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Curriculum Vitae (Abbreviated)

SUSAN L. CUTTER

Current Position

Carolina Distinguished Professor Emerita
Co-Director, Hazards Vulnerability and Resilience Institute
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Education

Ph.D. 1976 University of Chicago
M.A. 1974 University of Chicago
B.A. 1973 California State University, East Bay

Academic Positions

1993- University of South Carolina
2025 Carolina Distinguished Professor Emerita
2023- Co-Director, Hazards Vulnerability and Resilience Institute
2006- 2022 Director, Hazards & Vulnerability Research Institute
2001-2025 Carolina Distinguished Professor
1993-2000 Professor
1995-2006 Director, Hazards Research Lab
1993-2000 Chair
1977-93 Rutgers University
1992-93 Member, Environmental Policy Division, Environmental and Occupational Health
Sciences Institute (EOHSI)
1986-88 Chair, Department of Geography
1985-88 Director, Graduate Program in Geography
1983-93 Associate Professor (Department of Geography and Dept. of Human Ecology (Cook
College)
1977-83 Assistant Professor
1976-77 Visiting Assistant Professor, Department of Geography and Institute for Environmental
Studies, University of Washington.
1975 Research Associate, Energy and Environmental Systems Division, Argonne National
Laboratory, Argonne, Illinois.

Publications

Books and Monographs

- Susan L. Cutter, Melanie Gall, and Claire B. Rubin (eds.), 2025. *From Disaster to Catastrophe: Emergency Management in the 21st Century*, Second Edition, Routledge.
- Claire B. Rubin and Susan L. Cutter (eds.), 2020. *From Disaster to Catastrophe: Emergency Management in the 21st Century*, Routledge.
- Susan L. Cutter, Christopher T. Emrich, Jerry T. Mitchell, Walter W. Piegorsch, Mark M. Smith, and Lynn Weber. 2014. *Hurricane Katrina and the Forgotten Coast of Mississippi*. New York, NY and Cambridge, UK: Cambridge University Press.
- Susan L. Cutter. 2006. *Hazards, Vulnerability, and Environmental Justice*. London and Sterling, VA: Earthscan. 418 pp.
- M. Duane Nellis, Janice Monk, and Susan L. Cutter (eds.). 2004. *Presidential Musings from the Meridian: Reflections on the Nature of Geography by Past Presidents of the Association of American Geographers*. Morgantown, WV: West Virginia University Press. 276 pp.
- Stanley D. Brunn, Susan L. Cutter, and J. W. Harrington Jr. (eds.). 2004. *Geography and Technology*. Dordrecht, Boston, and London: Kluwer Academic Publishers. 613 pp.
- Susan L. Cutter, Douglas Richardson, and Thomas Wilbanks (eds.). 2003. *The Geographical Dimensions of Terrorism*. New York and London: Routledge. 274 pp.
- Susan L. Cutter and William H. Renwick. 2003. *Exploitation, Conservation, Preservation: A Geographic Perspective on Natural Resource Use Fourth Edition*. New York: John Wiley & Sons. 390 pp. (3rd Edition published in 1999, 391 pp.)
- Susan L. Cutter, Hilary L. Renwick and William H. Renwick, 1991. *Exploitation, Conservation, Preservation: A Geographic Perspective on Natural Resource Use, Second Edition*. New York: John Wiley & Sons. 455 pp. (First Edition published in 1985 by Rowman and Littlefield, Totowa, New Jersey. 448 pp.).
- Susan L. Cutter (editor), 2001. *American Hazardscapes: The Regionalization of Hazards and Disasters*. Washington D.C.: Joseph Henry Press/National Academy of Sciences. 211 pp.
- Susan L. Cutter, Deborah S.K. Thomas, Micah E. Cutler, Jerry T. Mitchell, and Michael S. Scott, 1999. *South Carolina Atlas of Environmental Risks and Hazards*. Columbia, SC: University of South Carolina Press, CD-ROM.
- Susan L. Cutter (ed.), 1994. *Environmental Risks and Hazards*. Englewood Cliffs: Prentice-Hall. 413 pp.
- Susan L. Cutter, 1993. *Living with Risk*. London: Edward Arnold. 214 pp.

D.G. Janelle, (ed.) with A.D. Abrahams, S.S. Birdsall, L.E. Conkey, S.L. Cutter, J.H. Johnson Jr., V.A. Konrad, J.R. Mather, P.F. McDowell R.A. Muller, W. Zelinsky, and P.M. Chalk, (associate eds.), 1992. *Geographical Snapshots of North America*. New York: The Guilford Press. 442 pp.

Susan L. Cutter, 1985. *Rating Places: A Geographer's View of Quality of Life*. Washington, D.C.: Association of American Geographers Resource Publications. 76 pp.

Susan (Caris) Cutter, 1978. *Community Attitudes Toward Pollution*. Chicago: University of Chicago, Department of Geography Research Paper 188. 211 pp.

Brian J.L. Berry, Susan (Caris) Cutter, et al., 1977. *The Social Burdens of Environmental Pollution*. Brian J.L. Berry (ed.), Cambridge: Ballinger. 613 pp.

Refereed Articles

155. Moritz, Max A., Susan L. Cutter, Alan March, 2025. Elevating survivability as the goal for community wildfire risk reduction, *Cell Reports Sustainability* 2, July 25, 2024:1-4. <https://doi.org/10.1016/j.crsus.2025.100436>

154. E. Aroca-Jiménez, S.L. Cutter, J.M. Bodoque, J.A. García, 2025. Enhancing understanding of vulnerability and resilience to flash floods through comparative analysis of multidimensional indices, *International Journal of Disaster Risk Reduction*,125:105540 <https://doi.org/10.1016/j.ijdr.2025.105540>

153. Derakhshan, Sahar, Margot Habets, and Susan L. Cutter, 2025. Drivers of changing community resilience, *Natural Hazards* 121:9705-9729. <https://doi.org/10.1007/s11069-025-07196-1>

152. Ritchie, Liesel A., S.L. Cutter, N. Campbell, and Melanie Gall, 2025. The new vulnerable: Changing contexts of food insecurity in the United States, *Environment: Science and Policy for Sustainable Development* 67(1): 45-58, <https://doi.org/10.1080/00139157.2024.2419318>

151. Habets, M. and S.L. Cutter, 2024. A community resilience index for place-based actionable metrics, *Risk Analysis* 1:14 DOI: 10.1111/risa.17684

150. Robertson, B. W., Dow, K., Salinas, J., & Cutter, S. L. 2024. Heat risk perceptions and coping strategies of the unhoused. *International Journal of Environmental Research and Public Health*, 21(6), 737. <https://doi.org/10.3390/ijerph21060737>

149. Cutter, S.L. 2024. The origin and diffusion of the Social Vulnerability Index (SoVI), *International Journal of Disaster Risk Reduction* 109 (July), 104576. <https://doi.org/10.1016/j.ijdr.2024.104576>

148. Morgan, Grayson R., E.M Kemp, M. Habets, K. Daniels-Baessler, G. Waddington, S. Adamo, C. Hultquist, and S.L. Cutter, 2024. Defining disadvantaged places: Social burdens of wildfire exposure in the Eastern United States, 2000-2020, *Fire* 7, 124. <https://doi.org/10.3390/fire7040124>.

147. Habets, M., S.L. Jackson, S.L. Baker, Q. Huang, L. Blackwood, E.M. Kemp, and S.L. Cutter, 2023. Evaluating the quality of state hazard mitigation plans based on hazard identification, risk, and vulnerability assessments, *J. Homeland Security and Emergency Management*, Nov. 20, 2023.

<https://doi.org/10.1515/jhsem-2022-0060>

146. Blackwood, L. and S.L. Cutter, 2023. The application of the Social Vulnerability Index (SoVI) for geo-targeting of post-disaster recovery resources, *Intl. J. Disaster Risk Reduction* 92: 103722.

<https://doi.org/10.1016/j.ijdrr.2023.103722>

145. Huang, Q. and S.L. Cutter, 2022. Spatial-temporal differences in COVID-19 vaccinations in the U.S., *Urban Informatics* 1:19 <https://doi.org/10.1007/s44212-022-00019-9>

144. Cutter, S. L. and Q. Huang, 2022. The persistence of COVID-19 and inequities in the U.S. experience, *Environment: Science and Policy for Sustainable Development* 64 (5-6): 4-14.

143. Derakhshan, S., C.T. Emrich, and S.L. Cutter, 2022. Degree and direction of overlap between social vulnerability and community resilience measurements, *PLoS ONE* 17(10):e0275975.

<https://doi.org/10.1371/journal.pone.0275975>

142. Elhami-Korasani, N., H. Ebrahimian, L. Buja, S.L. Cutter, B. Kosovic, N. Lareau, B.J. Meachman, E. Rowell, E.Taciroglu, M.P. Thompson, and A.C. Watts, 2022. Conceptualizing a probabilistic risk and loss assessment framework for wildfires, *Natural Hazards* 114: 1153-1169, online June 2022.

<https://doi.org/10.1007/s11069-022-05472-y>

141. Derakhshan, S., L. Blackwood, M. Habets, J.F. Effgen, and S.L. Cutter, 2022. Prisoners of scale: Downscaling community resilience measurements for enhanced use, *Sustainability* 14, 6927.

<https://doi.org/10.3390/su14116927>.

140. Yabe, T., P. Suresh C. Rao, S.V. Ukkusuri, and S.L. Cutter. 2022. Toward data-driven, dynamical complex systems approaches to disaster resilience, *Proceedings National Academies of Science, Engineering and Medicine (PNAS)* 199(8): e2111997119. <https://doi.org/10.1073.2111997119>.

139. Liu, Jingyu, W.W. Piegorsch, A.G. Schissler, R.R. McCaster, and S.L. Cutter, 2022 Adjusting statistical benchmark risk analysis to account for non-spatial autocorrelation, with application to natural hazard risk assessment, *J. of Applied Statistics*, 49(9): 2349-2369.

<https://www.tandfonline.com/doi/full/10.1080/02664763.2021.1904385>

138. Walelign, S.Z., S.L. Cutter, P. Lujala, 2021. Resettlement capacity assessments for climate induced displacements: Evidence from Ethiopia, *Climate Risk Management* 33: 100347.

<https://doi.org/10.1016/j.crm.2021.100347>

137. Jackson, S.L., S. Derakhshan, L. Blackwood, L. Lee, Q. Huang, M. Habets, and S.L. Cutter, 2021. Spatial disparities of COVID-19 cases and fatalities in United States counties, *Intl J. Environmental Research and Public Health* 18, 8259 <https://doi.org/10.3390/ijerph18168259>

136. Jiang, Y., Z. Li, and S.L. Cutter, 2021. Social distance integrated gravity model for evacuation destination choice, *Intl. Journal of Digital Earth* 14 (8):1004-1018.

<https://doi.org/10.1080/17538947.2021.1915396>

135. Piegorsch, W.W., R. R. McCaster, and S.L. Cutter, 2021. From terrorism to flooding: How vulnerable is your city? *Significance Magazine* (The Royal Statistical Society) 18(1): 20-25.

<https://doi.org/10.1111/1740-9713.01487>

134. Huang, Q., S. Jackson, S. Derakhshan, L. Lee, E. Pham, A. Jackson, and S.L. Cutter, 2021. Urban-rural differences in COVID-19 exposures and outcomes in the South: A preliminary analysis of South Carolina, *PLoS ONE* 16(2): e0246548. <https://doi.org/10.1371/journal.pone.0246548>

133. Cutter, Susan L., 2021. The changing nature of hazard and disaster risk in the Anthropocene, *Annals of the American Association of Geographers* 111(3): 819-827. <https://doi.org/10.1080/24694452.2020.1744423>.

Reprinted in Butler, D, 2022. *The Anthropocene*, Chapter 17, New York: Routledge.

132. Roncancio, D. J., S.L. Cutter, and A.C. Nardocci, 2020. Social vulnerability in Colombia, *Intl. J. Disaster Risk Reduction* 50:101872. <https://doi.org/10.1016/j.ijdrr.2020.101872>

131. Derakhshan, S., M.E. Hodgson, and S.L. Cutter, 2020. Vulnerability of populations exposed to seismic risk in the state of Oklahoma, *Applied Geography* 124:102295 <https://doi.org/10.1016/j.apgeog.2020.102295>

130. Derakhshan, S., S.L. Cutter, C. Wang, 2020. Remote sensing derived indices for tracking urban land surface change in case of earthquake recovery, *Remote Sensing* 12: 895. 10.3390/rs12050895.

129. Pham, E., Z. Li, C.T. Emrich, J. Mitchem, and S.L. Cutter, 2020. Evacuation departure timing during Hurricane Matthew, *Weather, Climate and Society* 12(2): 235-248. Online 31 January 2020. <https://doi.org/10.1175/WCAS-D-19-0030.1>

128. Martin, Y., S.L. Cutter, Z. Li, C.T. Emrich, and J.T. Mitchell, 2020. Tracking the disruption of Hurricane Maria on population movements in Puerto Rico through geotagged tweets, *Population & Environment* 42:4-27. doi: 10.1007/s11111-020-00338-6.

127. Martín, Yago, Susan L. Cutter, and Zhenlong Li, 2020. Bridging Twitter and survey data for evacuation assessment of Hurricane Matthew and Hurricane Irma, *Natural Hazards Review* 21 (2): 04020003. doi:10.1061/(ASCE)NH.1527-6996.0000354.

126. Cutter, Susan L., 2019. Community resilience, natural hazards, and climate change: Is the present a prologue to the future? *Norwegian J of Geography* Special Issue, 74 (3): 200-208. <https://doi.org/10.1080/00291951.2019.1692066>

125. Cutter, Susan L., Rutherford H. Platt, Ian Burton, James K. Mitchell, Martin Reuss, Claire B. Rubin, James L. Wescoat, and Barbara T. Richman, 2019. Gilbert F. White: Scholar, Advocate, Friend, *Environment: Science and Policy for Sustainable Development* 61 (5) Sept/Oct): 4-21.

124. Cutter, Susan L. and Sahar Derakhshan, 2019. Implementing disaster policy: exploring scale and measurement schemes for disaster resilience, *J. Homeland Security and Emergency Management* 16(3): 1-14 online May 30, 2019 DOI: <https://doi.org/10.1515/jhsem-2018-0029>.

123. Anderson, Carl C., Michael Hagenlocher, Fabrice G. Renaud, Zita Sebesvari, Christopher T. Emrich, and Susan L. Cutter, 2019. Comparing index-based vulnerability assessments in the Mississippi Delta: Implications of contrasting theories, indicators, and methodologies, *Intl. J. Disaster Risk*

Reduction 39 (October):101128,online 30 March 2019, <https://doi.org/10.1016/j.ijdr.2019.101128>.

122. Jiang, Yuqin, Z. Li, and S.L. Cutter, 2019. Social network, activity space, sentiment, and evacuation: What can social media tell us, *Annals of the American Association of Geographers* 109(6): 1795-1810. Online 31 May 2019, [doi:10.1080/24694452.2019.1592660](https://doi.org/10.1080/24694452.2019.1592660)

121. Cutter, S.L. and S. Derakhshan, 2018/2020. Temporal and spatial change in disaster resilience in US counties, 2010-2015. *Environmental Hazards* 19(1): 10-29 (2020). DOI: 10.1080/17477891.2018.1511405 (Aug 20, 2018).

Reprinted in D.J. Parker and E.C. Penning-Rowsell (eds.), *Environmental Hazards and Resilience: Theory and Evidence*, Routledge, pp. 51-70.

120. Cutter, S.L., 2018. Compound, cascading, or complex disasters: What's in a name? *Environment: Science and Policy for Sustainable Development* 60(6): 16-25.

119. Aerts, J.C.J.H, W.J. Wouter Botzen, K. C. Clarke, S.L. Cutter, J. Hall, B. Merz, E. Michel-Kerjan, J. Mysiak, S. Surminski, and H. Kunreuther, 2018. Perspective: Integrating human behavior dynamics into flood risk management, *Nature Climate Change* 8 (March): 193-199.

118. Liu, J., W. W. Piegorsch, A. Grant Schissler, and S. L. Cutter, 2018. Autologistic models for benchmark risk or vulnerability assessment of urban terrorism outcomes, *J. R. Statist. Soc. A* 181, Part 3: 803-821. Doi: 10.1111/rssa.12323 (October 10, 2017).

117. Cutter, S. L., C. T. Emrich, M. Gall, and R. Reeves, 2017. Flash flood risk and the paradox of urban development, *Natural Hazards Review* 19 (1): 05017005-1-12 Doi:10.1061/(ASCE)NH.1527-6996.0000268 (Sept. 25, 2017).

116. Martin, Y., Z. Li, and S. L. Cutter, 2017. Leveraging Twitter to gauge evacuation compliance: Spatiotemporal analysis of Hurricane Matthew, *PLoS ONE* 12(7):e0181701. <https://doi.org/10.1371/journal.pone.0181701>.

115. Birkmann, J., F. Wenzel, S. Greiving, M. Garschagen, D. Vallée, W. Nowak, T. Welle, S. Fina, A. Goris, B. Rilling, F. Fiedrich, A. Fekete, S. L. Cutter, S. Düzgün, A. Ley, M. Friedrich, E. Kuhlmann, B. Novák, S. Wieprecht, C. Riegel, A. Thielen, J. Rhyner, U. Ulbrich, and J. K. Mitchell, 2016. Extreme events, critical infrastructures, human vulnerability and strategic planning: emerging research issues, *J. Extreme Events* 3(2): doi:10.1142/S23455737616500172 (March 16, 2017).

114. Cutter, S. L., 2016. The changing context of hazard extremes: Events, impacts, and consequences, *J. Extreme Events*, 3(2): doi:10.1142/S23455737616710056 (February 2, 2017).

113. Ismail-Zadeh, A. T., S. L. Cutter, K. Takeuchi, and D. Paton, 2017. Forging a paradigm shift in disaster science, *Natural Hazards* 86(2): 969-988.

112. Hofferth, S. L., E. F. Moran, B. Entwisle, J. L. Aber, H. E. Brady, D. Conley, S. L. Cutter, C. C. Eckel, D. Hamilton, and K. Hubacek, 2017. Introduction: History and motivation, *Annals, American Academy of Political and Social Science (AAPSS)* 669: 6-17.

111. Cutter, S. L., 2017. The forgotten casualties redux: Women, children, and disaster risk, *Global*

Environmental Change 42:117-121.

110. Cutter, S. L., 2017. The perilous nature of food supplies: Natural hazards, social vulnerability, and disaster resilience, *Environment: Science and Policy for Sustainable Development* 59(1): 4-15.

109. Cutter, S.L., K. D. Ash, and C. T. Emrich, 2016. Urban-rural differences in disaster resilience, *Annals of the American Association of Geographers* 106(6):1236-1252.

108. Hummell, B. M. de L., S. L. Cutter, and C. T. Emrich, 2016. Social vulnerability to natural hazards in Brazil, *Intl. J. Disaster Risk Science* 7(2):111-122.

107. Cutter, S.L., 2016. Commentary, Resilience to What? Resilience for Whom? *The Geographical Journal* 182(2):110-113.

106. Cutter, S.L. 2016. The landscape of disaster resilience indicators in the USA, *Natural Hazards* 80(2): 741-758.

105. Bowser, G. C. and S. L. Cutter, 2015. Stay or go? Examining decision making and behavior in hurricane evacuations, *Environment: Science and Policy for Sustainable Development* 57(6):28-41.

104. Cutter, S. L. and M. Gall, 2015. Sendai targets at risk, *Nature Climate Change* 5 (August):707-709.

103. Cutter, S. L., A. Ismail-Zadeh, I. Alcántara-Ayala, O. Altan, D. N. Baker, S. Briceño, H. Gupta, A. Holloway, D. Johnston, G. A. McBean, Y. Ogawa, D. Paton, E. Porio, R. K. Silbereisen, K. Takeuchi, G. B. Valsecchi, C. Vogel, and G. Wu, 2015. Pool knowledge to stem losses from disasters, *Nature* 522:277-279.

102. Gall, M., K. H. Nguyen, and S.L. Cutter, 2015. Integrated research on disaster risk: Is it really integrated? *Intl. Journal of Disaster Risk Reduction* 12:255-267.

101. Moran, E. F., S. L. Hofferth, C. C. Eckel, D. Hamilton, B. Entwisle, J. L. Aber, H. E. Brady, D. Conley, S. L. Cutter, K. Hubacek, and J. T. Scholz, 2014. Opinion: Building a 21st-century infrastructure for the social sciences, *Proceedings, US National Academy of Sciences* (PNAS) 111 (45):15855-15856.

100. Cutter, S. L., K. D. Ash, and C. T. Emrich, 2014. The geographies of community disaster resilience, *Global Environmental Change* 29:65-77.

99. Cutter, S. L., R. Schumann, and C. T. Emrich, 2014. Exposure, social vulnerability and recovery disparities in New Jersey after Hurricane Sandy, *Journal of Extreme Events*, 1(1): 23 pp. doi: 10.1142/S234573761450002X

98. Cutter, S. L., 2014. What makes events extreme? *J. Extreme Events* 1(1): 4 pp. doi: 10.1142/S2345737614020011

97. Guillard-Gonçalves, C., S. L. Cutter, C. T. Emrich, and J. L. Zêzere, 2014. Application of Social Vulnerability Index (SoVI) and delineation of natural risk zones in Greater Lisbon, Portugal. *J. of Risk Research*, 18(5): 651-674. <http://dx.doi.org/10.1080/13669877.2014.910689>

96. Cutter, S. L., 2014. Building disaster resilience: Steps toward sustainability, *Challenges in Sustainability* 1(2): 72-79.
95. Chen, W., S. L. Cutter, C. T. Emrich, and P. Shi, 2013. Measuring social vulnerability to natural hazards in the Yangtze River Delta region, China. *Intl Journal of Disaster Risk Science*, 4(4):169-181.
94. Birkmann, J., S. L. Cutter, D. S. Rothman, T. Welle, M. Garshagen, B. van Ruijven, B. O'Neill, B. Preston, S. Kienberger, O. D. Cardona, T. Siagian, D. Hidayati, N. J. Setiadi, C. Binder, B. Hughes, and R. Pulwarty, 2015. Scenarios for vulnerability—opportunities and constraints in the context of climate change and disaster risk, *Climatic Change* 133: 53-68. DOI 10.1007/s10584-013-0913-2 (2013).
93. Ash, K., S. L. Cutter, and C. T. Emrich, 2013. Acceptable losses: The relative impacts of natural hazards in the United States, 1980-2009. *Intl. Journal Disaster Risk Reduction* 5:61-72.
92. Cutter, S. L. and M. L. Zoback, 2013. Improving the nation's resilience to disasters. *EOS, Transactions of the AGU*, 94(9): 89-90.
91. Cutter, S. L., J.A. Ahearn, B. Amadei, P. Crawford, E. A. Eide, G.E. Galloway, Jr., M.F. Goodchild, H.C. Kunreuther, M.Li-Vollmer, M. Schoch-Spana, S.C. Scrimshaw, E.M. Stanley, Sr., G. Whitney, and M.L.Zoback, 2013. Disaster resilience: A national imperative, *Environment: Science and Policy for Sustainable Development* 55(2):25-29.
90. Cutter, S.L., C. Emrich, D. Morath, and C.M. Dunning, 2013. Integrating social vulnerability into federal flood risk management planning, *J. Flood Risk Management*, 6(4):332-344.
89. Gao, P., D. Guo, K. Liao, J. Webb, and S.L. Cutter, 2013. Early detection of terrorism outbreaks using prospective space-time scan statistics, *Professional Geographer* 65 (4): 676-691.
88. Kunkel, K. E., T. R. Karl, H. Brooks, J. Kossin, J. H. Lawrimore, D. Arndt, L. Bosart, D. Changnon, S. L. Cutter, N. Doesken, K. Emanuel, P.Y. Groisman, R. W. Katz, T. Knutson, J. O'Brien, c. J. Paciorek, T. C. Peterson, K. Redmond, D. Robinson, J. Trapp, R. Vose, S. Weaver, M. Wehner, K. Wolter, and D. Wuebbles, 2013. Monitoring and understanding trends in extreme storms: State of knowledge. *Bulletin of the American Meteorological Society (BAMS)* 94(4):499-514.
87. O'Riordan, T., A. A. Leiserowitz, A. H. McGowan, and S. L. Cutter, 2012. Rio + 20: An Endangered Species? *Environment: Science and Policy for Sustainable Development* 54 (2): 44-51.
86. Cutter, S. L., 2012. A ciência da vulnerabilidade: Modelos, métodos e indicadores (Vulnerability Science: Models, Methods, and Indicators), *Revista Crítica de Ciências Sociais* (93): June 2011: 59-69 In Portuguese.
85. Gall, M., K. A. Borden, C. T. Emrich, and S. L. Cutter, 2011. The unsustainable trend of natural hazard losses in the United States. *Sustainability* 3: 2157-2181.
84. Emrich, C. T. and S.L. Cutter, 2011. Social vulnerability to climate-sensitive hazards in the southern United States. *Weather, Climate, and Society* 3(3): 193-208.
83. Tate, E., C. G. Burton, M. Berry, C. T. Emrich, and S. L. Cutter, 2011. Integrated hazards mapping

tool. *Transactions in GIS* 15 (5): 689-706.

82. Battersby, S., J. T. Mitchell, and S. L. Cutter, 2011. Facilitating Disaster Awareness with an Online Hazards Atlas, *Intl. Research in Geographical and Environmental Education* 20(4): 297-308.

81. Burton, C., J. T. Mitchell, S. L. Cutter, 2011. Evaluating post-Katrina recovery in Mississippi with repeat photography, *Disasters* 3: 488-509. 27 JAN 2011, DOI: 10.1111/j.1467-7717.2010.01227.x 35

80. Schmidlein, M. C., J. M. Shafer, M. Berry, and S. L. Cutter, 2011. Modeled earthquake losses and social vulnerability in Charleston, South Carolina, *Applied Geography* 31(1):269-281. doi: 10.1016/j.apgeog.2010.06.001

79. Tate, E., S. L. Cutter, and M. Berry, 2010. Integrated multi-hazard mapping. *Environment and Planning B* 37(4): 646-663.

78. Cutter, S. L., C. G. Burton, and C. T. Emrich, 2010. Disaster resilience indicators for benchmarking baseline conditions, *Journal of Homeland Security and Emergency Management* 7(1): Article 51.

77. Stevenson, J. R., C. T. Emrich, J. T. Mitchell, and S. L. Cutter, 2010. Using building permits to monitor disaster recovery: a spatio-temporal case study of coastal Mississippi following Hurricane Katrina, *Cartography and Geographic Information Science* 37 (1): 57-68.

76. Jordan, T. E., O.E. Sala, S. G. Stafford, J. L. Bubier, J. C. Crittenden, S. L. Cutter, A.C. Kay, G. D. Libecap, J. C. Moore, N. N. Rabalais, J. M. Shepherd, and J. Travis, 2010. Tipping our science: New NSF report recommends interdisciplinary approach to study natural and social systems, *EOS, Transactions of the AGU* 91 (16): 143-144.

75. Stafford, S. G., D. M. Bartels, S. Gegay-Campbell, J. L. Bubier, J. C. Crittenden, S. L. Cutter, J. L. Delany, T. E. Jordan, A. C. Kay, G. D. Libecap, J. C. Moore, N. N. Rabalais, D. Rejeski, O. E. Sala, J. M. Shepherd, and J. Travis, 2010. Now is the time for action: transitions and tipping points in complex environmental systems, *Environment: Science and Policy for Sustainable Development* 52 (1):38-45.

74. Finch, C., C. T. Emrich, and S. L. Cutter, 2010. Disaster disparities and differential recovery from New Orleans. *Population & Environment* 31 (4):179-202. Published online January 9, 2010 DOI 10:1007/s11111-009-0099-8.

Reprinted: Chapter 28 in *Global Labour in Distress*, edited by G. Ferrittu, P. V. da Silva Goulart, and R. Ramos, Palgrave Readers in Economics, Springer, 2023.

73. Melton, G., M. Gall, J. T. Mitchell, and S. L. Cutter, 2010. Hurricane Katrina storm surge delineation: implications for future storm surge forecasts and warnings. *Natural Hazards* 54: 519-536. Published online December 9, 2009, DOI 10.1007/s11069-009-9483-z.

72. Wood, N. J., C. G. Burton, and S. L. Cutter, 2010. Community variations in social vulnerability to Cascadia-related tsunamis in the U.S. Pacific Northwest. *Natural Hazards* 52: 369-389. DOI 10.1007/s11069-009-9376-1. Published online: 26 March 2009

72. Piegorsch, W. W. and S. L. Cutter, 2009. Response. *Risk Analysis* 29(9): 1201-1202.
71. Gall, M., K. A. Borden, and S. L. Cutter, 2009. When do losses count? Six fallacies of natural hazards loss data. *Bulletin, AMS* 90 (6): 799-809.
70. Webb, J. and S. L. Cutter, 2009. The geography of U.S. terrorist incidents, 1970-2004. *Terrorism & Political Violence* 21 (3): 428-449.
69. Cutter, S. L. and M. M. Smith, 2009. Fleeing from the hurricane's wrath: Evacuation and the two Americas. *Environment: Science and Policy for Sustainable Development* 51(2): 26-36.
68. Borden, K. A., and S. L. Cutter, 2008. "Spatial Patterns of Natural Hazard Mortality in the United States," *International Journal of Health Geographics* 7:64 doi:10.1186/1476-072x-7-64. Available at: <http://www.ij-healthgeographics.com/content/7/1/64>. Most accessed article in the journal.
67. Cutter, S. L., L. Barnes, M. Berry, C. Burton, E. Evans, E. Tate, and J. Webb. 2008. "A Place-Based Model for Understanding Community Resilience to Natural Disasters," *Global Environmental Change* 18 (4): 598-606.
66. Schmidlein, M. C., R. Deutsch, W. W. Piegorsch, and S. L. Cutter, 2008. "A Sensitivity Analysis of the Social Vulnerability Index," *Risk Analysis* 28 (4):1099-1114.
65. Edmonds, A. E. and S. L. Cutter, 2008. "Planning for Pet Evacuations during Disasters," *J. Homeland Security and Emergency Management* 5 (1): Article 33 (18 pp.). Available at: <http://www.bepress.com/jhsem/vol5/iss1/33>
64. Burton, C. and S. L. Cutter, 2008. "Levee Failures and Social Vulnerability in the Sacramento-San Joaquin Delta Area, California," *Natural Hazards Review* 9(3): 136-149.
63. James, L. A. and S. L. Cutter, 2008. "Flood Hazards in the Central Valley of California," *Natural Hazards Review* 9 (3): 101-103.
62. Cutter, S. L. and C. Finch, 2008. "Temporal and Spatial Changes in Social Vulnerability to Natural Hazards," *Proceedings, National Academy of Sciences*: 105(7):2301-2306.
Reprinted in E. Hamin, Y. Abunnasr, and R. L. Ryan (eds.), 2019. *Planning for Climate Change: A Reader in Green Infrastructure and Sustainable Design for Resilient Cities*, New York: Routledge, p. 129-137.
61. Schmidlein, M. C., S. L. Cutter, and C. Finch, 2008. "Disaster Declarations and Major Hazard Occurrences in the United States," *Professional Geographer* 60 (1):1-14.
60. Piegorsch, W. W., S. L. Cutter, and F. Hardisty, 2007. "Benchmark Analysis for Quantifying Urban Vulnerability to Terrorist Incidents," *Risk Analysis* 27 (6): 1411-1425.
59. Cutter, S.L., L. A. Johnson, C. Finch, and M. Berry, 2007. "The U.S. Hurricane Coasts: Increasingly Vulnerable?," *Environment: Science and Policy for Sustainable Development* 49 (7): 8-20.
58. Borden, K., M. C. Schmidlein, C. T. Emrich, W. W. Piegorsch, and S. L. Cutter, 2007.

“Vulnerability of US Cities to Environmental Hazards,” *Journal of Homeland Security and Emergency Management* 4(2): Article 5. Available at <http://doi.org/10.2202/1547-7355.1279>.

57. Boruff, B. J., and S. L. Cutter, 2007. “The Environmental Vulnerability of Caribbean Island Nations,” *Geographical Review* 97 (1): 24-45.

56. Mitchell, J. T., S. L. Cutter, and A. S. Edmonds, 2007. “Improving Shadow Evacuation Management: Case Study of the Graniteville, South Carolina chlorine spill,” *Journal of Emergency Management* 5(1): 28-34.

55. Gall, M., B. J. Boruff, and S. L. Cutter, 2007. “Assessing Flood Hazard Zones in the Absence of Digital Floodplain Maps: A Comparison of Alternative Approaches,” *Natural Hazards Review* 8(1):1-12.

54. Cutter, S. L., C. T. Emrich, J. T. Mitchell, B. J. Boruff, M. Gall, M. C. Schmidlein, C. G. Burton, and G. Melton, 2006. “The Long Road Home: Race, Class, and Recovery from Hurricane Katrina,” *Environment: Science and Policy for Sustainable Development* 48(2): 8-20.

53. Cutter, S. L. and C. T. Emrich, 2006. “Moral Hazard, Social Catastrophe: The Changing Face of Vulnerability along the Hurricane Coasts,” *Annals of the American Academy of Political and Social Science* 604: 102-112.

52. Cutter, S. L. and C. Emrich, 2005. “Are Natural Hazards and Disaster Losses in the U.S. Increasing?,” *EOS, Transactions, American Geophysical Union* 86 (41), October 11, 2005: 381, 388-89.

51. Boruff, B. J., C. Emrich, and S. L. Cutter, 2005. “Hazard Vulnerability of U.S. Coastal Counties,” *Journal of Coastal Research* 21 (5): 932-942.

50. Cutter, S. L., D. B. Richardson, and T. J. Wilbanks, 2004. “The Geographical Dimensions of Terrorism: Future Directions,” *Annals of the Association of American Geographers* 94(4): 1001-1002.

49. Cutter, S. L., 2003. “GI Science, Disasters, and Emergency Management,” *Transactions in GIS* 7(4): 439-445.

48. Mitchell, J. T., A. Hill, M. Baker, S. Jones, and S. L. Cutter, 2003. “Transitory Trouble: Inter-and Intra-State Hazardous Materials Flows in South Carolina,” *Middle States Geographer* 35:13-21.

47. Boruff, B. J., J. A. Easoz, S. D. Jones, H. R. Landry, J. D. Mitchem, and S. L. Cutter, 2003. “Tornado Hazards in the United States,” *Climate Research* 24:103-117.

46. Cutter, S.L., B. J. Boruff, and W. L. Shirley, 2003. “Social Vulnerability to Environmental Hazards,” *Social Science Quarterly* 84 (1):242-261.

45. Cutter, S.L., 2003. “The Science of Vulnerability and the Vulnerability of Science,” *Annals of the Association of American Geographers* 93 (1):1-12.

44. Cutter, S.L., R. Golledge, and W. L. Graf, 2002. “The Big Questions in Geography,” *The Professional Geographer* 54 (3): 305-317.

Reprinted in G.R. Pitzl (ed.), 2006. *Annual Editions Geography 06/07*. Dubuque, IA: McGraw

- Hill, pp. 2-10.
Reprinted in G. R. Pitzl (ed.), 2005. *Annual Editions Geography 05/06*. Dubuque, IA: McGraw Hill/Dushkin, pp. 2-10.
Reprinted in G. R. Pitzl (ed.), 2004. *Annual Editions Geography*, Dubuque, IA: McGraw-Hill/Dushkin, pp. 2-10.
43. Cutter, S.L., M.S. Scott, A.A. Hill, 2002. "Spatial Variability in Toxicity Indicators Used to Rank Chemical Risks," *American Journal of Public Health* 92 (3): 420-422.
42. Dow, K. and S.L. Cutter, 2002. "Emerging Hurricane Evacuation Issues: Hurricane Floyd and South Carolina," *Natural Hazards Review* 3(1): 12-18.
41. Dow, K. and S.L. Cutter, 2001. "Public Orders and Personal Opinions: Household Strategies for Hurricane Risk Assessment," *Environmental Hazards* 2 (4): 143-155.
40. Cutter, S.L., M.E. Hodgson, and K. Dow, 2001. "Subsidized Inequities: The Spatial Patterning of Environmental Risks and Federally-Assisted Housing," *Urban Geography* 22 (1): 29-53.
39. Mitchell, J.T., D.S.K. Thomas, A.A. Hill, and S.L. Cutter, 2000. "Catastrophe in Reel Life versus Real Life: Perpetuating Disaster Myth through Hollywood Films," *International Journal of Mass Emergencies and Disasters* 18 (3): 383-402.
38. Cutter, S.L., J.T. Mitchell, and M.S. Scott, 2000. "Revealing the Vulnerability of People and Places: A Case Study of Georgetown County, South Carolina," *Annals of the AAG* 90 (4): 713-737.
37. Thomas, D.S.K., J.T. Mitchell, M.S. Scott, and S.L. Cutter, 1999. "Developing a Digital Atlas of Environmental Risks and Hazards", *Journal of Geography* 98:201-207.
36. Comfort, L., B. Wisner, S. Cutter, R. Pulwarty, K. Hewitt, A. Oliver-Smith, J. Weiner, M. Fordham, W. Peacock, and F. Krimgold, 1999. "Reframing Disaster Policy: The Global Evolution of Vulnerable Communities", *Environmental Hazards* 1(1): 39-44.
35. Mitchell, J.T., D.S.K. Thomas, and S.L. Cutter, 1999. "Dumping in Dixie Revisited: The Evolution of Environmental Injustices in South Carolina", *Social Sciences Quarterly* 80 (2): 229-243.
Reprinted in W. Allen Martin (ed.). 2004, *The Urban Community*, Englewood Cliffs, NJ: Prentice-Hall, pp.229-238.
34. Dow, K. and S.L. Cutter, 1998. "Crying Wolf: Repeat Responses to Hurricane Evacuation Orders", *Coastal Management* 26: 237-252.
33. Mitchell, J.T., M.S. Scott, D.S.K. Thomas, M. Cutler, P.D. Putnam, R.F. Collins, and S.L. Cutter, 1997. "Mitigating Against Disaster: Assessing Hazard Vulnerability at the Local Level," *GIS/LIS '97 Proceedings*. Bethesda, MD: ACSM, ASPRS, AM/FM, AAG, URISA, pp. 563-571.
32. Scott, Michael S. and Susan L. Cutter, 1997. "Using Relative Risk Indicators to Disclose Toxic Hazard Information to Communities", *Cartography and Geographic Information Systems* 24 (3): 158-171.

31. Cutter, Susan L. and Minhe Ji, 1997. "Trends in US Hazardous Materials Transportation Spills," *Professional Geographer*, 49 (3): 318-331.
30. Scott, Michael, Susan L. Cutter, Charmel Menzel, Minhe Ji, and Daniel Wagner, 1997. "Spatial Accuracy of the EPA's Environmental Hazards Databases and Their Use in Environmental Equity Analyses," *Applied Geographic Studies* 1(1): 45-61.
29. Cutter, Susan L. 1996. "Vulnerability to Environmental Hazards," *Progress in Human Geography* 20 (4): 529-539.
28. Cutter, Susan L. 1996. "Social Responses to Environmental Hazards," *International Social Science Journal* 47 (4): 525-536.
Reprinted in modified form in Akin Mabogunje, *State of the Earth: Contemporary Geographic Perspectives*. Oxford: Blackwell, 1997, pp.173-198.
27. Cutter, Susan L., Danika Holm, and Lloyd Clark, 1996. "The Role of Geographic Scale in Monitoring Environmental Justice," *Risk Analysis* 16 (4):517-526.
26. Susan L. Cutter and William D. Solecki, 1996. "Setting Environmental Justice in Space and Place: Acute and Chronic Airborne Toxic Releases in the Southeastern United States," *Urban Geography* 17 (5): 380-399.
25. Susan L. Cutter, 1995. "The Forgotten Casualties: Women, Children, and Environmental Change," *Global Environmental Change: Human and Policy Dimensions* 5(3): 181-194.
24. Susan L. Cutter, 1995. "Race, Class and Environmental Justice," *Progress in Human Geography* 19 (1): 107-118.
Reprinted in: Samson Chama and Tod Scott-Femenella (eds.), 2018. *Social Justice: A Look at Issues Confronting the 21st Century*, San Diego, CA: Cognella Publishers.
23. Susan L. Cutter, 1994. "Environmental Issues: Green Rage, Social Change, and the New Environmentalism," *Progress in Human Geography* 18(2):217-226.
22. Susan L. Cutter, John Tiefenbacher, William D. Solecki, 1992. "En-gendered Fears: Femininity and Technological Risk Perception," *Industrial Crisis Quarterly* 6: 5-22.
21. Susan L. Cutter, 1991. "Fleeing from Harm: International Trends in Evacuations from Chemical Accidents" *International Journal of Mass Emergencies and Disasters* 9(2): 267-285.
20. Susan L. Cutter and John Tiefenbacher, 1991. "Chemical Hazards in Urban America," *Urban Geography* 12(5): 417-430.
19. Susan L. Cutter, John Tiefenbacher, Shira Birnbaum, James Wiley, and William D. Solecki, 1991. "Throwaway Societies: A Field Survey of the Quantity, Nature, and Distribution of Litter in New Jersey," *Applied Geography* 11: 125-141.
18. Susan L. Cutter and John Tiefenbacher, 1989. "Plume and Doom," *American Demographics*. November: 44-46.

17. Susan L. Cutter and William D. Solecki, 1989. "The National Pattern of Airborne Toxic Releases," *Professional Geographer* 41(2): 149-161.
16. Susan L. Cutter, 1988. "Geographers and Nuclear War: Why We Lack Influence on Public Policy." *Annals of the Association of American Geographers* 78: 132-143.
15. Susan L. Cutter, 1988. "Reply to Comments," *Annals of the AAG* 78: 725-727.
14. Susan L. Cutter, H. Briavel Holcomb, Dianne Shatin, Fred H. Shelley, and G. Thomas Murauskas, 1987. "From Grass Roots to Partisan Politics: Nuclear Freeze Referenda in New Jersey and South Dakota." *Political Geography Quarterly* 6(4): 287-300.
13. Susan L. Cutter, 1987. "Airborne Toxic Releases: Are Communities Prepared?" *Environment* 29(6): 12-17, 28-31.
12. William D. Solecki and Susan L. Cutter, 1987. "Living in the Nuclear Age: Teaching About Nuclear War and Peace." *Journal of Geography* 86(3): 114-120.
11. Susan L. Cutter, 1986. "Changes in Interstate Rankings 1931-1980." *Geographical Review* 76(3): 276-287.
10. Susan L. Cutter, H. Briavel Holcomb and Dianne Shatin, 1986. "Spatial Patterns of Support for a Nuclear Weapons Freeze," *Professional Geographer* 38(1): 42-52.
9. Susan Cutter, 1984. "Emergency Preparedness and Planning for Nuclear Power Plant Accidents," *Applied Geography* 4: 235-245.
8. Susan Cutter, 1984. "Risk Cognition and the Public: The Case of Three Mile Island," *Environmental Management* 8(1): 15-20.
7. Hilary Lambert Renwick and Susan Cutter, 1983. "Map Postcards and Place Cognition," *Landscape* 27(1): 30-38.
6. Susan Cutter, 1982. "Residential Satisfaction and the Suburban Homeowner," *Urban Geography* 3(4): 315-327.
5. Susan Cutter and Kent Barnes, 1982. "Evacuation Behavior and Three Mile Island," *Disasters* 6(2): 116-124.
4. Susan (Caris) Cutter, 1981. "Community Concern for Pollution: Social and Environmental Influences," *Environment and Behavior* 13(1): 105-24.
3. Robert W. Lake and Susan (Caris) Cutter, 1980. "A Typology of Black Suburbanization in New Jersey since 1970," *Geographical Review* 70(2): 167-181.
2. Susan (Caris) Cutter, 1980. "Environmental Management: New Paradigms for Old Commitments," *Resource Management and Optimization* 1(1): 77-87.

1. Susan Cutter, James Brosius, Kent Barnes and James K. Mitchell, 1979. "Risk Evaluation and Evacuation Responses," *Proceedings Middle States Division, Association of American Geographers XIII*: 80-88.

Articles in Books and Proceedings

64. Cutter, S.L., 2024. The socio-ecological consequences of wildfires: Challenges, research needs, and gaps in understanding, Chapter 8 in National Academies of Sciences, Engineering, and Medicine, *Socio-Ecological Consequences of Future Wildfires and Smoke in the West: Proceedings of a Workshop*, Washington D.C.: The National Academies Press, pp. 63-71. <https://doi.org/10.17226/27972>.

63. Cutter, Susan L. 2024. "Baseline Resilience Indicators for Communities (BRIC): Theory to Practice." In *The Encyclopedia of Technological Hazards and Disasters in the Social Sciences*, edited by D.A. Gill, L.A. Ritchie, and N. Campbell. London: Edward Elgar, pp. 41-45

62. Cutter, Susan L. 2024. "Anthropocene." In *The Encyclopedia of Technological Hazards and Disasters in the Social Sciences*, edited by D.A. Gill, L.A. Ritchie, and N. Campbell. London: Edward Elgar, pp. 27-33.

61. Cutter, S.L. and S. Derakhshan, 2022. "Temporal and spatial change in disaster resilience in US counties, 2010-2015," Chapter 3 in D.J. Parker and E. C Penning-Rowsell (eds.), *Environmental Hazards and Resilience: Theory and Evidence*, Routledge, pp. 51-20. **Reprint** of 2020 article in *Environmental Hazards*.

60. Cutter, Susan L. 2022. "Governance structures for recovery and resilience," in S. S. Kuo, John T. Marshall and R.M. Rowberry (eds.), *Cambridge Handbook of Disaster Law and Policy*, Cambridge and New York: Cambridge University Press, pp. 59-70.

59. Cutter, Susan L. 2022. "Vulnerability and resilience science: Concepts, tools, and practice," Chapter 12 in James, H., Shaw, R., Sharma, V. & Lukasiewicz, A. (eds.), *Disaster Risk Reduction: Governance, Education and Capacity in Asia Pacific*. Palgrave Macmillan, pp. 213-231.

58. Cutter, Susan L. 2021. "Urban risks and resilience," Chapter 12 in Wenzhong Shi, Michael Goodchild, Michael Batty, and Mei-Po Kwan (eds), *Urban Informatics*, Springer, pp. 197-211.

57. Cutter, Susan L. and Claire B. Rubin, 2020. "Glancing backward while moving forward," Chapter 10 in Rubin, C.B. & Cutter, S.L. (eds.), *From Disaster to Catastrophe: Emergency Management in the 21st Century*, Routledge, pp.233-252.

56. Cutter, Susan L., 2020. "Tipping points in policy and practice," Chapter 2 in Rubin & Cutter (eds.), *From Disaster to Catastrophe: Emergency Management in the 21st Century*, Routledge, pp. 11-35.

55. Gall, M. and S.L. Cutter, 2019. "2005 Events and outcomes: Hurricane Katrina and beyond", Chapter 7 in C.B. Rubin (editor), *Emergency Management: The American Experience, 1900-2010 (3rd Edition)*, Taylor and Francis Publisher, 191-217.

54. Cutter, S.L., 2018. "Linkages between vulnerability and resilience," Chapter 12 in Sven Fuchs and Thomas Thaler (eds.), *Vulnerability and Resilience to Natural Hazards*, Cambridge University Press, 257-270.
53. Cutter, S.L., 2018. "Risk," in N. Castree, M. Hulme, and J. Proctor (eds.), *The Companion to Environmental Studies*, Routledge: London & New York, 86-89.
52. Gall, M. and S. L. Cutter, 2016. "Understanding disaster risk through loss data," In *Solving the Puzzle: Where to Invest to Understand Risk, Written Contributions*. Washington DC: World Bank, p. p. 70-73.
51. Cutter, S. L., 2016. "Demographic change after Hurricane Katrina: A tale of two places," in Helen James and Douglas Paton, *The Consequences of Disasters: Demographic, Planning and Policy Implications*. Springfield, IL: CH Thomas Publishers, p. 49-64.
50. Cutter, S. L. and M. Gall, 2016. "Chapter 27 Hurrikan Katrina—gescheiterte Planung oder geplantes Scheitern?," In C. Felgentreff and T. Glade (eds.), *Naturrisiken und Sozialkatastrophen*. Berlin and Heildelberg: Springer-Verlag.
49. Pelling, M. R. Basher, J. Birkmann, S. Cutter, B. Desai, S.H.M. Fakhruddin, F. Ferrugini, T. Mitchell, T. Oliver-Smith, J. Rees, and K. Takeuchi, 2014. "Disaster risk reduction and sustainable development," in K. Sassa, P. Canuti, and Y. Yin (eds.), *Landslide Science for a Safer Geoenvironment, Vol. 1*. Switzerland: Springer International Publishing, pp. 211-216.
48. Cutter, S. L., W. D. Solecki, N. Bragado, J. Carmin, M. Fragkias, M. Ruth, and T. Wilbanks, 2014. "Chapter 11: Urban systems, infrastructure, and vulnerability," in *Climate Change Impacts in the United States: The Third National Climate Assessment*, J.M. Melillo, T.C. Richmond, and G.W. Yohe (eds), Washington D.C.: US Global Change Research Program, 11-1-11-nn.
47. Cutter, S.L., 2013. "Vulnerability," *Encyclopedia of Natural Hazards*, P.T. Bobrowsky (ed.), Dordrecht: Springer, pp. 1088-1090.
46. Cutter, S. L. and D.P. Morath, 2013. "The evolution of the Social Vulnerability Index," in J. Birkmann (ed.), *Measuring Vulnerability to Natural Hazards, 2nd Edition*. Bonn: United Nations University Press, pp. 304-321.
45. Cutter, S., B. Osman-Elasha, J. Campbell, S-M. Cheong, S. McCormick, R. Pulwarty, S. Supratid, and G. Ziervogel, 2012. "Managing the risks from climate extremes at the local level," In *Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation* [Field, C. B., V. Barros, T. F. Stocker, D. Qin, D. J. Dokken, K. L. Ebi, M. D. Mastrandrea, K. J. Mach, G.-K. Plattner, S. K. Allen, M. Tignor, and P. M. Midgley (eds.)]. A Special Report of Working Groups I and II of the Intergovernmental Panel on Climate Change (IPCC). Cambridge University Press, Cambridge, UK, and New York, NY, USA, pp. 291-338.
44. Gall, M. and S. L. Cutter, 2012. "Chapter 7 2005 Events and Outcomes: Hurricane Katrina and Beyond," In C. Rubin, *Emergency Management: The American Experience 1900-2010, Second Edition*. Philadelphia: Taylor and Francis, pp. 191-212.

43. Cutter, S. L., 2011. "The Katrina exodus: Internal displacements and unequal outcomes," Foresight Global Environmental Migration, CS1 New Orleans—examining multiple migration outcomes from the same event. <http://www.bis.gov.uk/assets/bispartners/foresight/docs/migration/case-studies/11-1156-cs1-katrina-exodus-internal-displacements.pdf>
42. Emrich, C.; S. L. Cutter, and P. J. Weschler, 2011. "GIS and Emergency Management," in Nyerges, T., H. Couclelis, and R. B. McMaster (eds.), *The SAGE Handbook of GIS and Society*, SAGE Publications, pp. 321-343.
41. Cutter, S. L. 2010. "Social science perspectives on hazards and vulnerability science," In T. Beer (ed.), *Geophysical Hazards: Minimizing Risk Maximizing Awareness*. Springer: 17-30.
40. Cutter, S. L., 2008. "Vulnerability Analysis, Environmental Hazards," in E. Melnick and B. Everitt (eds.), *Encyclopedia of Quantitative Risk Assessment*. Chichester, UK: John Wiley & Sons Ltd., pp. 1845-1848.
39. Cutter, S. L., 2008. "Keep representations simple for effective communication," in A. Bostrom, S. P. French, and S. J. Gottlieb (eds.), *Risk Assessment, Modeling, and Decision Support: Strategic Directions*. Berlin: Springer, pp. 311-312.
38. Cutter, S. L., M. Gall, and C. T. Emrich, 2008. "Toward a Comprehensive Loss Inventory of Weather and Climate Hazards" in H. F. Diaz and R.J. Murnane (eds), *Climate Extremes and Society*, Cambridge: Cambridge University Press, pp. 279-295.
37. Gall, M. and S. L. Cutter, 2007. "2005 Events and Outcomes: Hurricane Katrina and Beyond," Chapter 7 in C. B. Rubin (ed.), *Emergency Management: The American Experience 1900-2005*. Washington D.C.: Public Entity Risk Institute (PERI), pp.185-205.
36. Cutter, S. L., C. T. Emrich, B. J. Adams, C. K. Huyck, and R. T. Eguchi, 2007. "New Information Technologies in Emergency Management," In W. Waugh and K. Tierney (eds.), *Emergency Management: Principles and Practice for Local Government, 2nd edition*. Washington D. C.: International City/County Management Association (ICMA) Press, pp. 279-297.
35. Cutter, S. L. and M. Gall, 2007. "Hurricane Katrina: A Failure of Planning or a Planned Failure?," Chapter 27 In C. Felgentreff and T. Glade (eds.), *Naturrisiken und Sozialkatastrophen*. Berlin and Heidelberg: Springer-Verlag, pp. 353-366.
34. S. L. Cutter, 2006. "Preparing for Emergencies," in K. J. Sparks (ed.), *Encyclopedia Britannica 2006 Book of the Year*. Chicago: Encyclopedia Britannica Inc., pp. 182-83.
33. S. L. Cutter, 2005. "The Geography of Social Vulnerability: Race, Class, and Catastrophe", Social Science Research Council, *Understanding Katrina: Perspectives from the Social Sciences*, <http://understandingkatrina.ssrc.org/Cutter/> Sept. 23, 2005.
Reprinted in D. A. Farber and J. Chen (eds.), *Disasters and the Law: Katrina and Beyond*, Aspen Publishers, 2006, pp. 141-144
32. Cutter, S. L., 2005. "Pragmatism and Relevance: A Response to Wolf R. Dombrowsky," in R.W. Perry and E. L. Quarantelli and (eds.), *What is a Disaster? New Answers to Old Questions*. New York: Xlibris, pp.104-106.

31. Cutter, S. L., 2005. "Are We Asking the Right Question?" in R.W. Perry and E. L. Quarantelli and (eds.), *What is a Disaster? New Answers to Old Questions*. New York: Xlibris, pp. 39-48.
30. Cutter, S. L., 2005. "Hazards Measurement," in K. Kempf-Leonard (ed.), *Encyclopedia of Social Measurement, Volume 2*. New York: Academic Press, pp. 197-202.
29. Cutter, S. L. 2004. "Steps to Insure and Unsuccessful Personnel Search," in M. D. Nellis, J. Monk, and S. L. Cutter (eds.), *Presidential Musings from the Meridian: Reflections on the Nature of Geography by Past Presidents of the Association of American Geographers*. Morgantown, WV: West Virginia University Press, pp.250-252.
28. Cutter, S. L. 2004. "Big Brother's New Handheld," in M. D. Nellis, J. Monk, and S. L. Cutter (eds.), *Presidential Musings from the Meridian: Reflections on the Nature of Geography by Past Presidents of the Association of American Geographers*. Morgantown, WV: West Virginia University Press, pp. 241-244.
27. Cutter, S. L. 2004. "Bring Geography back to Harvard and Yale and ...", in M. D. Nellis, J. Monk, and S. L. Cutter (eds.), *Presidential Musings from the Meridian: Reflections on the Nature of Geography by Past Presidents of the Association of American Geographers*. Morgantown, WV: West Virginia University Press, pp. 225-227.
26. Cutter, S. L. 2004. "Taking Some of the Ivory out of the Ivory Tower," in M. D. Nellis, J. Monk, and S. L. Cutter (eds.), *Presidential Musings from the Meridian: Reflections on the Nature of Geography by Past Presidents of the Association of American Geographers*. Morgantown, WV: West Virginia University Press, pp. 200-202.
25. Cutter, S. L., 2004. "Why Didn't Geographers Map the Human Genome?" in M. D. Nellis, J. Monk, and S. L. Cutter (eds.), *Presidential Musings from the Meridian: Reflections on the Nature of Geography by Past Presidents of the Association of American Geographers*. Morgantown, WV: West Virginia University Press, pp. 178-181.
24. Montz, B. E., J. A. Cross, and S. L. Cutter, 2003. "Hazards," in G. Gaile and C. Willmott (eds.), *Geography in America II*. Oxford: Oxford University Press, pp. 481-491.
23. Wilbanks, T. J., R. W. Kates, D. P. Angel, S. L. Cutter, W. E. Easterling, and M. Mayfield, 2003. "The Research Strategy: Linking the Local to the Global," in The Association of American Geographers Global Change in Local Places (GCLP) Research Group, *Global Change and Local Places: Estimating, Understanding, and Reducing Greenhouse Gases*. Cambridge: Cambridge University Press, pp. 27-54.
22. Cutter, S. L., J. T. Mitchell, A. Hill, L. Harrington, S. Kaktins, W. Muraco, J. DeHart, A. Reynolds, and R. Shudak, 2003. "Attitudes toward Reducing Greenhouse Gas Emissions from Local Places," in The Association of American Geographers Global Change in Local Places (GCLP) Research Group, *Global Change and Local Places: Estimating, Understanding, and Reducing Greenhouse Gases*. Cambridge: Cambridge University Press, pp. 171-191.
21. Knight, C. G., S. L. Cutter, J. DeHart, A. Denny, D. G. Howard, S. Kaktins, D. E. Kromm, S. E. White, and B. Yarnal, 2003. "Reducing Greenhouse Gas Emissions: Learning from Local Analogs," in

The Association of American Geographers Global Change in Local Places (GCLP) Research Group, *Global Change and Local Places: Estimating, Understanding, and Reducing Greenhouse Gases*. Cambridge: Cambridge University Press, pp. 192-213.

20. Thomas, D. S. K., S. L. Cutter, M. E. Hodgson, M. Gutekunst, and S. Jones, 2003. "Use of Spatial Data and Geographic Technologies in Response to the September 11 Terrorist Attack on the World Trade Center," in Natural Hazards Research and Applications Information Center, Public Entity Risk Institute, and Institute for Civil Infrastructure Systems, *Beyond September 11th: An Account of Post-disaster Research*. Special Publication 39. Boulder, CO: Natural Hazards Research and Applications Information Center, University of Colorado, pp.147-162.

19. Cutter, S. L., D. B. Richardson, and T. J. Wilbanks, 2003. "A Research and Action Agenda," in S. L. Cutter, D. B. Richardson, and T. J. Wilbanks (eds.), *The Geographical Dimensions of Terrorism*. New York and London: Routledge, pp. 223-229.

18. Cutter, S. L., D. B. Richardson, and T. J. Wilbanks, 2003. "The Changing Landscape of Fear," in S. L. Cutter, D. B. Richardson, and T. J. Wilbanks (eds.), *The Geographical Dimensions of Terrorism*. New York and London: Routledge, pp. 1-5.

Reprinted in G. R. Pitzl (ed.), 2006. *Annual Editions Geography 06/07*. Dubuque, IA: McGraw Hill, pp. 21-23.

Reprinted in G. R. Pitzl (ed.), 2005. *Annual Editions Geography 05/06*, Dubuque, IA: McGraw-Hill/Dushkin, pp. 17-19.

Reprinted in G. R. Pitzl (ed.), 2004. *Annual Editions Geography*, Dubuque, IA: McGraw-Hill/Dushkin, pp. 17-19.

17. Heinz Center, 2002. *Human Links to Coastal Disasters*. Washington D.C.: The H. John Heinz III Center for Science, Economics, and the Environment (committee member and principal author of chapters 1 and 2).

16. Cutter, S. L. and J. T. Mitchell, 2001. "Environmental Adaptation and Adjustments," in N. J. Smelser and P. B. Bates (eds.), *International Encyclopedia of the Social and Behavioral Sciences*. Oxford, UK: Pergamon, pp. 4576-4580.

15. Cutter, S.L., 2001. "A Research Agenda for Vulnerability Science and Environmental Hazards," in *IHDP Update, Newsletter of the International Human Dimensions Programme on Global Environmental Change* 2/01: 8-9.

14. Cutter, S.L., 2000. "Environmental Disasters," in C. Kramarae and D. Spender (eds.), *Routledge International Encyclopedia of Women: Global Women's Issues and Knowledge, Volume 2*. New York: Routledge, pp. 606-608.

13. Cutter, S.L., 1999. "Issues in Environmental Justice Research," *Proceedings Third National Conference on GIS & Public Health*, San Diego, CA; (available on ATSDR web site, <http://www.atsdr.cdc.gov/gis/conference98/proceedings/proceedings.html#volume3>)

12. Minghi, J.V. and S.L. Cutter, 1999."Political Processes and Global Environmental Change in the Next Millennium", in Elio Manzi and Marcella Schmidt di Friedberg (eds.), *Landscape and Sustainability, Global Change, Mediterranean Historic Centres: From Rediscovery to Exploitation*.

Milan: Guerini and Associates, pp. 301-312.

11. Dow, K., P. Burns, and S.L. Cutter, 1999. "To Stay or Leave: Residents' Evaluation of Hurricane Evacuation Warnings", *Papers and Proceedings of the Applied Geography Conferences*, Volume 22, edited by F. Andrew Schoolmaster, pp. 107-114.

Reprinted: Tobin, G. A. and B. E. Montz (eds), 2015. *Evolving Approaches to Understanding Natural Hazards*: Newcastle upon Tyne: Cambridge Scholars Publishing, Chapter 29, pp. 349-359.

10. Susan L. Cutter, 1999. "Exploiting, Conserving, and Preserving Natural Resources," in *Reordering the World: Geopolitical Analyses of Current Issues, 2nd Edition*, edited by George J. Demko and William Wood. Boulder, CO: Westview Press, pp. 171-191.

9. Michael Scott and Susan L. Cutter, 1996. "GIS and Environmental Equity: An Analysis of the Assumptions," Position paper for the NCGIA Initiative 19: GIS and Social Theory. March, Annandale, MN.

8. Susan L. Cutter, 1994. "Exploiting, Conserving, and Preserving Natural Resources," in *Reordering the World: Geopolitical Analyses of Current Issues*, edited by George J. Demko and William Wood. Boulder: Westview Press, pp. 123-140.

7. Susan L. Cutter, 1993. "The United States: The Costs of Affluence," in *Planet Management*, edited by Michael Williams. New York: Oxford University Press, pp. 52-69.

6. Susan L. Cutter, 1992. "Technological Failures and Toxic Monuments" in *Geographical Snapshots of North America*, edited by D. Janelle *et al.* New York: Guilford Press, pp. 117-121.

5. S.C. Aitken, S.L. Cutter, K.E. Foote, and J.L. Sell, 1989. "Contemporary Research in Environmental Perception and Behavioral Geography," in *Geography in America*, edited by G.L. Gaile and C. Willmott. New York: Merrill Publishing, pp. 218-238.

4. Susan Cutter, 1984. "Resource Recovery: An Overview," Chapter 8 in *Solid Wastes*, Volume IV of Environmental Quality: A Five-Volume Series, edited by George S. Tolley, Joseph Havlicek Jr., and Robert Fabian. Cambridge, MA: Ballinger. pp. 169-190.

3. Susan L. Cutter, 1984. "Residential Proximity and Cognition of Risk at Three Mile Island: Implications for Evacuation Planning," in *Nuclear Power: Assessing and Managing Hazardous Technology*, edited by M.J. Pasqualetti and K.D. Pijawka. Boulder, CO: Westview, pp. 247-257.

2. Susan L. Cutter, Karl F. Nordstrom, and Gail A. Kucma, 1979. "Social and Environmental Factors Influencing Beach Site Selection," in *Resource Allocation Issues in the Coastal Environment*. Arlington, VA: The Coastal Society, pp. 183-194.

1. Karl F. Nordstrom, Susan L. Cutter, and Gail A. Kucma, 1979. "The Role of User Preference Research in the Planning and Management of Urban Shoreline Parks," *Proceedings, Second Conference on Scientific Research in the National Parks*, Volume 6 Sociology. Washington: Government Printing Office, pp. 128-134.

Other Publications

50. Cutter, Susan L., 2025. History shows why FEMA is essential in disasters, and how losing independent agency status hurt its ability to function, *The Conversation*, August 6, 2025. <https://theconversation.com/history-shows-why-fema-is-essential-in-disasters-and-how-losing-independent-agency-status-hurt-its-ability-to-function-262477>
49. Cutter, S.L. 2025. "Hurricanes Camille and Katrina: A Brief History of Landscape Change and Human Impact," Digital Snapshots, Mississippi Department of Archives and Histories (MDAH) and Center for Digital Humanities at University of Southern Mississippi. <https://www.dh-mdah.org/hurricanes-camille-katrina>.
48. Committee on Measuring Community Resilience, 2019. *Building and Measuring Community Resilience: Actions for Communities and the Gulf Research Program*. The National Academies: Washington D.C. (Authoring members-Thad Allen (co-chair), Gerald E. Galloway, Jr. (co-chair), Michael Beck, Anita Chandra, Erin Coryell, Susan L. Cutter, Ann-Margaret Esnard, Howard Frumkin, Melanie Gall, Maureen Lichtveld, Carolos Martín, Chris Poland, Liesel Ritchie, and Kathryn Sullivan).
47. Cutter, S.L., C.T. Emrich, M. Gall, S. Harrison, R.R. McCaster, S. Derakhshan, and E. Pham, 2019. *Existing longitudinal data and systems for measuring the human dimensions of resilience, health, and well-being in the Gulf Coast*. Gulf Research Program, National Academies of Sciences, Engineering, and Medicine: Washington D.C. https://www.nationalacademies.org/cs/groups/gulfsite/documents/webpage/gulf_195233.pdf
46. Cutter, Susan L., 2018. The science, skill—and luck—behind evacuation order calls, *The Conversation* 9/17/18. <https://theconversation.com/the-science-skill-and-luck-behind-evacuation-order-calls-103209>.
45. Cutter, Susan and Christopher Emrich, 2017. Helping those most in need first: Leveraging social vulnerability research for equitable disaster recovery, *Research Counts*, Boulder, CO: Natural Hazards Center, pp 12-13; [https:// hazards.colorado.edu/news/research-counts](https://hazards.colorado.edu/news/research-counts).
44. Clark-Ginsberg, A., B. Aguirre, T. Birkland, K. E. Browne, S. L. Cutter, A. Oliver-Smith, C. Perrow, and B. Wisner, 2017. How FEMA can avoid disaster if the Trump administration changes its policies. Stanford University, Freeman Spogli Institute for International Studies, <https://medium.com/freeman-spogli-institute-for-international-studies/how-fema-can-avoid-disaster-if-the-trump-administration-changes-its-policies-8aa36f8241ac>
43. Emrich, Christopher T, Jeffrey R. Sanderson, and Susan L. Cutter, 2016. The social vulnerability index (SoVI®) as a decision support tool in prioritizing disaster recovery efforts, in S.E. Flynn, *The South Carolina Deluge: Lessons from a Watershed Disaster A Center for Resilience Studies Assessment*, Boston, MA: Northeastern University Center for Resilience Studies, pp 41-51. http://www.northeastern.edu/resilience/wp-content/uploads/2016/09/S_Flynn_South_Carolina_Deluge-Resilience_Lessons-from_a_Watershed_Disaster_Northeastern_Univ_Aug16.pdf
42. Cutter, S.L. and C. Emrich, 2015. "A Tale of Two Recoveries: 5 Lessons from Hurricanes Katrina and Sandy." *Emergency Management* June 25, 2015. <http://www.emergencymgmt.com/disaster/A-Tale->

[of-Two-Recoveries-Hurricanes-Katrina-and-Sandy-.html](#)

41. Ismail-Zadeh, A. and S. Cutter (editors and authors), 2015. *Disaster Risks Research and Assessment to Promote Risk Reduction and Management*. Paris: ICSU-ISSC Ad-hoc Group on Disaster Risk Assessment. http://www.icsu.org/science-for-policy/disaster-risk/documents/DRRsynthesisPaper_2015.pdf
40. Gall, M., C. T. Emrich and S. L. Cutter, 2014. Who Needs Loss Data? Background Paper for the Global Assessment Report on Disaster Risk Reduction 2015 (GAR15). Geneva, Switzerland: UNISDR. <http://www.preventionweb.net/gar> [forthcoming]; excerpts included in GFDRR, 2014. *Understanding Risk in an Evolving World: Emerging Best Practices in Natural Disaster Risk Assessment*. Washington, D.C.: The World Bank, pp 59-63. Available at https://www.gfdr.org/sites/gfdr/files/publication/Understanding_Risk-Web_Version-rev_1.8.0.pdf
39. Gall, M., S. L. Cutter, and K. Nguyen, 2014. *Incentives for Disaster Risk Management (IRDR AIRDR Publication No. 2)*. Beijing, China: Integrated Research on Disaster Risk (IRDR). Available at <http://www.irdrinternational.org/>
38. Gall, M., S. L. Cutter, and K. Nguyen, 2014. *Governance in Disaster Risk Management (IRDR AIRDR Publication No. 3)*. Beijing, China: Integrated Research on Disaster Risk (IRDR). Available at <http://www.irdrinternational.org>
37. Gall, M., S. L. Cutter, and K. Nguyen, 2014. *Transformative Development and Disaster Risk Management (IRDR AIRDR Publication No. 4)*. Beijing, China: Integrated Research on Disaster Risk (IRDR). Available at <http://www.irdrinternational.org>
IRDR, 2014. *Guide to the IRDR Assessment on Integrated Research on Disaster Risk, IRDR AIRDR Publication No. 1*. Beijing, China: Integrated Research on Disaster Risk (IRDR). Available at <http://www.irdrinternational.org>
36. IRDR, 2014. *Peril Classification and Hazard Glossary*. Report by the DATA Working Group of the IRDR. Beijing, China: Integrated Research on Disaster Risk (IRDR). Available at <http://www.irdrinternational.org/2014/03/28/irdr-peril-classification-and-hazard-glossary/>
35. Cutter, S. L. and C. Corendea (eds), 2013. *From Social Vulnerability to Resilience: Measuring Progress toward Disaster Risk Reduction*. Source No. 17, Bonn: UNU-EHS, United Nations University.
34. Oliver-Smith, A., S. L. Cutter, K. Warner, C. Corendea, and K. Yuzva, 2012. *Addressing loss and damage in the context of social vulnerability and resilience*. Policy Brief No. 7. Bonn: United Nations University, Institute for Environment and Human Security (UNU-EHS), 46 pp.
33. National Research Council, 2012. *Disaster Resilience; A National Imperative*. Washington D.C.: National Academies Press. Chair of the authoring team, Committee on Increasing National Resilience to Hazards and Disasters.
32. NSF Advisory Committee for Environmental Research and Education, 2009. *Transitions and Tipping Points in Complex Environmental Systems*. Washington D.C.: National Science Foundation, 57 pp.

31. Warner, K., N. Ranger, S. Surminiski, M. Arnold, J. Linnerooth-Bayer, E. Michel-Kerjan, P. Kovacs, C. Herweijer, C. Bals, L. Bouwer, I. Burton, S. Cutter, B. Elasha, P. Hoeppe, T. Loster, O. Mahul, R. Mearns, Y. Sokona, B. Ward, 2009. *Adaptation to Climate Change: Linking Disaster Risk Reduction and Insurance*. Geneva: UN International Strategy for Disaster Risk Reduction Secretariat, 18pp.
30. Cutter, S. L., L. Barnes, M. Berry, C. Burton, E. Evans, E. Tate, and J. Webb, 2008. *Community and regional resilience: Perspectives from hazards, disasters, and emergency management. CARRI Research Report 1*. Oak Ridge National Lab: Community and Regional Resilience Initiative, <http://www.resilientus.org/reports.html>.
29. Cutter, S.L. 2008. A framework for measuring coastal hazard resilience in New Jersey communities. White Paper for the Urban Coast Institute. URL: http://www.monmouth.edu/urban_coast_institute/articles/SusanCutterFrameworkforMeasuringCoastalHazardResilientCommunitiesNJ.pdf
28. Peterson, T. C., D. M. Anderson, S. J. Cohen, M. Cortex-Vazquez, R. J. Murnane, C. Parmesan, D. Phillips, R. S. Pulwarty, J. M. R. Stone with contributing authors T. G. Houston, S. L. Cutter and M. Gall, 2008. Why weather and climate extremes matter. In *Weather and Climate Extremes in a Changing Climate. Regions of Focus: North America, Hawaii, Caribbean, and U.S. Pacific Islands*. T. R. Karl, G. A. Meehl, C. D. Miller, S. J. Hassol, A. M. Waple, and W. L. Murray (eds.). A Report by the U.S. Climate Change Science Program and the Subcommittee on Global Change Research, Washington, DC. URL: <http://www.climatechange.gov/Library/sap/sap3-3/final-report/default.htm>
27. Piegorsch, Walter W. and Susan L. Cutter, 2008. Urban centers exhibit differential vulnerability to terrorism. *Contingency Today*, 14 April 2008, URL: http://www.contingencytoday.com/online_article/Urban-centers-exhibit-differential-vulnerability-to-terrorism/1145
26. Gall, Melanie and Susan L. Cutter, 2007. *Natural and Human-Induced Disasters and Other Factors Affecting Future Emergency Response and Hazard Management: Trends and Outlook*. Alexandria, VA: Institute for Water Resources (IWR), US Army Corps of Engineers, *Water Resources Outlook 2007-R-4*, 68 pp. URL: <http://www.iwr.usace.army.mil/inside/products/pub/iwrreports/2007-R-04.pdf>
25. Cutter, Susan L., 2007. "Human Occupance of Floodplains: Past, Present, Future," in ASFP Foundation, *Background Reading for the Gilbert F. White National Flood Policy Forum, 2007 Assembly, Floodplain Management 2050*. Available online at: http://www.floods.org/Foundation/Files/2007_GFW_Forum_Background_Reading.pdf
24. Cutter, Susan L., 2007. "Estimating Disaster Resilience: The Social Vulnerability Index of the United States (SoVI), EEIP Virtual Forum Presentation, June 13, 2007. Transcript available online at: <http://www.emforum.org/vforum/lc070613.htm>
23. National Research Council, 2007. *Tools and Methods for Estimating Populations at Risk from Natural Disasters and Complex Humanitarian Crises*. Washington D.C.: National Academies Press. Chair of the authoring team, Committee on the Effective Use of Data, Methodologies, and Technologies to Estimate Subnational Populations at Risk.
22. National Research Council, 2007. *Successful Response Starts with a Map: Improving Geospatial*

Support for Disaster Management. Washington D.C.: National Academies Press. Member of the authoring team, Committee on Planning for Catastrophe: A Blueprint for Improving Geospatial Data, Tools, and Infrastructure.

21. National Research Council, 2006. *Facing Hazards and Disasters: Understanding Human Dimensions*. Washington D.C.: National Academies Press. Member of the authoring team, Committee on Disaster Research in the Social Sciences: Future Challenges and Opportunities.

20. Brewer, G. D. and P. C. Stern (eds.), 2005. *Decision Making for the Environment: Social and Behavioral Science Research Priorities*. Washington D. C.: National Academies Press. Member of authoring team, Panel on Social and Behavioral Science Research Priorities for Environmental Decision Making, Committee on the Human Dimensions of Global Change, National Research Council.

19. National Research Council, 2005. *Earth Science and Applications from Space: Urgent Needs and Opportunities to Serve the Nation*. Member of authoring team, Committee on Earth Science Applications from Space, Space Studies Board.

18. Cutter, S.L., 2005. "The Role of Vulnerability Science in Disaster Preparedness and Response Research". Testimony Provided to the Subcommittee of the U.S. House of Representative's Committee on Science "The Role of Social Science Research in Disaster Preparedness and Response", November 10, 2005. <http://www.house.gov/science/hearings/research05/nov%2010/cutter.pdf>. Formal hearing record: The Role of Social Science Research in Disaster Preparedness and Response, 2006. Hearing before the Subcommittee on Research, Committee on Science, House of Representatives, 109th Congress. Washington D.C.: Government Printing Office, Serial No. 109-32.

17. Cutter, S.L. 2005. "Making the Tough Calls on Disaster Evacuations", Guest Columnist, *The State*, September 19, 2005, p. A11.

16. Beer, Tom, Peter Bobrowsky, Paolo Canuti, Susan Cutter, and Stuart Marsh. 2004. "Hazards—Minimising risk, maximizing awareness", Prospectus for a Key Theme for the International Year of the Planet Earth 2005-2007. Earth Sciences for Society, International Union of Geological Sciences, UNESCO. Leiden, The Netherlands: Earth Sciences for Society Foundation, 16 pp. Available online: <http://www.esfs.org>

15. Cutter, S.L. 2003. "The Geography of Terror". *Directions Magazine*, April 20, 2003. http://www.directionsmag.com/article.php?article_id=328.

14. Cutter, S.L., D. Richardson, and T. Wilbanks. 2002. *The Geographical Dimensions of Terrorism: Action Items and Research Priorities*. Washington D.C.: Association of American Geographers. 12 pp.

13. Thomas, D.S.K., S.L. Cutter, M. Hodgson, M. Gutekunst, and S. Jones, 2002. "Use of Spatial Data and Geographic Technologies in Response to the September 11 Terrorist Attack," Quick Response Report #153, <http://www.colorado.edu/hazards/qr/qr153/qr153.html>

12. Cutter, S.L., 2001. "The Geography of Hazard Events and Losses," *Natural Hazards Observer* XXVI (1) September: 3-4.

11. Mitchell, J.T. and S.L. Cutter, 1997. "Global Change and Environmental Hazards: Is the World

Becoming More Disastrous?" Module developed for the *AAG/CCG2 Project Developing Active Learning Modules on the Human Dimensions of Global Change*. Washington D.C.: Association of American Geographers, 157 pp.

10. Cutter, S.L., 1994. "The Burdens of Toxic Risks: Are They Fair?", *South Carolina Business and Economic Review* 41 (1): 3-7.

9. Cutter, S.L. and Langdon S. Warner, 1993. "Blue Rage: Three Books on Environmental Advocacy and the Protection of Marine Resources," *Coastal Management* 21 (3): 229-233.

8. Cutter, S.L., 1992. "Understanding Technological Hazardscapes: The Case of Airborne Toxic Releases," *Acta Universitatis Carolinae Geographica* XXVII (1): 115-120.

7. Cutter, S.L., 1991. "Green Cities," in *The 1992 Information Please Environmental Almanac*, compiled by World Resources Institute. Boston: Houghton-Mifflin, pp. 169-186.

6. Cutter, S.L., 1991. "Remnant Socialist landscapes: Czechoslovakia's environmental crises," *Geography: A Newsletter for Educators* 1(2): 5-7, published by John Wiley & Sons.

5. Cutter, S.L., 1991. "Ecocide in Babylon," *Focus* Summer 41 (2): 26-31.

4. Cutter, S.L., 1991. "Environmental Crises in the Persian Gulf Region," *Geography: A Newsletter for Educators* (John Wiley & Sons) 1(1): 5-6.

3. Cutter, S.L. and Clara L. Toro, 1990. "Colombia: Miami Vice Depictions or Terra Incognitae," *Focus* Spring 40 (1): 28-32.

2. Caris (Cutter), S. and Hilary L. Renwick, 1980. "The Myth of the Women's Session," *Transition* 10(1):14-17.

1. (Caris) Cutter, S. 1978. "Geographic Perspectives on Women: A Review," *Transition* 8(1):10-14.

Journal Editorials

Cutter, S.L., 2021. Nature and the rivers of life: William L. Graf, 1947-2019, *Annals of the American Association of Geographers* 111 (6): 1880-1886.

O'Riordan, T., A.H. McGowan, S. Cutter, R. Hamann, and M. Lahsen, 2020. Reframing sustainability in the emergent age, *Environment: Science and Policy for Sustainable Development* 62 (6): 2-7.

Huntington, H.P., E. Archer, E., W.S. Ashley, S.L. Cutter, M.A. Goldstein, C. Roncoli, and T.L. Spero, 2020. Data availability principles and practice, *Weather, Climate and Society* 12(4): 647-649.

Cutter, S. L. 2019. The demise of environmental governance, *Environment: Science and Policy for Sustainable Development* 61(4):2-3.

Cutter, S.L. 2018. Zero tolerance, zero order responders. *Environment: Science and Policy for*

Sustainable Development 60(5):2-3.

Cutter, S.L. 2018. Forbidden words. *Environment: Science and Policy for Sustainable Development* 60(2):2-3.

Cutter, S. L. 2016. Our hazardous environment: four decades of progress or retrenchment? *Environment: Science and Policy for Sustainable Development* 58(1):2-4.

Cutter, S.L. 2015. The precarious nature of food, *Environment: Science and Policy for Sustainable Development* 57(3):2-3.

Cutter, S.L., 2013. Falling off the cliff into the rising tides: regaining resilience, *Environment: Science and Policy for Sustainable Development* 55(2):2.

Cutter, S.L., 2012. Preparing for the worst, hoping for the best, *Environment: Science and Policy for Sustainable Development* 54(2):2-3.

O’Riordan, T., A. A. Leiserowitz, R. S. DeFries, A. H. McGowan, and S.L. Cutter, 2010. Copenhagen revisited, *Environment: Science and Policy for Sustainable Development* 52(3):1.

Cutter, S.L., 2010. Anticipating surprise: Will we be prepared for the next humanitarian crisis? *Environment: Science and Policy for Sustainable Development* 52(2):2.

Leiserowitz, A. A., S. L. Cutter, R. S. DeFries, A.H. McGowan, and T. O’Riordan, 2009. Paths of transition, *Environment: Science and Policy for Sustainable Development* 51(6): 1-3.

Cutter, S.L., R. S. DeFries, A. A. Leiserowitz, A.H. McGowan, and T. O’Riordan, 2008. Celebrating 50 years, *Environment: Science and Policy for Sustainable Development* 50(5):C2.

Blog Posts (hazarddoc.wordpress.com)

HazardDoc (SL Cutter), 2021. The long hot summer of 2021: When will we ever learn? September 6, 2021

Cutter, S.L. and S. Derakhshan, 2021. The changing places of vulnerability, June 15, 2021.

HazardDoc (S.L. Cutter), 2021. Cascading hazards: Are they the new canary in the coal mine? March 1, 2021.

HazardDoc (S.L. Cutter), 2021. Dennis S. Mileti: A life well-lived, February 4, 2021.

HazardDoc (S.L. Cutter), 2021. Pandemic fatigue, January 15, 2021.

HazardDoc (S.L. Cutter), 2020. The western inferno: extreme event or the new normal? September 12, 2020.

HazardDoc (S.L. Cutter), 2020. The end of the world? August 25, 2020.

HazardDoc (S.L. Cutter), 2020. The value and sanctity of data in emergency management, July 18, 2020.

HazardDoc (S.L. Cutter), 2020. Double and now triple exposures, June 19, 2020.

HazardDoc (S.L. Cutter), 2020. It is time to reflect, June 6, 2020.

Lee, Logan, Andrew White, and Susan Cutter, 2020. Presidential disaster declarations and the politics of need, May 29, 2020.

HazardDoc (S.L. Cutter), 2020. What is white privilege and how does it relate to disasters? May 22, 2020.

HazardDoc (S.L. Cutter), 2020. Preparing for hurricane season, May 15, 2020.
Hazard Doc (S.L. Cutter), 2020. The geography of disaster deaths and losses, May 7, 2020.
HazardDoc (S.L. Cutter), 2020. Why we worry (or don't worry) about risks, April 30, 2020.
HazardDoc (S.L. Cutter), 2020. Risk and risk reduction is everyone's business, April 22, 2020.
HazardDoc (S.L. Cutter), 2020. Responding to other disasters during the Covid-19 pandemic, April 17, 2020.
HazardDoc (S.L. Cutter), 2020. The federal government is no longer a reliable partner in managing disasters, April 4, 2020.
HazardDoc (S.L. Cutter), 2020. "Shelter in place or stay at home": What we know from hurricane evacuations, March 25, 2020.
HazardDoc (S.L. Cutter), 2020. Déjà vu all over again, March 21, 2020.

Technical Reports

Oxfam America, 2009. Exposed: Social vulnerability and climate change in the US Southeast. Boston, MA: Oxfam America, 20pp. <http://www.oxfamamerica.org/adapt>

Cutter, S. L., C. T. Emrich, J. J. Webb, and D. Morath, 2009. Social Vulnerability to Climate Variability hazards; A Review of the Literature. Boston, MA: Oxfam America, 44pp. http://adapt.oxfamamerica.org/resources/Literature_Review.pdf

Cutter, S.L., G. Melton, and M. Gall, 2008. Implementation of the Social Vulnerability Index for Martin County, Florida: Methods and Results. Appendix D (pp. 153-169) in M. Dunning and CDM, *Handbook on Applying "Other Social Effects" Factors in Corps of Engineers Water Resources Planning*. Report Submitted to US Army Corps of Engineers Institute for Water Resources, July 2008.

Cutter, S. L. and L. R. Barnes, 2007. *Disaster Reduction—Theory and Practice. A Report on a Workshop Sponsored by the National Science Foundation*. Columbia, SC: Hazards & Vulnerability Research Institute, Department of Geography, University of South Carolina, 44pp.

Barnes, L. R. and S. L. Cutter, 2007. "Problem-focused and knowledge-driven research and practice in disasters," pp. 8-22 in Cutter, S. L. and L. R. Barnes, *Disaster Reduction—Theory and Practice. A Report on a Workshop Sponsored by the National Science Foundation*. Columbia, SC: Hazards & Vulnerability Research Institute, Department of Geography, University of South Carolina.

Gall, M. and S. L. Cutter, 2007. *Natural and Human-Induced Disasters and Other Factors Affecting Future Emergency Response and Hazard Management: Trends and Outlook*. Alexandria, VA: Institute for Water Resources, U.S. Army Corps of Engineers, 68 pp.

Cutter, S. L., J. Easoz Painter, and M. Bartis. 2002. *Assessing Repetitive Flood Losses in South Carolina. Final Report*. Columbia, SC: South Carolina Department of Natural Resources. 52pp.

Cutter, S. L. A. A. Hill, and S. D. Jones. 2001. *Hazardous Material Flow Analysis, Phase Three—South Carolina's Midlands. Final Project Report*. Columbia, South Carolina: South Carolina Emergency Preparedness Division, Office of the Adjutant General. 34pp.

Cutter, S. L. and M. Baker. 2000. *Hazardous Material Flow Analysis, Phase Two—South Carolina's Low County. Final Project Report.* Columbia, South Carolina: South Carolina Emergency Preparedness Division, Office of the Adjutant General. 38 pp.

Cutter, S. L., J. T. Mitchell, and M. Baker, 1999. *Hazardous Material Flow Analysis, Phase One—Upstate South Carolina. Final Project Report.* Columbia, South Carolina: South Carolina Emergency Preparedness Division, Office of the Adjutant General. 42 pp.

Cutter, S.L., M.E. Hodgson, and K. Dow, 1999. *Subsidized Inequities: The Spatial Patterning of Environmental Risks and Federally-Assisted Housing, Final Report.* US Department of Housing and Urban Development (HUD), Policy Development and Research Small Grant Competition, 45 pp. Plus appendices.

Cutter, S.L., J.T. Mitchell, and M.S. Scott, 1997. *Handbook for Conducting a GIS-based Hazards Assessment at the County Level.* Columbia, SC: South Carolina Emergency Preparedness Division, 54 pp.

Cutter, S.L., J.T. Mitchell, M.S. Scott, and D.S.K. Thomas, 1997. *A GIS-based Hazards Assessment for Georgetown County, South Carolina.* Unpublished Final Report for the SC Emergency Preparedness Division. Columbia, SC: Hazards Research Lab, Department of Geography, University of South Carolina, 71pp.

Michael S. Scott, Charmel Menzel, and Susan L. Cutter, 1997. *Relative Risk Profiles: A Methodology for Assessing Community Risk.* Hazards Research Lab Discussion Paper #9. Columbia, SC: Department of Geography, University of South Carolina, 43pp

Jerry Mitchell, Deborah Thomas, and Susan L. Cutter, 1997. *Measuring Environmental Equity in South Carolina.* Hazards Research Lab Discussion Paper #8. Columbia, SC: Department of Geography, University of South Carolina, 21pp.

Joan Ehrenfeld, Susan Cutter, and Enid Lotstein, 1989. *Interactions Between Vegetation and Visitors in the Fire Island National Seashore Wilderness Area, Final Report.* New Brunswick, NJ: National Park Service Cooperative Research Unit, Rutgers University, 149 pp.

Joanna Regulska and Susan L. Cutter, 1989. "Putting Geography into Your Classroom." Rutgers University, Dept. of Geography, 24 pp.

Susan L. Cutter and Joanna Regulska (eds.), 1987. "Fostering Global Thinking: A Geographical Teaching Resource Guide." Rutgers University, Dept. of Geography, 65 pp.

Susan L. Cutter, William D. Solecki, and Antony B. Mason, 1987. "Emergency Response Planning for Acute Releases of Hazardous Substances: An Annotated Bibliography." Department of Geography Discussion Paper #25. 33 pp.

Susan L. Cutter, Jeffrey Callahan, Wayne Douglas, Deborah Greenwood, and Enid L. Lotstein, 1986. "Angoff and Mencken's 'Worst American State' Revisited: Interstate Rankings of Quality." Department of Geography Discussion Paper #23. Rutgers University, 34 pp.

Susan L. Cutter and Kent Barnes, 1982. "Three Mile Island: Risk Assessment and Coping Responses of Local Residents, A Summary Report," Department of Geography Discussion Paper #20. Rutgers University, 13 pp.

Susan L. Cutter, Stephen Decker, James Brosius, and Charles Kelly, 1980. "Institutional and Individual Responses to Toxic Chemical Fires: The Chemical Control Corporation Fire, April 21, 1980, Elizabeth, NJ," Department of Geography Discussion Paper #17. Rutgers University, 36 pp.

Susan L. Cutter, Kent Barnes, James Brosius, Robert McCarthy, and Aletha Spang, 1980. "Community Recycling in New Jersey," Research Bulletin B-855. New Brunswick: New Jersey Agricultural Experiment Station.

Kent Barnes, James Brosius, Susan L. Cutter, and James K. Mitchell, 1979. "Responses of Impacted Populations to the Three Mile Island Nuclear Reactor Accident: An Initial Assessment," Department of Geography Discussion Paper #13. Rutgers University, 26 pp.

Research Grants

External Funding (since 2015)

2023 Cutter, S.L. (PI), Collaborative Research: RII Track-2 FEC: Where we live (W2L): Local and place based adaptation to climate change in underserved rural communities, National Science Foundation, October 1, 2023-September 30, 2027, \$1,780,000. Total award including University of Nevada, Reno and University of Idaho, \$5,991,257.

2023 Cutter, S.L. (PI), Strengthening charitable food system capability for effective disaster preparedness, response, and recovery, subaward from Virginia Tech/Feeding America, January 1, 2023-December 31, 2024, \$51,400.

2022 Cutter, S.L. (PI), S. Adamo (co-PI), Identification of disadvantaged and low capacity communities subject to wildfire risks, NASA, July 1, 2022-September 30, 2023, \$120,000.

2022 Cutter, S.L. (PI). Assessment of resilience best practices and metrics in support of state resilience planning efforts, South Carolina Office of Resilience, July 1, 2022-August 15, 2023, \$65,000.

2022 Dow, K. (PI), Cutter, S.L., G. Carbone, A. Hiscox, B. Robertson (co-PIs), Addressing geographical and social diversity in heat health messaging, NOAA, May 1, 2022-April 30, 2025, \$450,000.

2021 Cutter, S.L. (PI). Post-audit of social vulnerability metrics supporting disaster recovery, Addition to Mitigation needs assessment for CDBG-MIT Plan, South Carolina Disaster Recovery Office, May 16, 2021-May 15, 2022, \$40,000.

2021 Cutter, S.L. (co-PI). Planning Grant: Engineering Research Center for Wildfire Hazard Resilience and Risk Engineering (WiRE), UCLA Primary Lead/National Science Foundation, September 1, 2021-August 31, 2022, \$100,000 (UofSC portion is \$5000).

2021 Cutter, S.L. (PI). SCEMD Multi-Hazard Mitigation Plan 2023 Update. SC Emergency Preparedness

Division/FEMA, March 1, 2021-February, 2023, \$109,030.

2021 Cutter, S.L. (PI). Evaluation services to Feeding America for building capacity for effective disaster preparedness and recovery, subaward from Virginia Tech/Feeding America, January 1-December 31 2021, \$30,556.

2019 Cutter, S.L. (PI). Why location matters: how smarter decision-making by renters and homebuyers will increase coastal resilience, subaward from U Central Florida/Gulf Research Program, October 1, 2019-September 30, 2023, \$170,000.

2019 Cutter, S.L. (PI). Evaluation services to Feeding America for building capacity for effective disaster preparedness and recovery, subaward from Oklahoma State University, December 1, 2019-August 15, 2020, \$20,776.

2019 Cutter, S.L. (PI). Mitigation needs assessment for CDBG-MIT Plan, SC Disaster Recovery Office, October 1, 2019-September 30, 2021,\$50,000.

2018 Cutter, S.L. (PI). Climate change adaptation and vulnerability, Collaboration with Chr Michelsen Institute, Norway, March 1, 2018- February 28, 2021, \$32,815.

2018 Cutter, S.L. (PI). Existing Longitudinal Data and Systems for Measuring the Human Dimensions of Resilience, Health, and Well-Being in the Gulf Coast, National Academies Gulf Research Program, June 22, 2018-June 8, 2019, \$178,000.

2017 Cutter, S.L. (PI). Social vulnerability element of FEMA's Risk Index, Atkins, NA, Inc./FEMA, January 15, 2017-January 14, 2019, \$150,800.

2016 Cutter, S.L.(PI) and M. Gall (co-PI) Improving risk assessment in support of state hazard mitigation planning, SCEMD/FEMA, June 2, 2016-June 1, 2019, \$420,790.

2015 Cutter, S.L. (PI) with M. Gall and C. T. Emrich (co-investigators), Improving drought loss accounting in the Spatial Hazard Events and Losses Database for the United States (SHELDUS), NOAA, July 1, 2015-June 30, 2017, \$60,000.

2015 Gall, M. (PI), C. T. Emrich, and S.L. Cutter (co-PIs). Multi-scale spatio-temporal evaluation of mitigation effectiveness in reducing natural hazard damage and loss, LSU (GOSEP/DHS/FEMA), March 1, 2015-February 28, 2017, \$185,054.

2015 Emrich, C.T. (PI), M. Gall, and S. L. Cutter (co-PIs). Statewide, Web-based risk assessment planning project for Florida, Florida Department of Emergency Management, July 1, 2015-June 30, 2016, \$237,163.

Patents and Trademarks

2011 Registered Trademark for SHELDUS (Reg. No. 4,037,284, First Use 7-1-2003; in Commerce 7-1-2003), registered October 11, 2011 (Ser. No. 85-103,744, Filed 8-10-2010); Continued use /live

status 9/13/2017.

2011 Registered Trademark for SOVI (Reg. No. 4,037,285, First Use 7-1-2003; in Commerce 7-1-2003), registered October 11, 2011 (Ser. No. 85-103,746, Filed 8-10-2010); Continued use/live Status 9/13/2017, 9/24/2021.

Editorships (since 2015)

2025- Senior Consulting Editor, *Environment: Science and Policy for Sustainable Development*
2021- Editorial Board, *Intl. Journal of Urban Informatics*
2018-20 Editor, *Weather, Climate, and Society* (AMS Publications)
2018-21 Editorial Board, *Boletín de la Asociación de Geógrafos Españoles (BAGE)* (Spanish Association of Geographers –Asociación de Geógrafos Españoles)
2013-19 Editor-in-Chief, Oxford Research Encyclopedia: Natural Hazard Science
<http://naturalhazardscience.oxfordre.com/>
2014-18 Editorial Board, *Annals of the American Association of Geographers* (Taylor & Francis)
2013- Advisory Board, *Journal of Extreme Events* (World Scientific)

Invited Lectures (Since 2015)

2025

Cutter, S.L. 2025. Wildfire recovery and social vulnerability, Panel Discussion on Resilience and Recovery Dimensions, Global Wildfire Collective Webinar (remote), March 20, 2025 (Invited).

Cutter, S.L. 2025. Panelist, Plenary Panel: Assessing Current Conditions—Challenges to Emergency Management, Natural Hazards Center Annual Workshop Broomfield, CO, July 15, 2025 (Invited),

2024

S.L. Cutter, 2024. Community disaster resilience: To what? For Whom?, 2024 Rachel Carson Distinguished Anniversary Series Lecture, Michigan State University, East Lansing, MI (remote), October 10, 2024 (**Invited**).

S. L. Cutter, Challenges, research needs, and gaps in understanding the socioecological consequences of wildfire, The Social-Ecological Consequences of Future Wildfire in the West: A Workshop, The National Academies of Sciences, Engineering, and Medicine and the Royal Society of Canada, Irvine, CA, June 13-14, 2024 (**Invited Keynote**)

S.L. Cutter, History of and development of resilience metrics, PEW 2024 State Resilience Planning Group Convening, “State and Federal Resilience Initiatives Making a mark: Measuring Impact and Sharing Success, Washington D.C., June 4-5, 2024 (**Invited**).

2023

S.L. Cutter, 2023. Social vulnerability and hazards: From concept to practical applications, Texas 2050 Symposium, University of Texas, Austin, TX, February 28, 2023, (**Invited Keynote**).

S.L. Cutter, Environmental hazards in the Anthropocene, U.S. Society of Dams Plenary, Charleston, SC,

April 18, 2023 (**Invited Keynote**).

S.L. Cutter, Local government responses to disproportionate impacts of disasters on vulnerable populations, National Association of Counties (NACo), Remote via Zoom, May 26, 2023 (**Invited**).

S.L. Cutter, Social vulnerability and hazards, Malcolm L. Comeaux Lecture, Arizona State University, Tempe, AZ, November 3, 2023 (**Invited**).

2022

Cutter, S.L., 2022. Spatial inequalities in climate-sensitive hazard impacts, Center for Geographic Analysis (CGA), Harvard University Virtual Forum 2022: The Uneven Geography of Climate Change, May 20, 2022, online (**Invited**).

<https://gis.harvard.edu/event/cga-virtual-forum-2022-uneven-geography-climate-change>

Cutter, S.L., 2022. What do we do next? Applied research needs for hazard mitigation and resilience, National Academies (NASEM) Resilient America Program Workshop: Hazard Mitigation and Resilience Applied Research Topics-Compounding and Cascading Events, May 31, 2022, online (**Invited**).

Cutter, S.L., 2022. Quantifying social vulnerability, SC Emergency Management Division 2022 Day of Recovery, July 27, 2022, West Columbia, SC (**Invited**).

Cutter, S.L., 2022. Enhancing community resilience through disaster recovery, Dr. Lucy Jones Center for Science and Policy Recovery to Resilience Symposium, August 5, 2022, online (**Invited**).

<https://drlucyjonescenter.org/event/recovery-to-resilience-symposium/>

Cutter, S.L., 2022. Disaster inequality and equitable risk reduction, Keynote Speaker 4th Kenji Ishihara Colloquium on Earthquake Engineering, EERI San Diego Chapter, September 2, 2022, online (**Invited**).

Cutter, S.L., 2022. Disaster inequality and equitable risk reduction, Cambridge Disaster Research Network, October 25, 2022, online (**Invited**). <https://www.youtube.com/watch?v=kIJXNW3aGnk>

Cutter, S.L., 2022. Disaster resilience and inequality: making squishy real, November 11, 2022, University of Connecticut Department of Geography, Storrs, CT (**Invited**).

Cutter, S.L., 2022. Panelist, National Academies, Geographical and Geospatial Sciences Committee, Cascading Failures, Compounding Risks, and Social Instability, Exploring the Geographical Dimensions of Extreme Climate Change, December 8, 2022, online (**Invited**).

2021

Cutter, S.L., 2021. Persistent Inequalities in Disaster Risk, Environmental Justice and Sustainability Seminar, The Bill Land Center for the American West, Stanford University, February 19, 2021 (**Invited**, online)

Cutter, S.L., 2021. Urban Risks and Resilience, Urban Transformations & Regional Resilience Virtual Lecture Series, Purdue University, April 14, 2021 (**Invited**, online)

Cutter, S.L., 2021. Flood Risk, Vulnerability, and Resilience in the Americas, International Conference on Flood Management 8, August 10, 2021 (**Invited Keynote**, online)

Cutter, S.L. 2021. The Evidentiary Basis for Equitable Risk Reduction in an Era of Increasing Disaster Risk Inequality, NatRiskChange Conference, Potsdam, Germany, October 5, 2021 (**Invited Keynote**, online)

2020

Cutter, S.L., 2020. The changing nature of hazard and disaster risk, **Distinguished Lecture**, Disaster Risk Science Institute, Australia National University, Canberra, Australia, July 22, 2020 (online).

Cutter, S.L., 2020. Integrating disaster resilience into emergency management at local to national scales: The U.S. experience. Regional Platform for Disaster Risk Reduction, coordinated by Regional Emergency Office of Los Ríos Region (ONEMI Los Ríos), Valdivia, Chile, September 25, 2020. **Invited (online)**

Cutter, S.L., 2020. The politicization of emergency management, **Governance Lecture 2020**, Heidelberg Center for Latin America, Santiago, Chile, October 21, 2020. **Invited (online)**.

Cutter, S.L., 2020. Reflections on monitoring compound risk. Monitoring Global Compound Risk in the COVID-19 Era Webinar, World Bank, UNOCHA, UNPBSO, NYU, November 19, 2020. **Invited (online)**

Cutter, S.L., 2020. Reflections on the changing nature of disaster risk: theory and methods. **Invited Keynote**, Climate Change and Disaster Management Conference, Sydney, Australia, December 2, 2020 (online).

2019

Cutter, S.L., 2019. Compounding, cascading or complex disasters: Are these the new normal? Massey University, March 13, 2019, Wellington, New Zealand. **Invited**

Cutter, S.L., 2019. Disaster vulnerability and resilience science: From theory to practice, Emergency Management Summer Institute, 11-15 March 2019, Massey University, Wellington, New Zealand. **Invited** (lecture presented March 15, 2019).

Cutter, S.L., 2019. Social construction of risks and hazards, FEMA National Emergency Training Center Executive Academy, August 19, 2019, Emmitsburg, MD. **Invited**

Cutter, S.L. 2019. Social construction of risks and hazards, University of Western Ontario, November 14, 2019, London, Ontario, Canada. **Invited**

2018

Cutter, S.L. Adapting social vulnerability to other cultural contexts. Seminario: Vulnerabilidad Social ante Eventos Naturales: Desafíos para Integrar Dependencia a la Red Vial, Pontificia Universidad Católica de Chile, Faculty of Engineering, October 8, 2018, Santiago, Chile. **Invited**

Cutter, S.L. Measuring community resilience to coastal hazards, Seminario: Vulnerabilidades, Riesgos y Desastres en la Zona Costera 2018, Pontificia Universidad Católica de Chile, October 9, 2018, Santiago, Chile. **Invited**

Cutter, S.L. Understanding community resilience to natural hazards: Concepts, tools, practice, Workshop on disasters and its effect on infrastructure (Taller Desastres y su efecto en la infraestructura), Institute of Engineering, National Autonomous University of Mexico (UNAM), May 8-9, 2018, Mexico City, Mexico. **Invited**

Cutter, S.L., Panelist, Plenary 1: Sustainable Infrastructure: Building Resilience in the Face of Disasters, 18th National Conference and Global Forum on Science, Policy, and the Environment, January 23-25, 2018, Washington D.C. **Invited**
2017

Cutter, S. L. Disaster Risk Research Needs and Opportunities on Seasonal-to-Sub-seasonal Timescales, Committee to Advise the U.S. Global Change Research Program, National Academies of Science, Engineering, and Medicine, Washington D.C., December 5, 2017. **Invited**

Cutter, S.L., Disasters: Rescue, Relief, and Recovery, Invited Keynote, Sustainability Teach-In: Disaster Relief in the Caribbean Islands, Clemson Global Engagement & Glenn Department of Civil Engineering, Clemson, SC, November 16, 2017. **Invited Keynote**

Cutter, S.L., Disaster Risk Management: Linking Science to Policy and Practice, Women for Disaster Risk Reduction (w4drr) conference, Trento, Italy, May 4-5, 2017. **Invited Keynote**.

2016

Cutter, S.L., 2016. The role of science in disaster risk management policy and practice. Risk Prevention and Disaster Management Lecture Series 2015/2016, University of Vienna, January 19, 2016, Vienna, Austria. **Invited**.

Cutter, S.L., 2016. The changing context of hazard extremes: events, impacts, and consequences. Social and Behavioral Sciences 2016 Dean's Distinguished Lectureship, Rutgers University, March 2, 2016. Piscataway, NJ. **Invited**.

Cutter, S. L., 2016. The perilous nature of food supplies: natural hazards, social vulnerability, and disaster resilience. Vulnerability of Agricultural Production Networks and Global Food Value Chains due to Natural Disasters Conference, June 20-24, 2016, Vienna, Austria. **Invited**.

Gall, M. and S.L. Cutter, 2016. Disaster loss data in the United States, RIMMA 2016: Interdisciplinary CODATA Workshop on RISK Information Management, Risk Models and Applications, June 27-28, 2016, Berlin, Germany. **Invited**.

Cutter, S.L., 2016. Urbanism and hazard extremes. International Conference on Urban Risks (ICUR), June 30-July 2, 2016, Lisbon, Portugal. **Invited Keynote**.

Cutter, S. L., 2016. Social vulnerability and community resilience measurement and tools. Natural Disaster Resilience: An Urgent Need and Opportunity for Chile Conference sponsored by CNID and CREDEN, August 25, 2016, Santiago, Chile. **Invited**.

Cutter, S.L., 2016. Risk and vulnerability in the context of DRR and CAA: Personal reflections on the IPCC process. INQUIMUS Workshop: Spatial and Temporal Dynamics of Risk and Vulnerability, September 21-23, 2016, Salzburg, Austria. **Invited.**

Professional Activity

National Research Council/NASEM

- 2025 Reviewer, *State of the Science and the Future of Cumulative Impact Assessment*, National Academies of Sciences, Engineering, and Medicine. Washington, DC: The National Academies. <https://doi.org/10.17226/29182>.
- 2024 Review coordinator, *Compounding Disasters in Gulf Coast Communities 2020-2021: Impacts, Findings, and Lessons Learned*, (Gulf Health and Resilience Board)
- 2016-19 Appointed Member, Committee on Measures of Community Resilience, National Academies of Sciences, Engineering and Medicine, Policy and Global Affairs.
- 2016-20 Appointed Member, Resilient America Roundtable, National Research Council
- 2013- 15 Appointed Member, Board on Earth Sciences and Resources (BESR), National Research Council
- 2011-12 Member, Committee on Levees and the National Flood Insurance Program: Improving Policies and Practices, National Research Council (Water Science and Technology Board)
- 2010-13 Chair, Committee on Increasing National Resilience to Hazards and Disasters (COSEPUP and Disasters Roundtable)
- 2008-09 Chair, Committee on Applications of Social Network Analysis for Building Community Disaster Resilience: A Workshop (Geographical Sciences, DELS)
- 2005-07 Chair, Committee on the Effective Use of Data, Methodologies and Technologies to Estimate Sub-National Populations at Risk, National Research Council (Geographical Sciences, DELS)
- 2005-06 Member, Panel on Planning for Catastrophe: A Blueprint for Improving Geospatial Data, Tools, and Infrastructure, National Research Council (Mapping Sciences, DELS).
- 2004-07 Member, Executive Committee, Earth Systems Observations from Space: A Community Assessment and Strategy for the Future (Decadal Survey), National Research Council (Space Studies Board)
- 2004-08 Member, Committee on Geographical Sciences, National Research Council
- 2004-06 Member, Panel on Disaster Research in the Social Sciences: Future Challenges and Opportunities, National Research Council
- 2003-05 Member, Panel on Social and Behavioral Science Research Priorities for Environmental Decision Making, National Research Council (DBASSE)

Other Professional

- 2021-24 Appointed member, South Carolina Resilience Plan Advisory Committee, SC Office of Resilience
- 2021-25 Member, AAG Wilbanks Award Committee
- 2020-21 External Advisory Board member, Disaster Risk Science Institute, Australian National University
- 2019-23 MunichRe Foundation Risk Awards Review Committee
- 2018 Appointed member, AGU Gilbert F. White Award Committee
- 2017 Appointed Member, New Zealand Natural Hazards Research Platform Advisory Group

2017-20 Chair, AAG Military and Geography Committee
 2017 Member, AGU Honors and Recognition Committee
 2016-18 Appointed member, South Carolina Department of Insurance Safe Home Advisory Committee
 2016-20 Member, FEMA Risk Index Social Vulnerability Working Group
 2015-18 Appointed member, Research Advisory Group of the UK Department of International Development (DFID)
 2014-15 Rebuild by Design Juror for Hurricane Sandy Recovery projects (Department of Housing and Urban Development and The Rockefeller Foundation) <http://www.rebuildbydesign.org/>
 2014 AGU Science for Solutions Award Committee
 2014-16 MunichRe Foundation Risk Award Review Panel
 2013-14 Appointed review editor, IPCC Fifth Assessment Report, Working Group II Chapter 13, Livelihoods and Poverty
 2012-14 Member, International Advisory Group, Swedish Centre for Natural Disaster Science (CNDS)
 2012-13 Member, Southern California Earthquake Center (SCEC) External Advisory Council, Los Angeles, CA.
 2011-12 Member, Interuniversity Consortium for Political and Social Research (ICPSR) Council, University of Michigan, Ann Arbor, MI
 2011-13 Appointed Coordinating Lead Author, United States National Climate Assessment (Urban Systems, Infrastructure, and Vulnerability chapter)
 2011-12 Appointed Lead Author, US National Climate Assessment (Coastal Chapter Technical Inputs)
 2011-15 Appointed Member, National Construction Safety Team Advisory Committee, National Institute of Standards and Technology (NIST)
 2009-15 Vice Chair and Member, Integrated Research on Disaster Risk (IRDR) Scientific Committee, International Council of Scientific Unions, International Social Science Council, International Strategy for Disaster Reduction
 2009-12 Coordinating Lead Author, IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation (SREX)
 2009-11 Member, Louisiana Coastal Area (LCA) Ecosystem Restoration Program
 2009-12 Vice Chair, AGU Focus Group on Natural Hazards
 2009 Chair, Committee of Visitors (COV) for Behavioral and Cognitive Sciences programs, National Science Foundation
 2008-13 Member, Environment Research and Education Advisory Committee, National Science Foundation (reappointed for second term)
 2008- 13 Member, Social and Behavioral and Economic Sciences Advisory Committee, National Science Foundation (reappointed for a second term)
 2008 Site Review Team Member, National Interagency Fire Center, Boise, ID
 2008 Member Annual Meeting planning committee, Earthquake Engineering Research Institute
 2007 Proposal Reviewer, European Commission Research Directorate, Environment.
 2007-08 President, Consortium of Social Science Associations (COSSA)
 2007- 09 AAG Publications Committee
 2006 Chair, International Geographical Union (IGU) Commission on Hazards and Risk
 2006-08 Member, Land Use Land Cover Change Science Steering Group to the Land Use Interagency Working Group (LUIWG) of the Climate Change Science Program, US Global Change Research Program
 2006-08 Member, Heinz Center Steering Committee, The Nation's Coasts: A Vision for the Future
 2006-07 Member AAAS Electorate Nominating Committee, Section K
 2006 US Army Corps of Engineers, IPET Study on the socioeconomic consequences of the New Orleans Levee failure

2006-11 Member, External Advisory Committee, Decision Center for a Desert City, Arizona State University

2005 Invited workshop participant, Hurricane Forecasting and Warning Systems, NOAA, Pomona, CA.

2005-11 AAG Representative to the Consortium of Social Science Associations (COSSA)

2004-08 Member, Emergency Information Infrastructure Project (EIIP) Board of Directors

2004-06 Member, AAG Publications Committee

2004-10 Member, Advisory Board, NCGIA-Buffalo IGERT Doctoral Program in Geographic Information Science, SUNY Buffalo

2004 Member, Heinz Center's Sustainable Oceans, Coasts, and Waterways Advisory Committee.

2004 Member, NSF Site Review Team for Decision Making Under Uncertainty Center

2003 External reviewer, Department of Geography, University of Iowa

2003-06 Elected Member, Electorate Nominating Committee, Section K Social, Economic, and Political Sciences, AAAS

2003 Panel Reviewer, Multidisciplinary Research on Critical Infrastructure Systems, National Science Foundation

2003 Member, AAG Long Range Planning Committee

2003 Panel Reviewer, Information Technology Research (ITR) and Multidisciplinary Research on Critical Infrastructure Systems, National Science Foundation

2002-03 Chair, Samuel Henry Price Award Committee (International Research Committee on Disasters) for the best dissertation in the disaster studies field)

2002 Invited Participant, Workshop on Integrated Research in Risk Analysis and Decision Making, National Science Foundation

2002 Member, AAG Executive Director Search Committee

2002-03 Member, Technical Advisory Committee of the SC Department of Natural Resources' Flood Mapping Program

2001 External reviewer, Department of Geography, Hunter College

2001 Invited Moderator, National Forum on Risk Management and Assessment of Natural Hazards, Washington D.C.

2001-03 AAG Representative to the Consortium of Social Science Associations (COSSA)

2001-02 Member Panel on Social Consequences of Coastal Hazards, The H. John Heinz III Center for Science, Economics, and the Environment

2001-03 Appointed to Advisory Committee for the Division on Earth and Life Sciences, National Research Council

2001-02 Past President, Association of American Geographers

2000-01 President (elected), Association of American Geographers

1999-00 Vice-President (elected), Association of American Geographers

2000 External Reviewer, Department of Geography, University of Delaware

1999-01 Member, Oak Ridge National Laboratory Advisory Committee for the Energy Division

1998-99 Member, South Carolina Flood Hazard Mitigation Advisory Committee (charged with developing the statewide flood mitigation plan).

1994-2019 Member, National Advisory Committee, Natural Hazards Research and Applications Information Center, Boulder, CO.

1996-2003 Appointed Member, User Working Group, Socioeconomic Data and Applications Center (SEDAC), Consortium for International Earth Science Information Network (CIESIN).

1997-98 Member, Wrigley-Fairchild Prize Selection Committee, American Geographical Society

1996 Member, 1998 Honors Committee, AAG

1995 Elected to 1997 Honors Committee, Association of American Geographers, also elected Chair of

- the Committee
- 1994 Member, DoE Review Panel (Risk Assessment and Risk Management Practices in Environmental Management)
- 1994 Invited Participant, National Research Council Workshop on Research Needs and Modes of Support for Human Dimensions of Global Change.
- 1994-96 Panel Member, Human Dimensions of Global Environmental Change, Social, Behavioral and Economic Sciences (SBE) Directorate, National Science Foundation.
- 1994 Elected to SEDAAG Honors Committee
- 1992 Panel Member, Data Base Activities Program, Division of Instrumentation and Resources, Directorate for Biological, Behavioral, and Social Science, National Science Foundation
- 1991 Elected Chair, AAG Nominating Committee
- 1991 Panel Member, Presidential Young Investigators Awards, Social and Economic Sciences, National Science Foundation.
- 1991 Panel Member, Faculty Awards for Women Scientists and Engineers, Social and Economic Sciences, National Science Foundation.
- 1990-93 Elected Chair, AAG Hazards Specialty Group
- 1989 External Reviewer, Department of Geography, Florida State University.
- 1989-92 Appointed Member, Board of Directors of COSSA (Consortium of Social Science Associations).
- 1989-92 Appointed Member, Publications Committee, International Geographical Congress, 1992.
- 1988-91 Elected, Board of Directors, Hazards Specialty Group, AAG.
- 1988-91 Appointed Member, AAG Publications Committee.
- 1988-90 Panel Member, Geography and Regional Science, National Science Foundation.
- 1987-89 Elected Board of Directors, Environmental Perception Specialty Group, AAG.
- 1986-88 Appointed Member, Committee on the Status of Women in Geography, AAG.
- 1986-88 Elected, Regional Councilor, Middle States Division, AAG, Member of AAG Council.
- 1984-86 Member, Executive Committee, Middle States Division, AAG.
- 1983 Elected, President, Middle States Division, AAG.
- 1982 Elected, Vice-President, Middle States Division, AAG.
- 1981 Elected Secretary-Treasurer, Middle States Division, AAG.
- 1980-82 Treasurer/Secretary, Environmental Studies Specialty Group, AAG.
- 1980-81 Appointed Member, Executive Committee, New Jersey State Advisory Committee on Recycling. Chair, Public Participation and Education Subcommittee.
- 1979-81 Appointed Member, Committee on the Status of Women in Geography, AAG.

Membership in Professional Associations

- 2010- American Meteorological Society
- 2009- American Geophysical Union
- 2005-10 Earthquake Engineering Research Institute
- 1992- American Association for the Advancement of Science (AAAS)
- 1972- Association of American Geographers (AAG) [50-year member]
- 1982-2013 Society for Risk Analysis
- 1984-1990 Research Committee on Disasters, International Sociological Association

Public Service (since 2020)

2025

Print Media

Patrik Jonsson, “Trump, Musk want to curb FEMA. Its North Carolina response says volumes,” *Christian Science Monitor*, Feb. 12, 2025. <https://www.csmonitor.com/Environment/2025/0211/fema-trump-musk-north-carolina-hurricane>

Seth Borenstein, “Who gets more disaster aid? Republican states. Experts explain that and more about FEMA,” *AP News*, Feb. 3, 2025.,<https://apnews.com/article/federal-disaster-aid-fema-wildfire-hurricane-money-84e1db303b8abead10a26b95392cd980>

Seth Borenstein and Gabriela Aoun Angueira, “Turmoil, worry swirl over cuts to key federal agencies as hurricane season begins,” *AP News*, May 31, 2025. <https://apnews.com/article/hurricane-season-disaster-weather-doge-fema-noaa-cd215947480de9099a53fe20669bb923>

Patrik Jonsson, “In Texas flood response, a scaled-back FEMA gets an early test,” *Christian Science Monitor*, July 9, 2025. <https://www.csmonitor.com/Environment/2025/0709/texas-flood-disaster-fema>

Seth Borenstein, “The US faces more frequent extreme weather events, but attitudes and actions aren’t keeping up,” *AP News*, July 9, 2025. <https://apnews.com/article/texas-floods-extreme-weather-attitudes-preparations-cc9d55c1f2440d78e01dcc65ec748112>

Nia-Malika Henderson, “Disaster relief shouldn’t be a presidential spoils system,” *Bloomberg Opinion*, April 10, 2025. <https://www.bloomberg.com/opinion/articles/2025-08-10/maryland-floods-disaster-relief-shouldn-t-be-a-presidential-spoils-system?srnd=phx-opinion>

Cecelia Smith-Schoenwalder, “FEMA’s fate in question as hurricane season comes to an end,” *US News and World Report*, November 26, 2025. <https://www.usnews.com/news/best-states/articles/2025-11-26/femas-fate-in-question-as-hurricane-season-comes-to-an-end>

2024

Print Media

Ian Grenier, “USC professor studying disaster recovery named to prestigious National Academy of Sciences,” *Charleston Post & Courier*, May 3, 2024.

https://www.postandcourier.com/columbia/education/usc-south-carolina-professor-national-academy-sciences/article_6506c5ca-07de-11ef-a980-2f2acfeb1bc1.html

Seth Borenstein, “Data shows hurricanes and earthquakes grab headlines but inland counties top disaster list,” *AP*, July 25, 2024. <https://apnews.com/article/disasters-flood-hurricanes-cost-climate-change-105f4ccc0adf3c5709d59ff06bda409b>

Kristiane Huber, “State, federal officials work to measure progress in fight to limit climate impacts, PEW, September 17, 2024. <https://www.pewtrusts.org/en/research-and-analysis/articles/2024/09/17/state-federal-officials-work-to-measure-progress-in-fight-to-limit-climate-impacts>

Seth Borenstein, “Helene and Milton are both likely to be \$50 billion disasters, joining ranks of most costly storms,” AP, October 16, 2024. <https://apnews.com/article/helene-milton-hurricanes-climate-development-damage-costly-82c1d5df81c76fa08e035bf7c6db3a37>

Patrik Jonsson, “Transformed FEMA faces a torrent of challenges to its growing relief efforts,” *The Christian Science Monitor*, October 18, 2024. <https://www.csmonitor.com/Environment/2024/1018/helene-fema-distrust-north-carolina>

2023

Print Media:

Seth Borenstein, “The US leads the world in weather catastrophes. Here’s why,” *AP*, April 2, 2023. <https://apnews.com/article/tornadoes-disasters-extreme-weather-why-af8acdc330cff39d689efc187cd17b7>.

Graham Lawton, “Do back-to-back disasters show first climate tipping point is upon us?,” *NewScientist*, March 8, 2023. <https://www.newscientist.com/article/2363210-do-back-to-back-disasters-show-first-climate-tipping-point-is-upon-us/>

Associated Press, “Why the U.S. leads the world in weather catastrophes,” *NBC News*, April 3, 2023. <https://www.nbcnews.com/science/environment/us-leads-world-weather-catastrophes-rcna77898>

Seth Borenstein, Mary Katherine Wildeman, and bobby Caina Calvin, “Fires and other disasters are increasing in Hawaii, according to this AP data analysis,” AP August 17, 2023. <https://apnews.com/article/hawaii-fires-disaster-declarations-0344e3c954db7e0635cdaa8e87e25c92>
Picked up by US News and World Report, Yahoo News, Hawaii Tribune-Herald, among others.

2022

Television

Chris Joseph, “Water level at Lake Murray dropping ahead of Hurricane Ian,” WIS-TV, Sept. 29, 2022, <https://www.wistv.com/2022/09/29/water-level-lake-murray-dropping-ahead-hurricane-ian/>

Bill Waddell, “Rapidly intensifying hurricanes hitting US on the rise,” AccuWeather, September 22, 2022. <https://www.accuweather.com/en/videos/rapidly-intensifying-hurricanes-hitting-us-on-the-rise/VmJziAkz>;

Print

Climate Central, “Climate Matters: Hurricane Intensity and Impacts,” September 7, 2022. <https://www.climatecentral.org/climate-matters/hurricane-intensity-and-impacts>

Derek Hawkins, Photos: Striking before and after photographs over Hurricane Ian’s path,” *Washington Post*, October 4, 2022. https://www.washingtonpost.com/nation/interactive/2022/hurricane-ian-before-after-photos-damage/?itid=ap_derekhawkins

Meghie Rodrigues, “How climate change could drive an increase in gender-based violence,” *Nature*, July 13, 2022. <https://www.nature.com/articles/d41586-022-01903-9>

Tim Marema, “Q&A: The Long Road to Recovery,” *Daily Yonder*, October 10, 2022. <https://dailyyonder.com/qa-the-long-road-to-recovery/2022/10/10/>

2021

Webinars

Horry County Rising, Virtual Webinar Interview with April O’Leary, February 12, 2021

Print

Monica Telles and AP, The riskiest place for a natural disaster in the U.S.? You’re living in it, L.A. *The Los Angeles Times*, January 1, 2021, <https://www.latimes.com/world-nation/story/2021-01-04/watch-out-la-feds-calculate-riskiest-safest-places-in-us>. Also covered by KTLA <https://ktla.com/news/local-news/la-ranked-riskiest-county-for-natural-disasters-in-u-s-fema-finds>

Seth Borenstein, Study: Climate change added \$8 billion to Sandy’s damages, *AP News*, May 18, 2021, <https://apnews.com/article/climate-climate-change-science-environment-and-nature-a9df0907dd0c0a5f5be597468a3eebcec>. Also appeared in *The Chicago Sun Times* <https://chicago.suntimes.com/2021/5/18/22442258/climate-change-added-8-billion-to-superstorm-sandys-damages-study>

Zoya Tierstein, Beleaguered by disaster damages, the U.S. may finally start spending on resilience, *Grist*, June 3, 2021, <https://grist.org/politics/beleaguered-by-disaster-damages-the-u-s-may-finally-start-spending-on-resilience/>

Brett Walton, Constant, compounding disasters are exhausting emergency response, *Circle of Blue*, July 6, 2021, <https://www.circleofblue.org/2021/world/the-disasters-are-exhausting-emergency-response/>

Chloe Johnson, SC’s new resilience office tackles question of how to avoid damages from strengthening storms, *The Post and Courier*, July 9, 2021, https://www.postandcourier.com/news/scs-new-resilience-office-tackles-question-of-how-to-avoid-damages-from-strengthening-storms/article_2ae99aac-d848-11eb-abf6-772a9291921d.html

Jacob Stern, Two disasters are exponentially worse than one, *The Atlantic*, August 21, 2020. https://www.theatlantic.com/science/archive/2020/08/exponential-threat-pandemic-wildfires/615574/?utm_source=email&utm_medium=social&utm_campaign=share

Seth Borenstein and Jamey Keaten, UN: Weather disasters soar in numbers, cost, but deaths fall, *AP News*, September 1, 2021, <https://apnews.com/article/environment-and-nature-united-nations-weather-climate-change-science--ccc665512d6b2c10e51bd95c6cf06888>. Also appeared in *CBC News* <https://www.cbc.ca/news/science/weather-disasters-1.6160730>

Christopher D’Angelo and Alexander C. Kaufman, We might not know the true toll of Hurricane Ida for weeks, *Huffington Post*, September 2, 2021, https://www.huffpost.com/entry/hurricane-ida-storm-toll_n_612ff17be4b0df9fe27195b6

Peter Aldhous, We don't know how many people are killed by extreme weather. This means even more people will die, *BuzzFeed News*, December 28, 2021.
<https://www.buzzfeednews.com/article/peteraldhous/extreme-weather-climate-change-missing-deaths>

Television and Radio

Monica Danielle, New FEMA tool shows risk of weather disasters in different parts of U.S., Fox43, January 14, 2021,
<https://www.fox43.com/article/weather/accuweather/national-risk-index-fema-tool>

Scott Morgan, Anybody wanna talk about the stormy weather in South Carolina? SC Public Radio, August 23 2021, <https://www.southcarolinapublicradio.org/sc-news/2021-08-23/anybody-wanna-talk-about-the-stormy-weather-in-south-carolina>, 4:55 min.

Cynthia Harvey, Climate change and what can be done to slow impacts, OnPoint on WACH Fox, August 29, 2021, <https://wach.com/features/on-point/onpoint-on-wach-fox-climate-change-and-what-can-be-done-to-slow-impacts>, 26:48 min.

2020

Print

Sam Harrington, Cross Plains becomes a bright spot for online organizing in times of crisis, *Tone Madison*, April 16, 2020, <https://www.tonemadison.com/articles/cross-plains-becomes-a-bright-spot-for-online-organizing-in-times-of-crisis>

Chloe Johnson, SC scrambles for potential hurricane evacuation plan amid coronavirus pandemic, *The Post & Courier*, April 18, 2020, https://www.postandcourier.com/health/covid19/sc-scrambles-for-potential-hurricane-evacuation-plan-amid-coronavirus-pandemic/article_1c13cf02-7dae-11ea-a560-2fcfd89a766a.html

Kat Eschner, This pandemic won't end without strong federal support, *Popular Science*, May 11, 2020.
<https://www.popsoci.com/story/health/federal-response-pandemic-covid-19/>

Seth Borenstein, Many states scrambling to update hurricane plans for virus, *Associated Press (AP) News*, May 31, 2020, <https://apnews.com/article/c28c8cc975a89256bc4bff74f780fb6d>

Thomas Frank, Population of top 10 counties for disasters: 81% minority, *ClimateWire, E&E News*, June 8, 2020. <https://www.eenews.net/climatewire/stories/1063347205>

Sara Novak, Hurricane season is about to collide with COVID, *Sierra*, July 13, 2020.
<https://www.sierraclub.org/sierra/hurricane-season-about-collide-covid>

Jacob Stern, Two disasters are exponentially worse than one, *The Atlantic*, August 21, 2020,
<https://www.theatlantic.com/science/archive/2020/08/exponential-threat-pandemic-wildfires/615574/>

Seth Borenstein, Damage from whopper hurricanes rising for many reasons, *Associated Press (AP) News*, August 26, 2020, <https://apnews.com/article/84ddef64a42db194faeccc0cba7ff0e>

Chloe Johnson, 5 years ago, a ‘biblical’ flood ushered in SC’s wetter future, *The Post and Courier*, October 4, 2020, https://www.postandcourier.com/news/5-years-ago-a-biblical-flood-ushered-in-scs-wetter-future/article_b2e2645e-031c-11eb-8a99-479d65a774be.html

Sara Kiley Watson and Purbita Saha, Six ways the 2020 census will change your life, *Popular Science* April 10, 2020, https://www.msn.com/en-sg/news/techandscience/six-ways-the-2020-census-will-change-your-life/ar-BB18er98?utm_source=%40UofSC+Today&utm_campaign=3ff8baea0

Thomas Frank, Riskiest spot for rising seas is 50 miles from the ocean, *Scientific American*, November 25, 2020, <https://www.scientificamerican.com/article/riskiest-spot-for-rising-seas-is-50-miles-from-the-ocean/>

Radio and Television

Abby Wendle, U.S. disaster response scrambles to protect people from both hurricanes and COVID-19, *NPR Public Radio*, July 22, 2020,

https://www.npr.org/2020/07/22/893286668/u-s-disaster-response-scrambles-to-protect-people-from-both-hurricanes-and-covid?utm_source=%40UofSC+Today&utm_campaign=cc0189dd8f-UOFC TODAY 2020 07 29&utm_medium=email&utm_term=0_fb5e576816-cc0189dd8f-48128893

Andrew James, WPDE-ABC Affiliate, Myrtle Beach, FEMA releases new National Risk index measuring natural disaster risk, November 19, 2020.

Thesis/Dissertation Supervision

Current Advising: 1 Ph.D. students, 1 MA/MS students

Number of Ph.D. students: 27

Number of MA/MS students (thesis): 43

Number of MA/MS students (non-thesis): 17

Ph.D. Advisor

Margot Habets, 2025. “Incorporating Temporality and Place in Actionable Resilience Metrics.”

Sarah Jackson, 2023. “The Role of Geographic Context in Tornado Risk, Risk Perception, and Protective Action Behavior.”

Qian Huang, 2022. “Spatial and Age Disparities in COVID-19 Outcomes.”

Sahar Derakhshan, 2020. “Spatio-temporal Modeling of Earthquake Recovery.”

Yago Martín González, 2019. “Leveraging Geotagged Social Media to Monitor Spatial Behavior During Population Movements Triggered by Hurricanes.”

Kevin Ash, 2015. “Mobile Home Resident Perspectives on Preparedness, Protective Action, and Evacuation for Tornado Hazards.”

- Ronnie Schumann, 2015. "The Meaning of Place Recovery on the Mississippi Gulf Coast."
- Michael Senn, 2014. "A Comprehensive Disaster Risk Index for the United States."
- Kyle Buck, 2014. "Socio-spatial Factors Driving to Cancer Disparities."
- Gregg Bowser, 2013. "Determining the Differences in Evacuation Perceptions and Influences in the Elderly."
- Christopher G. Burton, 2012. "The Development of Metrics for Community Resilience to Natural Disasters."
- Eric Tate, 2011. "Indices of Social Vulnerability to Hazards: Model Uncertainty and Sensitivity."
- Jennifer Webb (Haney), 2010. "The Thin Green Line: Geographies of Ecoterrorism in the United States."
- Mathew Schmidlein, 2008. "Spatio-temporal Changes in Social Vulnerability in Charleston, SC from 1960- 2010."
- Kevin Borden, 2008. "Natural Hazards Mortality in the United States."
- Melanie Gall, 2007. "Indices of Social Vulnerability to Natural Hazards: A Comparative Evaluation."
- Christopher Emrich, 2005. "Social Vulnerability in US Metropolitan Areas: Improvements in Hazard Vulnerability Assessment".
- Bryan Boruff, 2005. "A Multiple Hazards Assessment of Two Caribbean Nations: Barbados and St. Vincent."
- Jamie Mitchem, 2004. "Place Vulnerability to Tornadoes in the United States: A Multi-Scale Assessment".
- Arleen A. Hill, 2002. "Uncertainty and Behavior: Hurricane Hazards in Horry County, South Carolina".
- Deborah S.K. Thomas, 1999. "Factors Influencing Geographic Variability of Children's Vulnerability to Lead Hazards".
- Michael S. Scott, 1998. "The Exploration of an Air Pollution Hazard Scenario using Dispersion Modeling and a Volumetric Geographic Information System".
- Jerry T. Mitchell, 1998. "Hazards, Religion, and Place: Prayer and Peril in South Carolina".
- Richard F. Collins Jr., 1998. "Risk Visualization as a Means for Altering Hazard Cognition". (University of South Carolina).
- John P. Tiefenbacher, 1992. "Pesticide Drift and the Hazards of Place in San Joaquin County, California". (Rutgers University).

William D. Solecki, 1990. "Acute Chemical Disasters and Rural United States Hazardscapes". (Rutgers University).

Enid L. Lotstein (Ringer), 1990. "Recreational Behavior in a Barrier Island Park". (Rutgers University).

Masters Advisor

Gwyneth Waddington, 2025 (MS). "Clusters in the Storm: Regional Economic Specialization Before and After Hurricane Harvey."

Erin (Maggie) Kemp, 2025 (MS). "Relative Hazard Losses Along the Atlantic and Gulf Coasts."

Kyser Daniels-Baessler, 2024 (MS). "Terror and Time: Analyzing Homegrown Terrorism in the United States."

Christopher Long, 2023 (MS). "A Flood of Information: Assessing the Effectiveness of an Enhanced Social Media Graphic."

Andrew White, 2022 (MS). "GIS Analysis of Housing Delinquency after Repeated Flooding in Horry County, South Carolina."

Margot Habets, 2022 (MS). "Neighborhood Change on the Mississippi Coast after Hurricane Katrina (2006-2019)."

Leah M. Blackwood, 2022 (MS). "Social Vulnerability and Flood Recovery: A Post-disaster Examination of SoVI's Effectiveness as a Tool for Targeted Recovery."

Lee, Logan, 2021 (MS). "Military Communities and Natural Hazards in the United States."

Jacob Ramthun, 2020 (MS). "Flooding and Industrial Swine Farming in North Carolina: Implications of Natch Hazards on the Assessment of Environmental Justice."

Tracy Whelen, 2020 (MS). "A GIS-based Risk Assessment for Fire Departments: Case Study of Richland County, SC"

Jessica Brugh, 2019 (MS). "Don't Rock the Boat: An Analysis of Boat Mitigation Prior to Hurricane Landfall."

Raelene Campbell, 2018 (MS). "Tweets about Tornado Warnings: A Spatiotemporal and Content Analysis."

Erika O. Pham, 2018 (MS). "Analysis of Evacuation Behaviors and Departure Timing for October 2016's Hurricane Matthew."

Rachel Reeves, 2015 (MS). "Economic Losses and Extreme Tornado Events."

Khai Hoan Nguyen, 2015 (MA). "Institutional Resilience along the Mississippi Gulf Coast in the Context of Pre-and Post-Hurricane Katrina."

- Dara Angelo, 2012 (MS). "The Impact of Optimism on Evacuation Behavior in South Carolina Hurricane Evacuation Zones."
- Casey Zuzak, 2010 (MS). "Differences in Urban and Rural Natural Hazard Mortality in the United States."
- Daniel Morath, 2010 (MS). "Social Vulnerability and Public Health: Developing a Metric for Medical Emergency Management in Florida."
- Joanne R. Stevenson, 2010 (MS). "Rebuilding Coastal Mississippi following Hurricane Katrina: A Spatial and Temporal Analysis."
- Ginni Melton, 2008 (MS). "Assessing Coastal Erosion Vulnerability: Case Study of Georgetown County South Carolina."
- Melissa Berry, 2008 (MS). "Insurance as it Relates to Natural Hazards: A Case Study of Florida Counties, 1997-2006."
- Lindsey Barnes, 2008 (MS). "Equity of Individual Assistance in Hurricane Katrina."
- Reggie McCarn 2008 (MS). "Biological Hazards and their Impact on South Carolina: A Hazard Assessment of Zoonotic Avian Influenza."
- Christopher Burton, 2007 (MS). "Social Vulnerability and Hurricane Impact Modeling."
- Elizabeth Dunn, 2007 (MS). "Terrorism's Spatiality and Identity Through Media Content Analysis."
- Andrew Edmonds, 2006 (MS). "Employing GIS Techniques to Combat the Reluctance of Pet Owners to Evacuate from Disaster Events."
- Christina Finch, 2006 (MS). "Spatial and Temporal Analysis of Social Vulnerability to Environmental Hazards in the United States."
- Angela Nelson, 2005 (MS). "Conjoint Disasters in South Carolina: The Threat of Tornado-Induced Hazardous Material Releases at TRI Facilities."
- Mathew Schmidlein, 2005 (MS). "The Spatial Distribution of Biophysical Vulnerability from Natural Hazards in the United States".
- Kevin Borden, 2004 (MS). "Comparing the Vulnerability of the Built Environment Among U.S. Cities".
- Melanie Bartis, 2004 (MS). "Floods in Georgetown County, South Carolina: A Geographic Assessment of Losses".
- Melanie Baker, 2004 (MS). "Hazardous Materials Transportation in South Carolina".
- Steven Jones, 2003 (MS). "Spatial Modeling of Tornadoes".

- Jaime Easoz (Painter), 2002 (MS). "Evaluating the Effectiveness of Flood Reduction Methods in South Carolina".
- Patrice Burns, 2002 (MS). "What is Your Professional Opinion? Risk Perception Variability of Natural and Technological Hazards Among County Emergency Management Directors in South Carolina".
- Paul Putnam, 2000 (MS). "Hurricane Hazard Impact on Property Value Change: A Case Study of Pawley's Island, South Carolina"
- Charmel Menzel, 1998 (MS). "GIS Analysis of Potential Hazardous Chemical Releases Resulting from Flooding".
- Danika Holm, 1994 (MS). "Environmental Inequities in South Carolina: The Distribution of Hazardous Waste Facilities".
- Merlyn Liberty, 1993 (MA). "Accidents Will Happen: A Case Study of the January 1-2, 1990 Exxon Bayway Inter Refinery Pipeline Leak into the Arthur Kill River". (Rutgers University).
- Dianne Shatin, 1987 (MA). "A Spatial Analysis of Women's Cognition and Responses to the Hazards of Nuclear Weapons Technology". (Rutgers University).
- Antony Mason, 1982 (MA). "Conflict Reducing Potential of the Delphi Method in Environmental Disputes". (Rutgers University).
- Robert McCarthy, 1981 (MA). "The Geography of Source Separation in New Jersey". (Rutgers University).
- Aletha Spang, 1980 (MA). "A Study of the Motivational Factors Influencing Recycling Behavior in New Jersey". (Rutgers University).

Non-Thesis:

- Savannah Baker, 2023
 Tyler Spires, 2018
 Bryan Bricker, 2017
 Megan Wood, 2016
 Robert Gottlieb, 2015
 Dan Goff, 2015
 Darren Coffey, 1994
 Roni Pillsbury, 1992
 Patricia Heaney, 1992
 Jill Yesko, 1987
 Jeffrey Callahan, 1986
 William D. Solecki, 1986
 Enid Lotstein, 1985
 Debbie Alaimo, 1984
 Robert Dahl, 1983

Honors/Awards

- 2024 Elected member, U.S. National Academy of Sciences
- 2024 Elected member, U.S. American Academy of Arts and Sciences
- 2024 Recipient, Dr. B. Wayne Blanchard Award for Academic Excellent in Emergency Management Higher Education, North Dakota State University, Presented at 26th Annual FEMA Emergency Management Higher Education Symposium
- 2023 Charles E. Fritz Award for Career Achievements in the Social Science Disaster Area, International Sociological Association, RC39 Sociology of Disasters
- 2020 Disaster Risk Science Institute, Australian National University, The Susan L. Cutter Seminar Series. <https://drsi.anu.edu.au/upcoming-events/past-events/>
- 2019 AAG Wilbanks Award for Transformational Research in Geography
- 2019 Lifetime Achievement Award, Human Dimensions of Global Change Specialty Group, AAG
- 2019 Elected AAG Fellow
- 2019-22 University Professorial Fellow (Honorary), College of Health and Human Sciences, Charles Darwin University, Darwin, Australia
- 2018 AAG Presidential Achievement Award
- 2015 Elected as foreign member, The Royal Norwegian Society of Sciences and Letters
- 2015 Gilbert F. White Lecture, American Geophysical Union, Natural Hazards Focus Group
- 2015 Honorary Degree (*Doctor Honoris Causa*), Norwegian University of Science and Technology
- 2014 Gilbert F. White Lecture in the Geographical Sciences, US National Research Council
[Bell, Trudy 2015. Column on the Gilbert F. White Lecture by Susan L. Cutter.
http://nationalcalamityeaster1913flood.blogspot.com/2015_02_01_archive.html]
- 2013 Southeastern Conference (SEC) Faculty Achievement Award
- 2011 Lifetime Achievement Award, Association of American Geographers
- 2009-12 MunichRe Foundation Chair in Social Vulnerability
- 2008 Nominated for the 2008 Governor's Award for Excellence in Science (South Carolina)
- 2001 Honor's Convocation speaker, California State University, Hayward (May)
- 2001 Named Distinguished Carolina Professor, University of South Carolina
- 1999 Elected Fellow, American Association for the Advancement of Science (AAAS)
- 1999 Russell Research Award for the Humanities and Social Sciences, University of South Carolina