and Environment*, **2010**, 31, 179-202	4	234
73	When Do Losses Count?. *Bulletin of the American Meteorological Society*, **2009**, 90, 799-810	6.1	162
72	The Geography of U.S. Terrorist Incidents, 1970–2004. *Terrorism and Political Violence*, **2009**, 21, 428-449	1.2	24
71	Fleeing from the Hurricane's Wrath: Evacuation and the two Americas. *Environment*, **2009**, 51, 26-36	2.8	38
70	Social Science Perspectives on Hazards and Vulnerability Science **2009**, 17-30		8

69	A sensitivity analysis of the social vulnerability index. *Risk Analysis*, **2008**, 28, 1099-114	3.9	215
68	Levee Failures and Social Vulnerability in the Sacramento-San Joaquin Delta Area, California. *Natural Hazards Review*, **2008**, 9, 136-149	3.5	121
67	A place-based model for understanding community resilience to natural disasters. *Global Environmental Change*, **2008**, 18, 598-606	10.1	2048
66	Planning for Pet Evacuations during Disasters. *Journal of Homeland Security and Emergency Management*, **2008**, 5,	1.2	18
65	Disaster Declarations and Major Hazard Occurrences in the United States*View all notes. *Professional Geographer*, **2008**, 60, 1-14	1.7	24
64	Flood Hazards in the Central Valley of California. *Natural Hazards Review*, **2008**, 9, 101-103	3.5	1
63	Spatial patterns of natural hazards mortality in the United States. *International Journal of Health Geographics*, **2008**, 7, 64	3.5	127
62	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, 2301-6	11.5	674
61	The U.S. Hurricane Coasts: Increasingly Vulnerable?. *Environment*, **2007**, 49, 8-21	2.8	37
60	Vulnerability of U.S. Cities to Environmental Hazards. *Journal of Homeland Security and Emergency Management*, **2007**, 4,	1.2	85
59	Benchmark analysis for quantifying urban vulnerability to terrorist incidents. *Risk Analysis*, **2007**, 27, 1411-25	3.9	38
58	Assessing Flood Hazard Zones in the Absence of Digital Floodplain Maps: Comparison of Alternative Approaches. *Natural Hazards Review*, **2007**, 8, 1-12	3.5	27
57	The Environmental Vulnerability of Caribbean Island Nations*. *Geographical Review*, **2007**, 97, 24-45	1.2	69
56	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	2.8	254
55	The Long Road Home: Race, Class, and Recovery from Hurricane Katrina. *Environment*, **2006**, 48, 8-20	2.8	85
54	Erosion Hazard Vulnerability of US Coastal Counties. *Journal of Coastal Research*, **2005**, 215, 932-942	0.6	241
53	Are natural hazards and disaster losses in the U.S. increasing?. *Eos*, **2005**, 86, 381	1.5	82
52	Hazards Measurement **2005**, 197-202		3

51	Social Vulnerability to Environmental Hazards*. *Social Science Quarterly*, **2003**, 84, 242-261	1.4	2699
50	The Vulnerability of Science and the Science of Vulnerability. *Annals of the American Association of Geographers*, **2003**, 93, 1-12		270
49	GI Science, Disasters, and Emergency Management. *Transactions in GIS*, **2003**, 7, 439-446	2.1	168
48	Tornado hazards in the United States. *Climate Research*, **2003**, 24, 103-117	1.6	62
47	The Big Questions in Geography. *Professional Geographer*, **2002**, 54, 305-317	1.7	52
46	Emerging Hurricane Evacuation Issues: Hurricane Floyd and South Carolina. *Natural Hazards Review*, **2002**, 3, 12-18	3.5	173
45	Spatial variability in toxicity indicators used to rank chemical risks. *American Journal of Public Health* , **2002**, 92, 420-2	5.1	19
44	SUBSIDIZED INEQUITIES: THE SPATIAL PATTERNING OF ENVIRONMENTAL RISKS AND FEDERALLY ASSISTED HOUSING. *Urban Geography*, **2001**, 22, 29-53	2.4	53
43	Public orders and personal opinions: household strategies for hurricane risk assessment. *Environmental Hazards*, **2001**, 2, 143-155	4.2	15
42	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		767
41	Public orders and personal opinions: household strategies for hurricane risk assessment. *Environmental Hazards*, **2000**, 2, 143-155		108
40	Reframing disaster policy: the global evolution of vulnerable communities. *Environmental Hazards*, **1999**, 1, 39-44		44
39	Developing a Digital Atlas of Environmental Risks and Hazards. *Journal of Geography*, **1999**, 98, 201-207	1.5	5
38	Crying wolf: Repeat responses to hurricane evacuation orders. *Coastal Management*, **1998**, 26, 237-252	3.3	260
37	Using Relative Risk Indicators to Disclose Toxic Hazard Information to Communities. *Cartography and Geographic Information Science*, **1997**, 24, 158-171		10
36	Spatial accuracy of the EPA© environmental hazards databases and their use in environmental equity analyses. *Applied Geographic Studies*, **1997**, 1, 45-61		22
35	Trends In U.S. Hazardous Materials Transportation Spills. *Professional Geographer*, **1997**, 49, 318-331	1.7	7
34	Vulnerability to environmental hazards. *Progress in Human Geography*, **1996**, 20, 529-539	5.3	1131

33	Societal responses to environmental hazards. *International Social Science Journal*, **1996**, 48, 525-536	0.7	34
32	The Role of Geographic Scale in Monitoring Environmental Justice. *Risk Analysis*, **1996**, 16, 517-526	3.9	150
31	SETTING ENVIRONMENTAL JUSTICE IN SPACE AND PLACE: ACUTE AND CHRONIC AIRBORNE TOXIC RELEASES IN THE SOUTHEASTERN UNITED STATES. *Urban Geography*, **1996**, 17, 380-399	2.4	65
30	The forgotten casualties: women, children, and environmental change. *Global Environmental Change*, **1995**, 5, 181-94	10.1	53
29	En-gendered fears: femininity and technological risk perception. *Industrial Crisis Quarterly*, **1992**, 6, 5-22		48
28	CHEMICAL HAZARDS IN URBAN AMERICA. *Urban Geography*, **1991**, 12, 417-430	2.4	10
27	Throwaway societies: a field survey of the quantity, nature and distribution of litter in New Jersey. *Applied Geography*, **1991**, 11, 125-141	4.4	6
26	Book reviews : Bunge, W. 1988: Nuclear war atlas. Oxford: Basil Blackwell. xxviii + 204 pp. £9.95 paper. *Progress in Human Geography*, **1990**, 14, 450-451	5.3	1
25	THE NATIONAL PATTERN OF AIRBORNE TOXIC RELEASES. *Professional Geographer*, **1989**, 41, 149-161	1.7	31
24	Geographers and Nuclear War: Why We Lack Influence on Public Policy. *Annals of the American Association of Geographers*, **1988**, 78, 132-143		9
23	Airborne Toxic Releases: Are Communities Prepared?. *Environment*, **1987**, 29, 12-31	2.8	9
22	Living in the Nuclear Age: Teaching About Nuclear War and Peace. *Journal of Geography*, **1987**, 86, 114-120	2.3	4
21	From grass roots to partisan politics: nuclear freeze referenda in New Jersey and South Dakota. *Political Geography Quarterly*, **1987**, 6, 287-300		5
20	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.. *Professional Geographer*, **1986**, 38, 42-52	1.7	15
19	Risk cognition and the public: The case of Three Mile Island. *Environmental Management*, **1984**, 8, 15-20	3.1	8
18	Emergency preparedness and planning for nuclear power plant accidents. *Applied Geography*, **1984**, 4, 235-245	4.4	7
17	Residential Satisfaction and the Suburban Homeowner. *Urban Geography*, **1982**, 3, 315-327	2.4	35
16	Evacuation behavior and Three Mile Island. *Disasters*, **1982**, 6, 116-24	2.8	80

List of Publications

15	Community Concern for Pollution: Social and Environmental Influences. *Environment and Behavior*, **1981**, 13, 105-124	5.6	32
14	Remembering the Coast: The Road to Camille15-38		
13	The Forgotten Coast1-14		
12	The Second Big One39-63		
11	Uneven Recovery64-89		
10	Powering an Unequal Recovery90-113		
9	Slow Going for Neighborhoods114-140		
8	Recovery Divides in a Changing World164-186		
7	Managing the Risks from Climate Extremes at the Local Level291-338		24
6	Toward a comprehensive loss inventory of weather and climate hazards279-295		7
5	GIS and Emergency Management321-343		7
4	Hazards Vulnerability and Environmental Justice		41
3	Adjusting statistical benchmark risk analysis to account for non-spatial autocorrelation, with application to natural hazard risk assessment. *Journal of Applied Statistics*,1-21	1	
2	Nature and the Rivers of Life: William L. Graf, 1947–2019. *Annals of the American Association of Geographers*,1-7	2.6	1
1	Social distance integrated gravity model for evacuation destination choice. *International Journal of Digital Earth*,1-15	3.9	5