

## VITAE

### **KATHLEEN TIERNEY**

Department of Sociology and  
Institute of Behavioral Science  
Natural Hazards Center  
482 UCB  
Boulder, CO 80309  
Phone: (303) 492-6818  
Fax: 492-2151  
e-mail: [tierneyk@colorado.edu](mailto:tierneyk@colorado.edu)

#### **EDUCATION:**

Youngstown State University, B.A., Sociology (1972)  
The Ohio State University, M.A., Sociology (1974)  
The Ohio State University, Ph.D., Sociology (1979)

#### **PROFESSIONAL POSITIONS:**

2003- Professor, Department of Sociology and Director, Natural Hazards Center, Institute of Behavioral Science, University of Colorado at Boulder

(ATLAS) Fellow, Alliance for Technology, Learning and Society

Research Fellow, Center for Science and Technology Policy

1998 - 2003 Professor, Department of Sociology and Criminal Justice; Co-Director and Director (2000-2003), Disaster Research Center, University of Delaware

1989 - 1998 Associate Professor, Department of Sociology and Criminal Justice; Research Director and Co-Director (1995-), Disaster Research Center, University of Delaware

1988 - 1989 Assistant Professor, Program in Social Ecology, University of California, Irvine

1985 - 1987 Assistant Research Sociologist, Department of Sociology, University of California, Los Angeles

1984 - 1988 Adjunct Assistant Professor, Department of Systems Management, Institute of Safety and Systems Management, University of Southern California

1983 - 1984 Research Specialist I (Special Consultant), California Seismic Safety Commission

1981 - 1983 Adjunct Assistant Professor, Department of Sociology, University of California, Los Angeles  
1980 - 1981 Assistant Research Sociologist, Institute for Social Science Research, University of California, Los Angeles  
1979 - 1983 Postdoctoral Trainee in Mental Health Evaluation Research, University of California, Los Angeles

#### **UNDERGRADUATE AND GRADUATE COURSES TAUGHT:**

At the University of Colorado: Sociology 3141, Social Movements; Sociology 5121, Ethnographic Data Collection; Sociology 5221, Ethnographic Analysis; Sociology 4037, Hazards, Disasters, and Society  
At the University of Delaware: Sociology 606, Qualitative Methodology; Sociology 622, Collective Behavior; Sociology 667, Issues in Disaster Research; Sociology 467, Social Movements; Sociology 467, Hazards, Disasters, and Society; Sociology 322, Crowds, Cults, and Revolutions; Sociology 201, Introduction to Sociology  
At UCLA: Sociology 101, Introduction to Sociology; Sociology 150, Collective Behavior; Sociology 152, Group Processes; Sociology 154, Social Psychology; Sociology 157, Sociology of Mental Illness

#### **RESEARCH AND TEACHING INTERESTS:**

Sociology of Disasters and Risk  
Collective Behavior/Social Movements  
Qualitative Research Methods

#### **GRANTS AND SCHOLARLY ACTIVITIES:**

##### **RESEARCH GRANTS:**

Principal Investigator, "Return on Investment from Whole-Community Preparedness Activities." FEMA contract. \$443,000. 2015-2016.

Principal Investigator (for CU), "Collaborative Research: An Integrated Approach to Measuring Dynamic Economic Resilience Following Disasters." NSF grant. \$233,000. 2014-2016. (with Adam Rose, USC).

Principal Investigator, "A Clearinghouse for Natural Hazards Research and Applications." NSF grant. \$805,104. 2013-2014. (first year of three-year grant)

Principal Investigator, "A Clearinghouse for Natural Hazards Research and Applications." NSF grant. \$602,123. 2011-2012 (second year of three-year grant)

Principal Investigator, "A Clearinghouse for Natural Hazards Research and Applications." NSF grant. \$809,000. 2010-2011 (first year of three-year grant)

Principal Investigator, “Decision-Making for Provision of Temporary Housing Following the January 2010 Haiti Earthquake,” NSF Rapid grant. \$39,999. 2010-2011.

Principal Investigator, “A Clearinghouse for Natural Hazards Research and Applications.” NSF grant. \$1,919,903. 2007-2010.

Principal Investigator (for CU), “Assessing and Managing Failure Vulnerabilities of Complex Infrastructure Systems.” NSF grant. Subcontract from the University of California at Berkeley. 2008-2012. \$328,874. (Principal Investigator, Robert Bea, UC Berkeley).

Principal Investigator, “Resilience Conceptualization and Measurement.” Contract with UT-Battelle/Oak Ridge National Laboratory/Community and Regional Resilience Institute. 2008-2010. \$215,000.

Principal Investigator, “Netherlands-US Water Crisis Research Network.” Contract with Deltares, The Netherlands. 2009-2012. \$236,491.

Co-Principal Investigator, “Collaborative Research: Warning Systems for Extreme Weather Events.” NSF Human and Social Dynamics Grant, collaboration with NCAR and the University of Washington. \$750,000. 2008-2011. (Principal Investigator, Jeff Lazo, National Center for Atmospheric Research.)

Principal Investigator, “Bay Area Preparedness Initiative,” subcontract from the Fritz Institute, San Francisco, CA. Funding for the initiative is provided by the Hewlett Foundation, San Francisco Foundation, Haas Family Fund, and other granting agencies. 2007-2009. \$369,000.

Co-Principal Investigator and Co-Director, National Consortium for the Study of Terrorism and Responses to Terrorism (START). University Center of Excellence Grant from the Department of Homeland Security. 2005-2008. \$12,000,000. (Gary LaFree, University of Maryland, Principal Investigator).

Principle Investigator, CU/NREL seed grant on political and economic dimensions of the siting of concentrating solar energy facilities in Colorado. (Lori Hunter, Barbara Farhar, and Mark Mehos, co-PIs), 2007-2008. \$45,000

Principal Investigator, “A Clearinghouse on Natural Hazards Research and Applications.” Grant from the National Science Foundation. 2006-2008. \$817,846.

Principal Investigator, “A Clearinghouse on Natural Hazards Research and Applications.” Grant from the National Science Foundation. 2004-2006. \$912, 434.

Executive Committee Member and Grantee, “Responding to Crises and Unexpected Events,” (RESCUE) National Science Foundation Information Technology Research grant, Sharad Mehotra (UC Irvine) and Ramesh Rao (UC San Diego), Principal Investigators. 2004-2009. \$15,000,000.

Principal Investigator, “A Clearinghouse on Natural Hazards Research and Applications.” Grant from the National Science Foundation. 2002-2004. \$1,423,354.

Principal Investigator, “Anticipating Emergency Management Needs in Large-Scale Community Crises: Lessons from the World Trade Center Attack and Other Major Disasters.” Grant from the Public Entity Risk Institute. 2002-2004. \$193,150.

Co-Principal Investigator, “Evaluation of Research Findings and Preparation of Guidance for Local, State, and Regional Earthquake Risk Reduction Advocates. Grant from the Federal Emergency Management Agency.” (Robert Olshansky and Peter May, Co-Principal Investigators.) 2001-2003. \$60,000.

Co-Principal Investigator, National Science Foundation Center Grant to the Multidisciplinary Center for Earthquake Engineering Research, a research consortium headquartered at the State University of New York at Buffalo. (G. Lee, Principal Investigator). 1997-2007. \$20,000,000.

Since the NSF Center award was made to SUNY Buffalo in 1997, I received funding for the following projects:

“Organizational and Community Resilience in Near-Catastrophic Disasters.” 2002-2003. \$146,600.

“Assessment of Earthquake Loss Estimation Methodologies: Business Losses.” 1997-1998. \$70,000.

“Evaluation of New and Emerging Technologies in Emergency Preparedness and Response.” 1998-2000. \$129,984.

“Measures of Community Resilience.” 1999-2001. \$74,000.

“World Trade Center Crisis Response.” 2001-2002. \$50,000.

Principal Investigator, “Disaster-Resistant Communities Initiative: Evaluation of Pilot Phase.” Co-operative agreement with the Federal Emergency Management Agency. University of Delaware, Disaster Research Center. (J. M. Nigg, Co-Principal Investigator). 1997-2000. \$509,000.

Principal Investigator, “Earthquake Early Warning Communication Issues.” Collaborative project with EQE International and UCLA, funded by the Federal Emergency Management Agency and the State of California. (J. M. Nigg, Co-Principal Investigator). 1999-2000. \$52,587.

Short-Stay Research Travel Fellowship, Japan Society for the Promotion of Science, for four-week stay in Japan, October, 1999. \$12,000.

Co-Principal Investigator, “Perceptions of Earthquake Impacts and Loss-Reduction Policy Preferences Among Community Residents and Opinion Leaders.” National Science Foundation Grant. University of Delaware, Disaster Research Center. (J.M. Nigg, Co-Principal Investigator). 1998-2001. \$325,608 (included \$25,000 Research Experience for Undergraduates award).

Short-Stay Research Travel Fellowship, Japan Society for the Promotion of Science, for ten-day study tour in Japan, March, 1997. \$10,000.

Principal Investigator, "Businesses and Disasters: Consequences of Disaster Victimization for Businesses and Business Districts." National Science Foundation Grant. University of Delaware, Disaster Research Center. (J. M. Nigg, Co-Principal Investigator). 1996-1998. \$249,595 (included \$12,500 Research Experience for Undergraduates award).

National Science Foundation Grant for ten-day lecture/research trip to China, June, 1996. \$5,000.

Co-Principal Investigator, "Post-Earthquake Reconstruction Strategies." National Science Foundation Grant. National Center for Earthquake Engineering Research, SUNYBuffalo. (G. Lee, Principal Investigator). 1995-1998. \$300,000.

Principal Investigator, "Business Disruption and Recovery in the Northridge Earthquake." Series of three one-year grants from the National Center for Earthquake Engineering Research, SUNYBuffalo. 1994-1997. \$191,237.

Co-Principal Investigator, "Emergency Response and Early Recovery Activities in the Northridge Earthquake." National Science Foundation Grant. University of Delaware, Disaster Research Center. (J. M. Nigg, Principal Investigator). 1994-1996. \$124,881 (includes \$32,319 supplemental award).

Principal Investigator, "Emergency Response and Early Recovery Activities in the Northridge Earthquake." National Science Foundation Small Grants for Exploratory Research (SGER) Program. (J. M. Nigg, Co-Principal Investigator). 1994-1995. \$9,954.

Co-Principal Investigator, "Utilization and Impact of Earth Science Information Among Local Governments and Businesses in Southern California." United States Geological Survey Grant. University of Delaware, Disaster Research Center. (J. M. Nigg and D. S. Milet, Co-Principal Investigators). 1993-1995. \$74,074.

Co-Principal Investigator, "Economic Consequences Due to Lifeline Failure: Lessons from the Heartland Floods of 1993 for Earthquake Recovery Planning." National Science Foundation SGER Grant. University of Delaware, Disaster Research Center. (J. M. Nigg, Principal Investigator). 1993-1994. \$42,214.

Principal Investigator, "Urban Seismic Risk Assessment," Two one-year grants from the National Center for Earthquake Engineering Research, SUNY Buffalo. 1991-1993. \$109,935.

Co-Principal Investigator, "Sociobehavioral and Emergency Management Aspects of Catastrophic Marine Oil Spills." Grant from the National Oceanic and Atmospheric

Administration College Sea Grant Program. University of Delaware, Disaster Research Center. (J. M. Nigg, Principal Investigator). 1991-1993. \$65,520.

Co-Principal Investigator, "Comparative Analysis of Community Disaster Recovery." National Science Foundation Grant. University of Delaware, Disaster Research Center (J. M. Nigg, Principal Investigator). 1990-1992. \$83,866.

Co-Principal Investigator, "Societal Risk Associated with Crude Oil Transmission Systems in Areas of Seismic Risk." Grant from the National Center for Earthquake Engineering Research, SUNY-Buffalo. (R. Eguchi, Dames and Moore, Los Angeles, Principal Investigator.) 1991-1993. \$46,428.

Principal Investigator, "Business Disruption and Initial Recovery in the Whittier Narrows Earthquake." National Science Foundation Grant. Institute of Safety and Systems Management, University of Southern California (J. M. Nigg, Co-Principal Investigator). 1988-1989. \$30,000.

Principal Investigator, "Chemical Hazards, Mitigation, and Preparedness in Areas of High Seismic Risk." National Science Foundation Grant. Institute of Safety and Systems Management, University of Southern California. 1986-1988. \$79,636.

Co-Principal Investigator, "Physical Disability and Earthquake Hazard Mitigation." National Science Foundation Grant. Institute of Safety and Systems Management, University of Southern California (W. J. Petak and H. Hahn, Co-Principal Investigators). 1984-1986. \$250,000.

Field Director, "Improving Effectiveness Measures of State Mental Health Service Delivery Systems for the Chronically Mentally Ill." National Institute of Mental Health Grant. Department of Sociology, University of California, Los Angeles (O. Grusky and H. Freeman, Co-Principal Investigators). 1985-1987. \$250,000.

Principal Investigator, Comprehensive report on the 1983 Coalinga, California earthquake. California Seismic Safety Commission. 1983-1984. \$100,000.

Field Director, "Descriptive Evaluation of the National Institute of Mental Health Community Support Program." National Institute of Mental Health/National Institute of Handicapped Research Grant. Department of Sociology, University of California, Los Angeles/Brentwood VA Hospital (O. Grusky and R. Liberman, Principal Investigators). 1982-1983. \$140,000.

#### HONORS AND AWARDS:

Distinguished lecturer, Earthquake Engineering Research Institute, 2006  
CU Boulder Sociology Department Faculty Mentor Award, 2008  
Fred Buttel Distinguished Contribution Award of the American Sociological Association  
Section on Environment and Technology, 2012  
"Distinguished visitor" award, University of Auckland (NZ), 2013

Charles E. Fritz Award for Lifetime Contributions to Disaster Research, International Research Committee on Disasters, International Sociological Association, 2014  
Distinguished Research Award, International Society for Integrated Disaster Risk Management, 2014  
Honorary Member, Earthquake Engineering Research Institute, 2015

## **PUBLICATIONS AND PAPERS:**

### **BOOKS**

Tierney, K. 2014. *The Social Roots of Risk: Producing Disaster, Promoting Resilience*. Palo Alto: Stanford University Press.

Waugh, W. and K. J. Tierney (eds.) 2007. *Emergency Management: Principles and Practice for Local Government*, 2<sup>nd</sup> ed. Washington, DC: International City and County Management Association.

Tierney, K. J., M. T. Lindell, and R. W. Perry. 2001. *Facing the Unexpected: Disaster Preparedness and Response in the United States*. Washington, DC: Joseph Henry Press/National Academy Press.

Dynes, R. R. and K. J. Tierney (eds.). 1994. *Disasters, Collective Behavior, and Social Organization*. Newark, DE: University of Delaware Press.

### MONOGRAPHS

Tierney, K. J. 2011. Contributing author, *Building Community Disaster Resilience Through Private-Public Collaboration*. Report of the National Academy of Sciences/National Research Council Committee on Private-Public Sector Collaboration to Enhance Community Disaster Resilience. Washington, DC: National Academies Press.

Tierney, K. J. 2010. Contributing author, *Informing an Effective Response to Climate Change*. Report of the National Academy of Sciences/National Research Council “America’s Climate Choices” Panel on Informing Effective Decisions and Actions Related to Climate Change. Washington, DC: National Academies Press.

Tierney, K. J. 2009. Contributing author, *Informing Decisions in a Changing Climate*. Report of the National Academy of Sciences/National Research Council Panel on Strategies and Methods for Climate-Related Decision Support. Washington, DC: National Academies Press.

Tierney, K. J. 2006. Contributing author, *Facing Hazards and Disasters: Understanding Human Dimensions*. Report of the National Academy of Sciences/National Research Council Committee on Social Science Research on Disasters. Washington, DC: National Academies Press.

Tierney, K. J. and J. M. Nigg (Eds.) 1993. *Socioeconomic Impacts*. Monograph prepared for the 1993 U.S. National Earthquake Conference. Memphis, TN: Central United States Earthquake Consortium.

Tierney, K. J., W. J. Petak, and H. Hahn. 1988. *Disabled Persons and Earthquake Hazards*. Boulder, CO: Program on Environment and Behavior, University of Colorado. Monograph #46.

Tierney, K. J. 1985. *Report on the Coalinga Earthquake of May 2, 1983*. Sacramento, CA: California Seismic Safety Commission.

Tierney, K. J. 1980. *A Primer for Preparedness for Acute Chemical Emergencies*. Newark, DE: Disaster Research Center, University of Delaware. Book and Monograph Series #14.

Tierney, K. J. and B. Baisden. 1979. *Crisis Intervention Programs for Disaster Victims in Smaller Communities*. Washington, DC: National Institute of Mental Health. DHEW Pub. No. (Adm) 79-675.

### ARTICLES AND BOOK CHAPTERS

Tierney, K. 2015. “Resilience and the Neoliberal Project: Discourses, Critiques, Practices—and Katrina. *American Behavioral Scientist* 59: 1327-1342.

Carmin, J., K. Tierney, E. K. Chu, L. Hunter, J. T. Roberts, and L. Shi. 2015. "Adaptation to Climate Change: Sociological Perspectives." Pp. 164-198 in R. E. Dunlap and R. Brulle (eds.) *Society and Climate Change: Sociological Perspectives*. Oxford University Press. (Based on contributions from the American Sociological Association Task Force on Climate Change.)

Tierney, K. 2014. "Hazards and Disasters." In Sasaki, M., J. Goldstone, and E. Zimmerman (eds.) *Concise Encyclopedia of Comparative Sociology*. Leiden: Brill Publishing.

Tierney, K. 2014. "Foreword" in Egner, H., M. Schorch, and M. Voss (eds.) *Learning and Calamities: Practices, Interpretations, Patterns*. New York: Routledge.

Tierney, K. 2012. "Foreword," pp. xiii-xvi in Kapucu, N., C. Hawkins, and F. Rivera (eds.) *Disaster Resiliency: Interdisciplinary Perspectives*. London: Routledge.

Tierney, K. 2012. "Disaster Governance." *Annual Review of Environment and Resources* 37: 341-363.

Tierney, K. and A. Oliver-Smith. 2012. "Social Dimensions of Disaster Recovery." *International Journal of Mass Emergencies and Disasters* 30:122-146.

Tierney, K. 2012. "A Bridge to Somewhere: William Freudenburg, Environmental Sociology, and Disaster Research." *Journal of Environmental Studies and Sciences* 2:58-68.

Tierney, K. 2012. "Critical Disjunctures: Disaster Research, Social Inequality, Gender, and Hurricane Katrina." Pp. 245-258 in E. David and E. Enarson (eds.) *The Women of Katrina: How Gender, Race, and Class Matter in An American Disaster*. Nashville: Vanderbilt University Press.

Ritchie, L. and K. Tierney. 2011. "Temporary Housing Planning and Early Implementation in The 12 January 2010 Haiti Earthquake." *Earthquake Spectra* 27, S1:S487-S507.

Ritchie, L., K. Tierney, and B. Gilbert. 2010. "Disaster Preparedness Among Community-Based Organizations in the City and County of San Francisco: Serving the Most Vulnerable." Pp. 3-39 in D. Miller and D. J. Rivera (eds.) *Community Disaster Recovery and Resiliency: Exploring Global Opportunities and Challenges*. Boca Raton: Aurbach/CRC/Taylor and Francis.

Tierney, K. and C. Bevc 2010. Updated version of "Disaster as War" (2007) in D. Brunnsma (ed.) *The Sociology of Katrina: Perspectives on a Modern Catastrophe*, 2<sup>nd</sup> ed.

Tierney, K. 2010. "L'analyse des Risques et Leurs Dimensions Sociales" (Risk Analysis and the Social Dimensions of Risk). *Telescope* 16: 93-114.

Reprinted as: Tierney, K. 2011. "L'Analyse des Risques et Leurs Dimensions Sociales." (Risk Analysis and the Social Dimensions of Risk) Pp. 251-280 in *La Gouvernance: Frontières, dispositifs et agents*. Quebec: Presses de l'Université du Quebec.

Tierney, K. 2008. "Hurricane Katrina: Catastrophic Impacts and Alarming Lessons." Pp. 119-136 in J. M. Quigley and L. A. Rosenthal. *Risking House and Home: Disasters, Cities, Public Policy*. Berkeley: Berkeley Public Policy Press.

Tierney, K. 2008. "Hurricane in New Orleans? Who Knew? Anticipating Katrina and Its Devastation." *Sociological Inquiry* 78: 179-183.

Tierney, K. 2007. "Testimony on Needed Emergency Management Reforms." *Journal of Homeland Security and Emergency Management*, 4, 3. Published online by Berkeley Electronic Press.

Rose, A., K. Porter, N. Dash, J. Bouabid, C. Huyck, J. Whitehead, D. Shaw, R. Eguchi, C. Taylor, T. McLane, L. T. Tobin, P. T. Ganderton, D. Godschalk, A. S. Kiremidjian, K. Tierney, and C. T. West. 2007. "Benefit-Cost Analysis of FEMA Hazard Mitigation Grants." *Natural Hazards Review* 8: 97-111.

Tierney, K. 2007. "From the Margins to the Mainstream? Disaster Research at the Crossroads." *Annual Review of Sociology*, 33: 503-525.

Tierney, K. and C. Bevc. 2007. "Disaster as War: Militarism and the Social Construction of Disaster in New Orleans." Pp. 35-50 in D. Brunnsma and S. Picou (eds.) *The Sociology of Katrina: Perspectives on a Modern Catastrophe*. Lanham, MD: Rowman and Littlefield.

Tierney, K. and G. R. Webb. 2007. "Business Vulnerability to Earthquakes and Other Disasters." Pp. 994-1031 in C. M. Rodrigue and E. Rovai (eds.) *Earthquakes*. London: Routledge.

Tierney, K. 2006. "Businesses and Disasters: Vulnerability, Impacts, and Recovery." Pp. 275-296 in H. Rodriguez, E. L. Quarantelli, and R. R. Dynes (Eds.) *Handbook of Disaster Research*. New York: Springer.

Tierney, K. 2006. "Recent Developments in U. S. Homeland Security Policies and Their Implications for the Management of Extreme Events." Pp. 405-412 in H. Rodriguez, E. L. Quarantelli, and R. R. Dynes (Eds.) *Handbook of Disaster Research*. New York: Springer.

Tierney, K. J., C. Bevc, and E. Kuligowski. 2006. "Metaphors Matter: Disaster Myths, Media Frames, and Their Consequences in Hurricane Katrina." *Annals of the American Academy of Political and Social Science* 604 (March) 57-81.

Tierney, K. J. 2005. "Social Inequality, Hazards, and Disasters." Pp. 109-128 in R. J. Daniels, D. F. Kettl, and H. Kunreuther (Eds.) *On Risk and Disaster: Lessons from Hurricane Katrina*. Philadelphia: University of Pennsylvania Press.

Tierney, K. J. 2005. "The Red Pill." Invited essay for the Social Science Research Council Web Forum on Hurricane Katrina. <http://www.ssrc.org>

Tierney, K., B. Khazai, L. T. Tobin, and F. Kringgold. 2005. "Social and Public Policy Issues

Following the 2003 Bam, Iran, Earthquake.” *Earthquake Spectra* 21, S1: S513-S534.

Bruneau, M., S. E. Chang, R. T. Eguchi, G. C. Lee, T. D. O’Rourke, A. M. Reinhorn, M. Shinozuka, K. Tierney, W. A. Wallace, and D. von Winterfeldt. 2003. “A Framework To Quantitatively Assess and Enhance the Seismic Resilience of Communities.” *Earthquake Spectra* 19: 733-752. (authors listed alphabetically).

Tierney, K. J. 2003. “Disaster Beliefs and Institutional Interests: Recycling Disaster Myths in the Aftermath of 9-11.” Pp. 33-51 in L. Clarke (Ed.) *Terrorism and Disaster: New Threats, New Ideas. Research in Social Problems and Public Policy, Vol. 11.* Elsevier Science Ltd.

Webb, G. R., K. J. Tierney, and J. M. Dahlhamer. 2003. “Predicting Long-Term Business Recovery from Disaster: A Comparison of the Loma Prieta Earthquake and Hurricane Andrew.” *Environmental Hazards* 4: 45-58.

Tierney, K. J. 2002. “The Field Turns Fifty: Social Change and the Practice of Disaster Field Work.” Pp. 349-374 in R. A. Stallings (Ed.) *Methods of Disaster Research.* Philadelphia, PA: Xlibris. [Www.Xlibris.com](http://www.Xlibris.com)

Tierney, K. J. 2002. “Strength of a City: A Disaster Research Perspective on the World Trade Center Attack.” Published on the Web by the Social Science Research Council at <http://www.ssrc.org/sept11>.

Bruneau, M. and K. J. Tierney. 2002. “Market-Focused and Open-Systems Approaches to Earthquake Loss Reduction: Contextualizing the Role of Engineering Research.” *Natural Hazards Review*, 3, 2: 48-54.

Chang, S. E., A. Z. Rose, M. Shinozuka, and K. J. Tierney. 2001. “Modeling Earthquake Impact on Lifeline Systems: Advances and Integration in Loss Estimation.” Pp. 195-201 in Spencer and Hu (Eds.) *Earthquake Engineering Frontiers in the New Millenium.* Swets and Zeitlinger.

Tierney, K. J. 2000. “Controversy and Consensus in Disaster Mental Health Research.” *Prehospital and Disaster Medicine* 15 (4): 181-187.

Webb, G. R., K. J. Tierney, and J. M. Dahlhamer. 2000. “Businesses and Disasters: Empirical Patterns and Unanswered Questions.” *Natural Hazards Review*, Vol. 1., No. 2: 83-90.

Reprinted in H. Kunreuther and A. Rose (Eds.) 2004. *The Economics of Natural Hazards, Vol. 1*, Pp. 196-203. Cheltenham, UK: International Library of Critical Writings in Economics.

Tierney, K. J., 1999. “Toward a Critical Sociology of Risk.” *Sociological Forum* 14:215-242.

Tierney, K. J. and J. M. Dahlhamer 1998. “Earthquake Vulnerability and Emergency Preparedness Among Businesses.” Pp. 53-72 in M. Shinozuka, A. Rose and R. T. Eguchi (eds.)

*Engineering and Socioeconomic Impacts of Earthquakes: An Analysis of Electricity Lifeline Disruptions in the New Madrid Area.* State University of New York at Buffalo, Multidisciplinary Center for Earthquake Engineering Research, (MCEER).

Dahlhamer, J. M. and K. J. Tierney 1998. "Rebounding From Disruptive Events: Business Recovery Following the Northridge Earthquake." *Sociological Spectrum*, Vol. 18, No. 2: 121-141.

Tierney, K. J. 1997. "Business Impacts of the Northridge Earthquake." *Journal of Contingencies and Crisis Management*, Vol. 5, No. 2, (June): 87-97.

Tierney, K. J. 1997. "Impacts of Recent Disasters on Businesses: The 1993 Midwest Floods and the 1994 Northridge Earthquake." Pp. 189-222 in Barclay Jones (ed.) *Economic Consequences of Earthquakes: Preparing for the Unexpected: Perspectives on Mitigating the Impact of Earthquakes on the Economy.* State University of New York at Buffalo, National Center for Earthquake Engineering Research. Report No. NCEER-SP-0001.

Tierney, K. J., J. M. Nigg, and J. M. Dahlhamer. 1996. "The Impact of the 1993 Midwest Floods: Business Vulnerability and Disruption in Des Moines." Pp. 214-233 in R. T. Sylves and W. L. Waugh, Jr. (eds.) *Cities and Disaster: North American Studies in Emergency Management.* Springfield, IL: Charles C. Thomas.

Tierney, K. J. 1995. "Societal Impacts and Emergency Response." (Chapter Coordinator) Pp. 373-418 in Northridge Earthquake, January 17, 1994: Reconnaissance Report, Vol. 1. *Earthquake Spectra*, Supplement C to Vol. II. Oakland, CA: Earthquake Engineering Research Institute.

Tierney, K. J. 1994. "Making Sense of Collective Preoccupations: Lessons from Research on the Iben Browning Earthquake Prediction." Pp. 75-95 in G. Platt and C. Gordon (eds.), *Self, Collective Behavior, and Society: Essays Honoring the Contributions of Ralph H. Turner.* Greenwich, CT: JAI Press.

Tierney, K. J. 1994. "Property Damage and Violence: a Collective Behavior Analysis." Pp. 149-173 in M. Baldassare (ed.) *The Los Angeles Riots: Lessons for the Urban Future.* Boulder, CO: Westview Press.

Tierney, K. J. 1994. "Aspectos Socioeconomicos de la Mitigacion del Peligro." Pp. 93-112 in Allan Lavell (ed.) *Al Norte del Rio Grande: Ciencias Sociales y Desastres, Una Perspectiva Norteamericana.* Lima, Peru: LA RED, Red Estudios Sociales en Prevencion de Desastres in America Latina.

Tierney, K. J. 1994. "Emergency Preparedness and Response." Pp. 105-128 in *Practical Lessons from the Loma Prieta Earthquake.* Washington, DC: National Academy Press.

Tierney, K. J. and E. L. Quarantelli. 1992. "Editorial: Social Aspects of the Exxon Valdez Oil Spill." Editors' introduction, *Industrial Crisis Quarterly* 6:167-173.

Grusky, O. and K. Tierney. 1992. "Evaluating the Effectiveness of Countywide Mental Health Care Systems." In Y. Hasenfeld (Ed.) *Human Services as Complex Organizations*. Newbury Park: Sage Publications. (Reprint of Grusky and Tierney, 1989.)

Grusky, O., K. Tierney, and M. T. Spanish. 1989. "Which Community Mental Health Services are Most Important?" *Administration and Policy in Mental Health*. 17:3-16.

Tierney, K. J. and E. L. Quarantelli. 1989. "Needed Innovation in the Delivery of Emergency Medical Services in Disasters: Present and Future." *Disaster Management*. 2:70-76.

Tierney, K. J. 1989. "Improving Theory and Research on Hazard Mitigation: Political Economy and Organizational Perspectives." *International Journal of Mass Emergencies and Disasters*. 7:367-396.

Tierney, K. J. 1989. "The Social and Community Contexts of Disaster." Pp. 11-39, in R. M. Gist and B. Lubin (eds.), *Psychosocial Aspects of Disaster*. New York, NY: John Wiley and Sons.

Grusky, O. and K. Tierney. 1989. "Evaluating the Effectiveness of County-Wide Mental Health Care Systems," *Community Mental Health Journal*. 15:3-20.

Tierney, K. J. 1988. "Social Aspects of the Whittier Narrows Earthquake," *Earthquake Spectra*. 4:11-23.

Grusky, O., K. Tierney, R. Anspach, D. Davis, J. Holstein, D. Unruh, and S. Vandewater. 1987. "Descriptive Evaluations of Community Support Programs." *International Journal of Mental Health*. 15:26-43.

Grusky, O., K. Tierney, J. Holstein, R. Anspach, D. Davis, D. Unruh, S. Webster, S. Vandewater, and H. Allen. 1986. "Models of Local Mental Health Delivery Systems," (long version). Pp. 159-195, in W. R. Scott and B. L. Black (eds.) *The Organization of Mental Health Services: Societal and Community Systems*. Beverly Hills, CA: Sage Publications.

Grusky, O., K. Tierney, R. Manderscheid, and D. Grusky. 1985. "Social Bonding and Community Adjustment of Chronically Mentally Ill Adults," *Journal of Health and Social Behavior*. 26:49-63.

Grusky, O., K. Tierney, J. Holstein, R. Anspach, D. Davis, D. Unruh, S. Webster, S. Vandewater, and H. Allen. 1985. "Models of Local Mental Health Delivery Systems," (short version) *American Behavioral Scientist*. 28:704-720.

Tierney, K. J. 1985. "Emergency Medical Preparedness and Response in Disasters: The Need for Interorganizational Co-Ordination," *Public Administration Review*. 45:77-84.

Tierney, K. J. 1983. "On the Importance of Social Factors in the Prevention and Management of Chemical Emergencies," *Zivilschutz-Forschung*. 14:119-135 (German).

Tierney, K. J. and D. L. Corwin. 1983. "Exploring Intra-Familial Child Sexual Abuse: A Systems Approach." In D. Finkelhor, R. J. Gelles, G. T. Hotaling, and M. A. Straus (eds.), *The Dark Side of Families: Current Family Violence Research*. Beverly Hills, CA: Sage Publications.

Tierney, K. J. 1982. "Developing a Community Preparedness Capability for Sudden Emergencies Involving Hazardous Materials." Pp. 759-787, in H. H. Fawcett and W. S. Wood (eds.), *Safety and Accident Prevention in Chemical Operations*, Second Edition. New York, NY: Wiley Interscience.

Tierney, K. J. 1982. "The Battered Women Movement and the Creation of the Wife Beating Problem," *Social Problems*. 20:207-229.

Gurney, J. N. and K. J. Tierney. 1982. "Relative Deprivation and Social Movements: A Critical Look at Twenty Years of Theory and Research," *The Sociological Quarterly*. 23:33-47.

Tierney, K. J. 1981. "Community and Organizational Awareness of and Preparedness for Acute Chemical Emergencies," *Journal of Hazardous Materials*. 4:331-342.

Quarantelli, E. L. and K. J. Tierney. 1981. "A Model for Studying Community Preparedness for Acute Chemical Disasters." Pp. 336-353, in H. Graf-Baumann and S. Metreveli (eds.) *Unfall- und Katastrophen-forschung*. Erlangen, W. Germany: Fachbuch (German).

Tierney, K. J. 1980. "Emergent Norm Theory as Theory: An Analysis and Critique of Turner's Formulation." Pp. 42-53, in M. D. Pugh (ed.) *Collective Behavior: A Source Book*. St. Paul, MN: West Publishing Company.

Quarantelli, E. L., C. Lawrence, K. Tierney, and T. Johnson. 1979. "Initial Findings from a Study of Socio-Behavioral Preparations and Planning for Acute Chemical Hazard Disasters," *Journal of Hazardous Materials*. 3:79-90.

Tierney, K. J. and V. A. Taylor. 1977. "EMS Delivery in Mass Emergencies: Preliminary Research Findings," *Mass Emergencies*. 2:151-157.

## **RESEARCH REPORTS AND CONFERENCE PROCEEDINGS**

Tierney, K. 2010. "Societal Dimensions of Earthquakes and Other Hazards: Findings in Search of Theory." *Proceedings of the 9<sup>th</sup> U. S. National and 10<sup>th</sup> Canadian Conference on Earthquake Engineering*. Oakland, CA: Earthquake Engineering Research Institute.

Tierney, K. J. and J. Trainor. 2004. "Networks and Resilience in the World Trade Center Disaster." Pp. 157-172 in *Research Progress and Accomplishments 2003-2004* Buffalo, NY: State University of New York at Buffalo, Multidisciplinary Center for Earthquake Engineering Research.

Chang, S. E., A. Rose, M. Shinozuka, W. D. Svekla, and K. J. Tierney. 2000. "Modeling

Earthquake Impact on Lifeline Systems: Advances and Integration.” Pp. 1-14 in *Research Progress and Accomplishments, 1999-2000*. Buffalo, NY: State University of New York at Buffalo, Multidisciplinary Center for Earthquake Engineering Research.

Tierney, K. J., S. E. Chang, R. T. Eguchi, A. Rose, and M. Shinozuka. 1999. “Improving Earthquake Loss Estimation: Review, Assessment and Extension of Loss Estimation Methodologies.” Pp. 13-28 in *Research Progress and Accomplishments, 1997-1999*. Buffalo, NY: State University of New York at Buffalo, Multidisciplinary Center for Earthquake Engineering Research.

Tierney, K. J. and J. M. Dahlhamer. 1999. “Factors Influencing Business Recovery Following Earthquakes.” Pp. 539-546 in *Proceedings of the 6<sup>th</sup> Japan/United States Workshop on Urban Earthquake Hazard Reduction*. Tokyo, Japan: Institute of Social Safety Science.

Tierney, K. J. 1998. “How Will Social Science Help Us Deal With Earthquakes?” In *Proceedings of the 50<sup>th</sup> Annual Meeting of the Earthquake Engineering Research Institute*. Oakland, CA: Earthquake Engineering Research Institute.

Tierney, K. J. and J. M. Dahlhamer. 1998. “Business Disruption, Preparedness, and Recovery: Lessons From the Northridge Earthquake.” Pp. 171-178 in *Proceedings of the NEHRP Conference and Workshop on Research on the Northridge, California Earthquake of January 17, 1994*, Volume IV. Richmond, CA: California Universities for Research in Earthquake Engineering.

Lee, G.C., T. O’Rourke, M. Shinozuka, and K. J. Tierney. 1998. “Developing Urban Reconstruction Strategies from Northridge and Kobe Earthquake Studies.” Pp. 112-118 in *Proceedings of the NEHRP Conference and Workshop on Research on the Northridge, California Earthquake of January 17, 1994*, Volume IV. Richmond, CA: California Universities for Research in Earthquake Engineering.

Tierney, K. J. 1998. “Research Overview: Emergency Response.” Pp. 9-15 in *Proceedings of The NEHRP Conference and Workshop on Research on the Northridge, California Earthquake of January 17, 1994*. Richmond, CA: California Universities for Research in Earthquake Engineering.

Tierney, K. J. 1995. "Social Aspects of the Northridge Earthquake." Pp. 255-262 in Woods, M. C. and W. R. Sieple (eds.), *The Northridge, California Earthquake of 17 January 1994*. Sacramento, CA: California Department of Conservation, Division of Mines and Geology, Special Publication 116.

Tierney, K. J. and J. M. Nigg. 1995. "Business Vulnerability to Disaster-Related Lifeline Disruption." Pp. 72-79 in *Proceedings of the 4th U. S. Conference on Lifeline Earthquake Engineering*. American Society of Civil Engineers.

Tierney, K. J. 1994. "Societal Impacts." Pp. 7-1-7-10 in J. D. Goltz (ed.) *The Northridge, California Earthquake of January 17, 1994: General Reconnaissance Report*. Buffalo, NY:

State University of New York at Buffalo, National Center for Earthquake Engineering Research. Technical Report NCEER-94-0005.

Tierney, K. J. 1992. "Organizational Features of U.S. Lifeline Systems and their Relevance for Disaster Management." Pp. 423-436, in *Proceedings of the 4th U.S.-Japan Workshop on Earthquake Disaster Prevention for Lifeline Systems*. Washington, DC: U.S. Department of Commerce. National Institute of Standards and Technology. NIST Special Publication 840.

Tierney, K. J. 1991. "Emergency Medical Care Aspects of the Loma Prieta Earthquake." Pp. 301-325 in *International Symposium on Building Technology and Earthquake Hazard Mitigation*, CIB Proceedings, Publication 142. Washington, DC: National Institute of Standards and Technology.

Tierney, K. J. 1990. "Needed Research on the Social and Organizational Factors Affecting Medical Outcomes Following Earthquakes." Pp. 110-117 in *Proceedings of Conference XIX: A Meeting of the U.S. ad hoc Working Group on Earthquake-Related Casualties*. Reston, VA: U.S. Geological Survey.

Tierney, K. J. 1989. "Disasters and Mental Health: A Critical Look at Knowledge and Practice." Pp 158-177, in E. L. Quarantelli and C. Pelanda (eds.) *Proceedings: Italy-United States Seminar on Preparations for, Responses to, and Recovery from Major Community Disasters*. Newark, DE: Disaster Research Center, University of Delaware.

Tierney, K. J. 1988. "The Coalinga Earthquake: Four Years Later." Pp. 145-153 in *A Review of Earthquake Research Applications in the National Earthquake Hazard Reduction Program: 1977-1987*. Reston, VA: U. S. Geological Survey. Open-File Report 88-13-A.

Tierney, K. J. 1986. "Dilemmas in Post-Earthquake Recovery: The Case of the 1983 Coalinga, California Earthquake," *Proceedings of the Third U. S. National Conference on Earthquake Engineering*. 3:2401-2411.

Quarantelli, E. L. and K. J. Tierney. 1979. "Disaster Preparation Planning." Pp. 73-89, in *Fire Safety and Disaster Preparedness*. Report of the Inter-governmental Research and Development Project, Office of Public Sector Programs, American Association for the Advancement of Science. Washington, DC: AAAS. AAAS Pub. No. 79-R-3.

Quarantelli, E. L. and K. J. Tierney. 1979. "Social Climate and Preparation for Sudden Chemical Disasters." Pp. 457-460, in E. P. Lewis, L. D. Nelson, D. W. Scully, and J. S. Williams (eds.) *Sociological Research Symposium IX*. Richmond, VA: Department of Sociology, Virginia Commonwealth University.

## **TECHNICAL REPORTS**

Contributing author, "The March 11, 2011, Great East Japan (Tohoku) Earthquake and Tsunami: Societal Dimensions." Report based on Earthquake Engineering Research Institute

reconnaissance team study of tsunami-stricken communities in Iwate and Miyagi prefectures, June, 2011.

Farhar, B., L. M. Hunter, T. M. Kirkland, and K. J. Tierney. 2010. *Community Response to Concentrating Solar Power in the San Luis Valley*. National Renewable Energy Laboratory. Subcontract Report NREL/SR-550-48041.

Tierney, K. 2009. *Disaster Response: Research Findings and Their Implications for Resilience Measurement*. Refereed white paper, Community and Regional Resilience Institute, Oak Ridge National Laboratory.

O'Rourke, T. D., T. Holzer, C. Rojahn, and K. Tierney. 2008. *Contributions of Earthquake Engineering to Protecting Communities and Critical Infrastructure from Multihazards*. Oakland, CA: Earthquake Engineering Research Institute.

Ritchie, L., K. Tierney, D. Austin, M. Beres, C. Bevc, B. Gilbert, and J. Sutton. 2008. *Disaster Preparedness Among Community-Based Organizations in the City and County of San Francisco*. Natural Hazards Center, Institute of Behavioral Science, University of Colorado.

Sutton, J. and K. Tierney. 2006. *Disaster Preparedness: Concepts, Guidance, and Research*. San Francisco, CA: The Fritz Institute.

Tierney, K. 2006. "Societal Dimensions." Pp. 67-78 in W. Iwan (ed.) *Summary Report on The Great Sumatra Earthquakes and Indian Ocean Tsunamis of 26 December 2004 and 28 March 2005*. Oakland, CA: Earthquake Engineering Research Institute.

Alesch, D., P. May, R. Olshansky, W. Petak, and K. Tierney. 2004. *Promoting Seismic Safety: Guidance for Advocates*. Joint Publication of the Mid America Earthquake Center, the Multidisciplinary Center for Earthquake Engineering Research, and the Pacific Earthquake Engineering Research Center. Buffalo, NY: State University of New York at Buffalo, Multidisciplinary Center for Earthquake Engineering Research.

Holzer, T., R. D. Borchert, C. D. Comartin, R. D. Hanson, C. R. Scawthorn, K. Tierney, and T. L. Youd. 2003. *The Plan to Coordinate NEHRP Post-Earthquake Investigations*. Washington, DC: U. S. Geological Survey. Circular 1242.

Wachtendorf, T., R. Connell, and K. Tierney, with assistance from K. Kompanik. 2002. *Disaster Resistant Communities Initiative: Assessment of the Pilot Phase—Year 3*. Newark, DE: Disaster Research Center, University of Delaware. Final Project Report #45.

Wachtendorf, T., and K. J. Tierney. 2001. *Disaster Resistant Communities Initiative: Local Community Representatives Share Their Views: Year 3 Focus Group Report*. Newark, DE: Disaster Research Center, University of Delaware. Final Project Report #47.

Wachtendorf, T., R. Connell, and K. J. Tierney. 2001. *Disaster Resistant Communities*

*Initiative: Assessment of the Pilot Phase, Year 3.* Newark, DE: Disaster Research Center, University of Delaware. Final Project Report #48.

Tierney, K. J. 2000. *Executive Summary: Disaster Resistant Communities Initiative: Evaluation of the Pilot Phase, Year 2.* Newark, DE: Disaster Research Center, University of Delaware. Final Project Report #42.

Tierney, K. J. 2000. *Implementing a Seismic Computerized Alert System (SCAN) for Southern California: Lessons and Guidance from the Literature on Warning Response and Warning Systems.* Newark, DE: Disaster Research Center, University of Delaware. Final Project Report #45.

Tierney, K., J., J. Harrald, and G. Webb. 2000. *Coping With Y2K: Organizational Adaptation and Change at the U. S. Department of Transportation.* Washington, DC: U. S. Department of Transportation, Research and Special Programs Administration, Office of Emergency Transportation.

Nigg, J. M., J. Riad, T. Wachtendorf, and K. J. Tierney. 2000. *Disaster Resistant Communities: Evaluation of the Pilot Phase, Year 2.* Newark, DE: Disaster Research Center, University of Delaware, Final Project Report #41.

Wachtendorf, T., J. Riad, and K. J. Tierney. 2000. *Disaster Resistant Communities: Focus Group Analysis.* Newark, DE: Disaster Research Center, University of Delaware. Final Project Report #43.

Nigg, J. M. and K. J. Tierney, with J. M. Dahlhamer, M. J. D'Souza, L. Reshaur, and G. Webb. 1996. *Utilization and Impact of Earth Science Information Among Local Governments and Businesses in Southern California.* Newark, DE: Disaster Research Center, University of Delaware, Final Project Report #39.

Seligson, H. A., R. T. Eguchi, K. J. Tierney, and K. Richmond. 1996. *Chemical Hazards, Mitigation and Preparedness in Areas of High Seismic Risk: A Methodology for Estimating the Risk of Post-Earthquake Hazardous Materials Release.* National Center for Earthquake Engineering Research, State University of New York at Buffalo, Technical Report NCEER-96-0013.

### **SELECTED BOOK REVIEWS (since 2000)**

Tierney, K. 2010. "Growth Machine Politics and the Social Production of Risk." Review for symposium on *Catastrophe in the Making: Hurricane Katrina and the Disasters of Tomorrow.* *Contemporary Sociology* 39: 660-663.

Tierney, K. J. 2006. "Foreshadowing Katrina: Recent Sociological Contributions to Vulnerability Science." Review symposium article, *Contemporary Sociology* 35: 207-212.

Tierney, K. J. 2005. "The 9/11 Commission and Disaster Management: Little Depth, Less Context, Not Much Guidance." Review symposium on *The 9/11 Commission Report: Final*

*Report of the National Commission on Terrorist Attacks Upon the United States. Contemporary Sociology* 34: 115-120.

Tierney, K. J. 2004. Review of *Heat Wave: A Social Autopsy of Disaster in Chicago*, by Eric Klinenberg. *Urban Affairs Review* 39: 514-517.

## PAPERS AND PRESENTATIONS

Tierney, K. 2015. "Power Disruptions and Cascading Impacts: Issues for Consideration." Presentation at the Workshop on Preparing for High Consequence, Low Probability Events; Heat, Water, and Energy in the Southwest. University of Arizona, Tucson, September 28.

Tierney, K. 2015. "Wildfire Hazards: Your Challenges—and Why They are so Challenging." Invited plenary presentation at the Colorado Wildfire Conference, Snowmass, CO, September

24.

Tierney, K. and S. Cutter. 2014. "Disaster Risk and the Social Order: Differential Exposures, Impacts, and Recovery." Invited plenary presentation at the annual meeting of the Society for Risk Analysis, Denver, December 10.

Tierney, K. 2014. "Rents and Risk: Does Rent Seeking Increase Disaster Risk and Losses?" Invited plenary presentation at the annual meeting of the Integrated Disaster Risk Management Society, London, Ontario, November 1.

Tierney, K. 2014. "Resilient Disaster Response and Recovery." Invited plenary presentation at the annual AFAC/Bushfire and Natural Hazards Collaborative Research Center, Wellington, New Zealand, September 2.

Tierney, K. and T. O'Rourke. 2014. "Mega-Disasters: Design for an Unsettled Planet." Invited plenary presentation at the 10<sup>th</sup> National Conference on Earthquake Engineering, Anchorage, Alaska, July 23.

Tierney, K. 2014. "Social Roots of Disaster Resilience." Invited plenary presentation at the World Conference on Disaster Management, Toronto, June 16.

Tierney, K. 2013. "Are Disasters Natural?" Invited presentation at the University of Colorado Boulder Social Science Forum, Boulder, November 14.

Tierney, K. 2013. Telephone briefing on the Boulder Flood of September, 2013, for the U. S. Subcommittee on Disaster Reduction, Office of Science and Technology Policy, November 7.

Tierney, K. 2013. "Levels of Analysis and the Social Production of Risk and Disaster." University of Copenhagen Law School, November 1.

Tierney, K. 2013. "Is Emergency Management a Profession?" Plenary presentation at the annual meeting of the Kansas Emergency Management Association, Topeka, KS, September 11.

Tierney, K. 2013. "Social Science Research on Hazards and Disasters: Topics, Concepts, and Resources." Presentation in Workshop on "Natural Disasters and Social Responses: A Global Perspective." Summer Teacher Institute, University of Chicago. July 9.

Tierney, K. 2013. "Social Capital, Networks, and Disasters." Presentation at the University of Auckland (NZ), May 22.

Tierney, K. 2013. "Levels of Analysis and the Social Production of Risk and Disaster." Presentation at the University of Auckland (NZ), May 20.

Tierney, K. 2013. "Constructing Disaster: Science, Policy, and Politics." Presentation in speaker series on "Conceptualizing Disaster/Producing Nature," University of Chicago, Program on the Global Environment, April 9.

Tierney, K. 2013. "A Frayed Safety Net: Community-Based Organizations and Disaster Vulnerability." Paper presented at the annual meeting of the Society for Applied Anthropology, Denver, March 21.

Tierney, K. 2013. Participant, plenary panel presentation on "The 'Human Factor' in Environmental Disasters." Annual meeting of the National Council for Science and the Environment, Washington, DC, January 15.

Tierney, K. 2012. "Disaster Resilience: Are Current Frameworks Adequate?" Presentation at the 3<sup>rd</sup> annual Virginia Tech Colloquium on Community Resilience, Davos, Switzerland, August 24.

Tierney, K. 2012. "Decisions in Disaster: Smart People, Smart Institutions?" Invited presentation at the National Academies Government-University-Industry Research Roundtable Workshop on Decision Making Under Risk and Uncertainty, Washington, DC, June 19-20.

Tierney, K. 2012. "Lessons from Recent Earthquakes: Societal Impacts." Plenary presentation at the annual meeting of the Earthquake Engineering Research Institute and National Earthquake Conference, Memphis, April 11.

Tierney, K. 2012. Presentation in "author meets critics" session on *The Women of Katrina*, annual meeting of the Southern Sociological Society, New Orleans, March 23.

Tierney, K. 2012. "Social Media and Disaster Risk Reduction." Invited plenary presentation at the annual meeting of the Pacific Risk Management Ohana (PRIMO), Honolulu, March 13.

Tierney, K. 2012. "New Directions in Hazards and Disaster Research." Presentation, Dept. of Urban and Regional Planning, University of Hawaii, Honolulu, March 12.

Tierney, K. 2012. "Social Dimensions of Disaster Recovery." Presentation at the Netherlands-

U. S. Workshop on Disaster Management, The Hague, Netherlands Feb. 15. (Natural Hazards Center co-organized the workshop as part of its grant “Netherlands-U. S. Water Crisis Network”).

Tierney, K. 2011. “Nature’s Timetable: If Not Now, When?” Keynote presentation at the National Academy of Sciences Transportation Research Board Hazards and Security Summit, Irvine, CA, August 23.

Tierney, K. 2011. “Hazards, Risks, and Climate Change: Transferrable Lessons.” Paper presented at the annual meeting of the American Sociological Association, Las Vegas, August 20.

Tierney, K. 2011. “Risk Governance and Management: A Sociologist’s View.” Keynote presentation at the International Conference on Integrated Disaster Risk Management, Los Angeles, July 16.

Tierney, K. 2011. “Collaborations for Emergency Management and Disaster Response: A U. S. Perspective.” Presentation at the Netherlands-U. S. Workshop on Emergency Management, The Hague, May 25. (Natural Hazards Center co-organized the workshop as part of its grant “Netherlands-U. S. Water Crisis Network”).

Tierney, K. 2011. “From the ‘Ivory Tower’ to the EOC: Social Science Research on Human Behavior in Disasters and its Relevance for Disaster Management.” Invited plenary presentation at the Disasters Forum 2011, Banff, Alberta, May 11.

Tierney, K. 2011. “Near-Worst Case Disaster in Japan: Lessons and Implications.” Panel presentation, CU Boulder Center for Asian Studies Panel on the 2011 Japan Earthquake and Tsunami. Boulder, April 15.

Tierney, K. 2011. “Are We Effectively Defining, Evaluating, and Assessing Resilience for U. S. Cities?” Invited panel presentation at the annual meeting of the Earthquake Engineering Research Institute, La Jolla, Feb. 11.

Tierney, K. 2010. “Social Dimensions of Disaster Recovery.” Invited paper presented at the Theory of Recovery Workshop, sponsored by NSF and the Public Entity Risk Institute, University of North Carolina at Chapel Hill, November 11 (via teleconference).

Tierney, K. 2010. Presentation on William Freudenburg’s contributions to the study of hazards and disasters, one-day “Freudenfest” symposium, University of California, Santa Barbara, November 6.

Kirkland, T., L. M. Hunter, K. Tierney, and B. Farhar. 2010. “Symbolic Landscapes and Local Perception of Solar Energy Development in the San Luis Valley of Colorado.” Paper presented Environment and Technology roundtable, annual meeting of the American Sociological Association, Atlanta, August 14-17.

Tierney, K. 2010. Presentation in Author Meets Critics session on *Catastrophe in the Making: Hurricane Katrina and the Disasters of Tomorrow*. Annual meeting of the American Sociological Association, Atlanta, August 14-17. Presentations were revised for publication in *Contemporary Sociology*.

Tierney, K. 2010. "Societal Dimensions of Earthquakes and Other Disasters: Findings in Search of Theory." Invited plenary panel presentation at the 9<sup>th</sup> U. S. and 10<sup>th</sup> Canadian Conference on Earthquake Engineering, Toronto, July 26.

Tierney, K. 2010. "Natural Hazards and Sustainability: Both Engineering and Sociology—and Much More." Presentation at colloquium on "Engineering Sustainability in the Face of Natural Hazards," sponsored by the National Academy of Engineering, University of Colorado, Boulder, May 19.

Tierney, K. 2010. "Social Networks and Disaster Resilience." Invited seminar presentation at the U.S. Department of Homeland Security, Washington, DC, April 28.

Tierney, K. 2010. "Risk 101: An Introduction to the Social Production of Risk." Invited presentation at the "Ezra Seminar," Dept. of Systems Engineering, Cornell University, April 9.

Tierney, K. 2010. Invited presentation on panel entitled "Preparing for 21<sup>st</sup> Century Disasters," Harvard Social Enterprise Conference, sponsored by the Harvard Business School and the Kennedy School of Government. Cambridge, MA, Feb. 28.

Tierney, K. 2009. "The Importance of Research for Effective Emergency Management Practice." Presentation at training workshop sponsored by the Fire and Rescue Services Industry Training Organization of New Zealand. Rotorua, NZ, Oct. 17.

Tierney, K. 2009. "Disaster Resilience: Definitions, Concepts, and Measures." Presentation at an in-house workshop sponsored by the New Zealand Ministry of Civil Defense and Emergency Management. Wellington, NZ, Oct. 16.

Tierney, K. 2009. "Unforeseen Consequences of U.S. Emergencies and Disasters." Presentation at a colloquium sponsored by the New Zealand Ministry of Civil Defense and Emergency Management. Wellington, NZ, Oct. 15.

Tierney, K. 2009. "Recent Disaster Research Developments in the U.S." Presentation at a colloquium sponsored by the New Zealand Ministry of Civil Defense and Emergency Management. Wellington, NZ, Oct. 14.

Tierney, K. 2009. "Population Resilience: Research Needs and Priorities." Invited presentation for the Department of Homeland Security Science and Technology Advisory Committee. Arlington, VA, Sept. 22.

Tierney, K. 2009. "Disaster Risk Communication: Myths vs. Realities." Keynote presentation at the annual FEMA External Affairs Conference. Broomfield, CO, June 29.

Tierney, K. 2009. Presentation on the Natural Hazards Center, its work, and resources for practitioners at the monthly meeting of the Denver Area Association of Contingency Planners. Denver, CO, May 8.

Tierney, K. 2009. "Disaster Resilience: Definitions, Concepts, and Measures." Presentation at the Third Annual DHS University Network Summit. Washington, DC, March 18.

Tierney, K. 2009. "Leadership in Emergency Management: Skills and Strategies for the Emergency Manager of the 21<sup>st</sup> Century." Presentation at the Conference Board of Canada Council on Emergency Management. Ottawa, Canada, Feb. 11. Presentation became one source used for a briefing report published by the Conference Board entitled *Effective Crisis Leadership: Qualities of Successful Leaders*.

Tierney, K. 2009. "Disaster Resilience: Definitions, Concepts, and Measures." Invited keynote presentation, Comparative Workshop for Disaster Reduction, Kobe, Japan, Jan. 16.

Tierney, K. 2009. "Businesses and Disasters: Empirical Findings and Lessons Learned." Presentation at the 2<sup>nd</sup> Coordination Consortium, sponsored by Kyoto University and the Universities of Osaka and Kobe. Osaka, Japan, Jan. 14.

Tierney, K. J. 2008. "Resilience as Structure and Process." Invited keynote paper, 14<sup>th</sup> World Conference on Earthquake Engineering, Beijing, China, Oct. 15.

Tierney, K. J. 2008. "Where's the Public in Public Health Preparedness (and Other Preparedness Efforts)?" Invited plenary presentation, 7<sup>th</sup> UCLA Conference on Public Health and Disasters, Torrance, CA May 19.

Tierney, K. J. 2008. "Overview of Resiliency: A Working Goal." Invited plenary presentation, U. S. National Earthquake Conference, Seattle, April 25.

Tierney, K. J. 2008. "Climate Change Preparedness: Why it Doesn't Exist and How We Can Encourage It." Invited presentation, Rockefeller-Aspen Roundtable, New York, April 23.

Tierney, K. J. 2008. "Businesses and Disasters: Sources of Vulnerability and Resilience." Invited plenary presentation at the annual meeting of the Emergency Preparedness for Industry and Commerce Council (EPICC), Vancouver, BC, Feb. 26.

Tierney, K. J. 2007. "What Katrina Taught Us: Gaps in Understanding and Practice." Invited plenary presentation, Canadian Risk and Hazards Network Symposium, Vancouver, Canada, Nov. 7.

Tierney, K. J. 2007. "Wildfire Issues from the Natural Hazards Perspective." Invited plenary presentation, Conference on Human Dimensions of Wildland Fire, Oct. 24.

Tierney, K. J. 2007. "Thoughts on Conservation, Resilience, and Environmental Extremes." Panel presentation at Rally 2007, National Land Conservation Conference, Denver, CO, Oct. 6.

Tierney, K. J. 2007. "The Politics of Natural Disasters." Invited presidential panel presentation, annual meeting of the American Sociological Association, New York, NY, Aug. 12.

Tierney, K. J. 2007. "Toward Sociologically-Based Disaster Loss Reduction Strategies." Presentation at the Department of Homeland Security Disaster Preparedness Research Conference, Washington, DC, Feb. 21.

Tierney, K. J. 2007. "Hurricane Katrina: Societal Dimensions." Plenary presentation at the annual meeting of the Reinsurance Association of America, New Orleans, Feb. 16.

Tierney, K. J. 2007 "Crossing Boundaries: The Value of Multidisciplinary and Interdisciplinary Research for Disaster Loss Reduction." Invited presentation, Frontiers of Human Dimensions Science Research Series, Institute for the Study of Society and Environment, National Center for Atmospheric Research, Boulder, CO. Jan. 23.

Tierney, K. J. 2006. "Social Vulnerability: A New Paradigm for Disaster Research." Keynote presentation, annual conference of the Institute for Business and Home Safety, Orlando, FLA, November 16; also presented at the National Center for Atmospheric Research, Sept. 21; the University of British Columbia, Oct. 19; Washington State University, Nov, 9.

Tierney, K. J. 2006. "From the Margins to the Mainstream? Disaster Research at the Crossroads." Invited public lecture, Thomas S. Foley Institute for Public Policy and Public Service, Washington State University, November 8.

Sutton, J. and K. Tierney. 2006. "Disaster Preparedness: Concepts, Guidance, and Research." Assessing Disaster Preparedness Conference, Sebastopol, CA, November 4.

Tierney, K. J. 2006. "Conceptualizing and Measuring Disaster Resilience." Invited plenary presentation, 3<sup>rd</sup> annual symposium of the Canadian Risk and Hazards Network, October 13, Montreal, Canada.

Tierney, K. J. and J. Sutton. 2006. "Disaster Research as a Specialized Field of Inquiry: History and Human Subjects Considerations." Invited session, Office of Human Research Protection regional conference on "Special Populations/Special Research Situations." June 1, Denver, CO.

Tierney, K. J. 2006. "Expanding Boundaries: The Value of Multidisciplinary and Interdisciplinary Research for Disaster Loss Reduction." Distinguished lecture, Earthquake Engineering Research Institute. Presented at: Annual meeting of the Earthquake Engineering Research Institute, San Francisco, April 20; St. Louis, MO, May 9; University of Colorado, September 3; University of British Columbia, October 19.

Tierney, K. J. 2006. "Hurricane Katrina: Catastrophic Impacts and Alarming Lessons." Invited lecture, series on Disasters, Environment, and Public Policy, Amherst, MA, University of Massachusetts at Amherst, April 10.

Tierney, K. J. 2006. "Disaster Vulnerability and Victimization: An Environmental Justice Issue." Invited presentation, 2006 Frankel Symposium, UCLA School of Law, Environmental Law Center, Los Angeles, April 7.

Tierney, K. J. 2006. "Myths About Disaster Behavior and Their Relevance for Bioterrorism Preparedness." Invited roundtable presentation, annual meeting of the American Society for Public Administration, Denver, April 2.

Tierney, K. J. and Christine Bevc. 2006. "Disaster as War: Militarism and the Social Construction of Disaster in New Orleans." Paper presented at the annual meeting of the Southern Sociological Society, New Orleans, March 22-25.

Tierney, K. J. 2006. "Hurricane Katrina: Catastrophic Impacts and Alarming Lessons." Berkeley Symposium on Real Estate, Catastrophic Risk, and Public Policy. Berkeley, CA, March 23.

Tierney, K. J. 2006. "Preparedness for Catastrophic and Near-Catastrophic Events: Issues and Challenges in the Wake of Hurricane Katrina." Invited lecture, Quake '06 Lecture Series, Feb. 28 (Stanford University) and March 1 (UC Berkeley).

Tierney, K. J. 2005. "Hurricane Katrina: Impacts, Consequences, and Implications for Emergency Management." Invited plenary presentation, 2<sup>nd</sup> Annual Canadian Risk and Hazards Network Symposium, Toronto, November 17.

Tierney, K. J. 2005. "Societal Dimensions of Terrorism: Preparedness and Risk Communication Challenges." Panel presentation at the Department of Homeland Security Centers of Excellence Symposium, Washington, DC, June 14.

Tierney, K. J. 2005. "Emergency Management, Homeland Security, and Higher Education: Overcoming the 9/12 Syndrome." Panel presentation at the FEMA/DHS Higher Education Conference, Emmitsburg, MD, June 7.

Tierney, K. J. 2005. "Public Response to Emergencies: Fact or Fiction?" Invited presentation at Fourth Conference on Public Health and Disasters, sponsored by the UCLA Center for Public Health and Disasters, Woodland Hills, CA, May 3.

Tierney, K. J. 2005. "Effective Strategies for Hazard Assessment and Loss Reduction: The Importance of Multi-Disciplinary and Interdisciplinary Approaches." Keynote paper, Annual Conference on Hazards Mitigation Research, Tianan, Taiwan, February 17.

Tierney, K. J. 2005. "Social Science, Disasters, and Homeland Security." Invited presentation at the Office of Science and Technology Policy, Washington, DC, February 8.

Tierney, K. J. 2005. "Twenty Years After Mexico City: Lasting Lessons from the 1985 Mexico City Earthquake." Panel presentation at the annual meeting of the Earthquake Engineering Research Institute, Ixtapa, Mexico, February 3.

Tierney, K. J. 2005. "Response, Recovery, and Resilience." Panel Presentation at the United Nations World Conference on Disaster Reduction, Kobe, Japan, January 21.

Tierney, K. J. 2005. "Recent Developments in Homeland Security Policy and Their Implications for the Management of Extreme Events." Paper presented at the First International Conference on Urban Disaster Reduction, Kobe, Japan, January 19.

Tierney, K. J. 2005. "Communicating Risk and Promoting Self-Protective Action." Panel presentation at the Symposium on Living in the Coastal Zone, annual meeting of the American Meteorological Society, San Diego, CA, January 11.

Tierney, K. J. 2004. "What Goes Right When Things Go Wrong: Resilience in the World Trade Center Disaster." Invited lecture, Department of Sociology, University of California, Davis. Speaker series on "When Things Break Down: Social Systems in Crisis," October 15.

Tierney, K. J. and B. Adams. 2004. "Remote Sensing Technologies for Disaster Response and Recovery." Invited presentation for the White House Homeland Security Council, September 22.

Tierney, K. J. 2004. "U. S. Research on Hazards and Disasters: The Social Science Perspective." Invited seminar presentation at the International Institute of Earthquake Engineering and Seismology, Tehran, Iran, May 15.

Tierney, K. J. 2004. "Establishing a Research Agenda: Other Critical Issues." Paper presented at the Disaster Research Center's 40<sup>th</sup> Anniversary Conference, Newark, DE, May 1.

Tierney, K. J. 2004. "Reducing Vulnerability to Weather and Climate Hazards." Invited seminar presentation at the National Center for Atmospheric Research, Boulder, CO, March 31.

Tierney, K. J. 2004. "Social Science Research on Hazards and Disasters: New Developments, New Dilemmas." Presentation at the Environment and Behavior Brown Bag Seminar, Institute of Behavioral Science, University of Colorado, March 15.

Tierney, K. J. 2004. "Businesses and Disasters: Lessons Learned from Northridge and Other Disasters." Invited plenary presentation at the 9<sup>th</sup> annual planning forum of the Emergency Preparedness for Industry and Commerce Council (EPICC), Vancouver, BC, March 2 and 3.

Tierney, K. J. 2004. "New Societal and Policy Directions for Earthquake Mitigation." Presentation at the annual meeting of the Earthquake Engineering Research Institute, Los Angeles, February 4-8.

Tierney, K. J. 2004. "Collective Behavior in Times of Crisis." Commissioned paper presented at the National Research Council Roundtable on Social and Behavioral Sciences and Terrorism, Meeting 4, "Risk Communication for Terrorism." Washington, DC, National Academies, January 30.

Tierney, K. J. 2003. "The Human Dimension of Disasters: Improving Societal Resilience Through the Application of Sociological Research." Invited presentation at a Congressional seminar entitled "The Human Dimension of Disasters: How Social Science Research Can Improve Preparedness, Response, and Recovery," sponsored by the American Sociological Association and other organizations. Washington, DC, October 27.

Tierney, K. J. 2003. "Responding Effectively to Extreme Events: Reality Versus Assumptions." Invited presentation at the Biosecurity 2003 conference, sponsored by the Harvard School of Public Health and Harvard Medical School, Washington, DC, October 22.

Tierney, K. J. 2003. Invited presentation, panel on "Public Information and Risk Communication in Crises," conference on "Security, Technology, and Privacy: Shaping a 21<sup>st</sup> Century Public Information Policy." Georgetown University Law Center, Washington, DC, April 24-25.

Discussant, 2003 Author Meets Critics session on *Heat Wave: A Social Autopsy of Disaster in Chicago*, by Eric Klinenberg, annual meeting of the Eastern Sociological Society, Philadelphia, PA, March 1.

Tierney, K. J. 2003. Civil Society as an Asset During a Public Health Emergency. Invited panel presentation at conference entitled The Public as an Asset, Not a Problem: A Summit on Leadership During Bioterrorism, sponsored by the Johns Hopkins University Center for Civilian Biodefense Strategies, Washington, DC, February 3-4.

Tierney, K. J. 2003. "Conceptualizing and Measuring Organizational and Community Resilience: Lessons From the Emergency Response Following the September 11, 2001 Attack on the World Trade Center. Paper presented at the Third Comparative Workshop on Urban Earthquake Disaster Management, Kobe, Japan, January 30-31.

Tierney, K. J. 2002. Risk Communication and Hazards: Lessons From Research. Invited presentation at the National Academies Forum on Alerting America: Effective Risk Communication, sponsored by the NAS Natural Disasters Roundtable, Washington, DC, October 31.

Tierney, K. J. 2002. "Not Again! Recycling Disaster Myths in the Aftermath of 9-11." Paper presented at the annual meeting of the American Sociological Association. Chicago, August 16-19.

Tierney, K. J. 2002. "Community Response to the World Trade Center Attack: Achieving Resilience in the Face of Near-Catastrophic Events." Invited plenary presentation at the 7<sup>th</sup> National Conference on Earthquake Engineering. Boston, MA, July 24.

Tierney, K. J. 2002. "Community Response to the World Trade Center Attack: Lessons Learned and Parallels with Research on Group and Organizational Responses to Disasters." Invited plenary presentation at the annual Natural Hazards Workshop. Boulder, CO, July 15.

Tierney, K. J. 2002. "Overview: Conceptualizing and Measuring Resilience for Physical and Organizational Systems." Presentation at the Multidisciplinary Center for Earthquake Engineering Research Workshop on Lessons Learned from the World Trade Center Attack.. New York City, June 25.

Tierney, K. J. 2002. "The Crisis Management Planning Process." Invited presentation at the annual meeting of the Maryland College Health Nurses Association. University of Delaware. Newark, DE. June 12.

Tierney, K. J. 2002. "Businesses and Disasters: Lessons Learned from Andrew and Other Disasters in the U. S." Presentation at the Andrew +10 Summit, Florida International University. Miami, FLA, May 30.

Tierney, K. J. 2002. "Social Science, Hazards, and Disasters: A Brief Overview and Some Applications." Seminar presentation at Columbia University, Institute for Social and Economic Research and Policy. New York City, May 16.

Tierney, K. J. 2002. "Social Science and Disaster Research Perspectives on the September 11 Attacks." Presentation at Congressional briefing on AHuman Response to Disaster. @ Washington, DC, April 24.

Tierney, K. J. 2002. "Lessons Learned from Research on Group and Organizational Response to Disasters." Invited presentation at National Academies Forum on ACountering Terrorism: Lessons Learned from Natural and Technological Disasters. @ Washington, DC, February 28.

Tierney, K. J. and J. M. Kendra. 2001. "Response and Resilience in the World Trade Center Attack." Presentation at workshop on Learning From Urban Disasters, New York University. New York City, December 12.

Tierney, K. J. 2001. "Business and Community Resilience Following Disasters: Lessons From the Social Science Research Literature." Invited presentation at the Urban Land Institute Larson Forum on the Future of Cities. Washington, D. C., November 16.

Tierney, K. J. 2001. "Public Support and Priorities for Seismic Rehabilitation in the East Bay Region of Northern California." Paper presented at the First Comparative Workshop on Urban Earthquake Disaster Management, Kobe, Japan, January 18-19.

Tierney, K. J. 2000. "Project Impact Progress and Program Issues: Selected Findings from the Disaster Research Center's Project Impact Evaluation." Briefing for Federal Emergency Management Agency (FEMA) Director James Lee Witt and for senior FEMA staff, Washington, D. C., September 6.

Tierney, K. J. 2000. "Project Impact Progress and Program Issues: Selected Findings from the

Disaster Research Center's Project Impact Evaluation." Presentation at the Third Annual  
Project Impact Summit, Washington, D. C., November 13.

Tierney, K. J. 2000. Project Impact Progress and Program Issues: Selected Findings from the Disaster Research Center's Project Impact Evaluation. Online presentation and discussion for the EEIP Virtual Forum, November 29. Forum was Attended by approximately 50 participants from the U.S. and Canada.

Webb, G. R., K. J. Tierney, and J. M. Dahlhamer. 2000. Predicting Long-Term Business Recovery from Disaster: A Comparison of the Loma Prieta Earthquake and Hurricane Andrew. Paper presented in the Regular Session on Disasters, Annual Meeting of the American Sociological Association.

Tierney, K. J. and James M. Dahlhamer. 1999. Factors Influencing Business Recovery Following Earthquakes. Paper presented at the 6th Japan/US Workshop on Urban Earthquake Hazard Reduction, Kobe, Japan, January 12-14.

Tierney, K. J. 1999. Invited series of presentations on the social aspects of the Year 2000 problem, sponsored by IBM Corporation, February 26 (San Francisco), March 9 (Miami), May 18 (White Plains, NY), September 29 (Danbury, CT).

Tierney, K. J. 1999. Lectures as Visiting Scholar at Kyoto University, Japan: The Second Assessment of Research on Natural Hazards: Research Syntheses and a New Framework for the Study of Hazards and Disasters, and Social Science Approaches to Disasters and Their Management: Perspectives from U. S Research, both on October 13.

Tierney, K. J. 1999. Businesses and Disasters: What (Little) We Think We Know and What (Lots) We Don't Know. Invited presentation in the session on Business Vulnerability, Impacts, and Planning, 24th Annual Hazards Research and Applications Workshop, Boulder, CO, July 11-14.

Tierney, K. J. 1999. Disasters and Mental Health. Invited presentation at the UCLA Conference on Public Health and Disasters, Redondo Beach, CA, April 11-14.

Tierney, K. J. 1998. The Field Turns Fifty: Social Change and the Practice of Disaster Field Work. Invited keynote presentation at the Annual Natural Hazards Research Session, Boulder, CO, July 15-16.

Tierney, K. J. 1998. A Social Science Perspective on Loss Reduction: What Do We Need to Know, and How Can Social Science Help? Paper presented at the Public-Private Partnership Forum 4: National Lessons From the Development and Implementation of the California Earthquake Loss Reduction Plan, Washington, DC, February 23.

Tierney, K. J. 1998. How Will Social Science Help Us Deal with Earthquakes? Paper presented at the Annual Meeting of the Earthquake Engineering Research Institute, San Francisco, CA, February 4-7.

Dahlhamer, J. M. and K. J. Tierney. 1997. "Winners and Losers: Predicting Business Outcomes Following the Northridge Earthquake." Paper for the Annual Meeting of the American Sociological Association, Toronto, August 9-13.

Tierney, K. J. 1996. "Hazard Perception and Emergency Preparedness Among Businesses in Memphis/Shelby County." Presentation at the Annual Meeting of the Central U.S. Earthquake Consortium, Memphis, TN, November 18-20.

Tierney, K. J. 1996. "Business Impacts of the Northridge Earthquake." Paper presented at Pan-Pacific Hazards '96, Vancouver, B.C., Canada, July 31-August 2.

Dahlhamer, J. M. and K. J. Tierney. 1996. "Business Recovery Following the 1994 Northridge Earthquake." Paper presented at the Annual Meeting of the North Central Sociological Association, Cincinnati, OH, April 12-14.

Webb, G. R. and K. J. Tierney. 1996. "Managing Organizational Impressions in Crisis Situations: Exxon Corporation and the Exxon Valdez Oil Spill." Paper presented at the Annual Meeting of the North Central Sociological Association, Cincinnati, OH, April 12-14.

Tierney, K. J. 1995. "Impacts of Recent Disasters on Businesses: The 1993 Midwest Floods and the 1994 Northridge Earthquake." Paper presented at the National Center for Earthquake Engineering Research Conference on the Economic Impacts of Catastrophic Earthquakes--Anticipating the Unexpected, New York, NY, September 12 and 13.

Tierney, K. J. 1994. "Business Vulnerability and Disruption: Data from the 1993 Midwest Floods." Paper presented at the 41st North American Meetings of the Regional Science Association International, Niagara Falls, Ontario, Canada, November 16-20.

Tierney, K. J., L. Reshaur, and D. Ames. 1994. "Patterns of Property Damage in the Los Angeles Unrest." Paper presented at the Annual Meeting of the American Sociological Association, Los Angeles, CA, August 5-9.

Tierney, K. J. 1994. "Sociology's Unique Contributions to the Study of Risk." Paper presented at the 13th World Congress of Sociology, Bielefeld, Germany, July 18-23.

Tierney, K. J. 1994. "Recent Social Science Research and Its Relevance for the Northridge Earthquake." Invited plenary session presentation at the 5th U.S. National Conference on Earthquake Engineering, Chicago, IL, July 10-14.

Nigg, J. M. and K. J. Tierney. 1993. "Disasters and Social Change: Consequences for Community Construct and Affect." Paper presented at the Annual Meeting of the American Sociological Association, Miami, FL, August 13-17.

Tierney, K. J. 1993. "Disaster Preparedness and Response: Research Findings and Guidance from the Social Science Literature." Paper presented at Republic of China--United States Bilateral Workshop on Natural Disaster Reduction, Taipei, Taiwan, June 24-25.

Tierney, K. J. 1993. "Social, Economic, and Policy Impacts of Earthquakes." Presentation at the 1993 National Earthquake Conference, Memphis, TN, May 3-5.

Tierney, K. J. 1993. "Los Angeles 1992: First Urban Unrest of the 21st Century." Paper Presented at the annual meeting of the Southern Sociological Society, Chattanooga, TN, April 1-4.

Tierney, K. J. 1993. "Emergency Preparedness and Response: Lessons from the Loma Prieta Earthquake." Paper presented at Symposium on Practical Lessons from the Loma Prieta Earthquake, San Francisco, CA, March 22-24.

Tierney, K. J. 1993. "Socio-Economic Aspects of Hazard Mitigation." Paper presented at Research Seminar on Socio-Economic Aspects of Disaster in Central America, San Jose, Costa Rica, January 21-23.

Tierney, K. J. 1992. "Politics, Economics, and Hazards." Paper presented at the annual meeting of the Society for Applied Anthropology, Memphis, TN, March 25-29.

Tierney, K. J. 1991. "Emergency Medical Services in the Loma Prieta Earthquake. Panel presentation at the Annual Meeting of the American Public Health Association, Atlanta, GA, November 10-14.

Tierney, K. J. 1991. "Socioeconomic Impacts of Earthquakes on Small Business." Paper presented at Conference on Earthquake Recovery and Reconstruction, sponsored by Southern California Earthquake Preparedness Project, Pasadena, CA, May 31.

Tierney, K. J. 1991. "Emergency Medical Care Aspects of the Loma Prieta Earthquake." Paper presented at the International Symposium on Building Technology and Earthquake Hazard Mitigation, Kunming, Yunnan, People's Republic of China, March 25-29.

Tierney, K. J. 1990. "Economic Impacts of the Loma Prieta Earthquake." Paper presented at conference, Putting the Pieces Together: The Loma Prieta Earthquake One Year Later. San Francisco, CA, October 15-18.

Tierney, K. J. 1990. "Loss Estimation and Public Policy: Some Cautionary Words from a Social Science Perspective." Paper presented at the National Academy of Sciences/National Research Council Forum on the Economic Consequences of a Catastrophic Earthquake, Washington, DC, August 1 and 2.

Nigg, J. M. and K. J. Tierney. 1990. "Explaining Differential Outcomes in the Small Business Disaster Loan Application Process." Paper presented at the Twelfth World Congress of Sociology, Madrid, Spain, July 9-13.

Tierney, K. J. with R. C. Anderson. 1990. "Risk of Hazardous Materials Releases Following Earthquakes." Paper presented at the Port of Los Angeles Seismic Risk Workshop, Los Angeles, CA, March 21-23.

Tierney, K. J. 1990. "Household and Business Recovery From Disasters: Issues Related to Insurance and Disaster Assistance." Invited testimony before the U. S. House of Representatives Subcommittee on Policy Research and Insurance, Washington, DC, February 7.

Tierney, K. J. 1989. "Public Communications in the Disaster Context: Research Findings and Implications." Paper presented at the Yokohama International Conference on Urban Disaster Prevention, Yokohama, Japan, July 18-23.

Tierney, K. J. and R. T. Eguchi. 1989. "A Methodology for Estimating the Risk of Post-Earthquake Hazardous Materials Releases." Paper presented at the Hazardous Materials Management Conference and Exhibition, sponsored by the Association of Bay Area Governments, San Jose, CA, April 18-20.

Tierney, K. J. 1989. Presentation on issues related to disaster response in Seminar on Research in Socio-Economic Aspects of Disasters in Developing Countries in the Asian Pacific Region, Bangkok, Thailand, March 22-24.

Montgomery, K., K. J. Tierney, and O. Grusky. 1988. "Cohesiveness, Centrality, and Influence in Interorganizational Networks: A Comparison of Eight Community Support Sites." Paper presented at the Annual Meeting of the American Sociological Association, Atlanta, GA, August 23-27.

Grusky, O. and K. J. Tierney. 1988. "Evaluating the Effectiveness of Countrywide Mental Health Care Systems." Paper presented at the Annual Meeting of the American Sociological Association, Atlanta, GA, August 23-27.

Eguchi, R. T., K. J. Tierney, and R. Antonoplis. 1988. "An Assessment of the Risk of Toxic Chemical Release During Earthquake--The Impact on Surrounding Communities." Paper presented at the Ninth World Conference on Earthquake Engineering, Tokyo and Kyoto, Japan, August 2-9.

Tierney, K. J. 1988. "Societal Response and Emergency Management Aspects of the Whittier Narrows Earthquake." Paper presented at the Annual Meeting of the Earthquake Engineering Research Institute, Mesa, AZ, February 5 and 6.

Tierney, K. J. 1987. "Coalinga, 1983 and Whittier, 1987: A Comparison of Two Earthquakes." Seminar presentation at the National Center for Earthquake Engineering Research, State University of New York, Buffalo, NY, December 5.

Tierney, K. J. 1987. "Social Response to the Whittier Narrows Earthquake." Preliminary findings presented at Earthquake Engineering Research Institute Technical Briefings on the Whittier Narrows Earthquake, San Francisco, Washington, DC, and Pasadena, CA, November 6, 9, and 11.

Tierney, K. J. 1987. "The Whittier Narrows Earthquake: Lessons Learned." Invited testimony before the U. S. House of Representatives Subcommittee on Science, Research and Technology, Washington, DC, November 10.

Tierney, K. J. 1987. "Chemical Emergencies, Offsite Exposures, and Organizational Response." Paper presented at the Annual Meeting of the American Association for the Advancement of Science, Chicago, IL, February 15.

Grusky, O. and K. Tierney. 1986. "New Approaches to Developing Comprehensive Urban Care Systems for the Chronically Mentally Ill." Background paper prepared for the National Institute of Mental Health and the Robert Wood Johnson Foundation, Los Angeles, CA, Department of Sociology, University of California.

Tierney, K. J. 1984. "Post-Earthquake Investigations: The May 2, 1983 Coalinga, California Earthquake." Paper presented at the Annual Meeting of the Western States Seismic Policy Council, Sacramento, CA, October 17-19.

Grusky, O., K. Tierney, R. Manderscheid, and D. Grusky. 1984. "Social Bonding and Community Adjustment of Chronically Ill Adults." Paper presented at the Annual Meeting of the American Sociological Association, San Antonio, TX, August 26-31.

Tierney, K. J. 1984. "Social Aspects of the Coalinga (California) Earthquake." Paper presented at the Annual Meeting of the Earthquake Engineering Research Institute, Pasadena, CA, February 10-11.

Tierney, K. J. 1981. "Conditions for Successful Resource Mobilization by Social Movement Organizations." Paper presented at the Annual Meeting of the American Sociological Association, Toronto, Canada, August 24-28.

Tierney, K. J. and D. L. Corwin. 1981. "Exploring Intra-familial Child Sexual Abuse." Paper presented at the National Conference on Family Violence Research, University of New Hampshire, Durham, NH, July 21-24.

Tierney, K. J. 1980. "Community and Organizational Awareness of and Preparedness for Acute Chemical Emergencies." Paper presented at the National Invitational Conference on Chemical Emergencies, sponsored by the National Science Foundation and the Ohio State University Disaster Research Center, Columbus, OH, July 14-15.

Tierney, K. J. and V. A. Taylor. 1977. "Women in Field Research." Luncheon roundtable discussion at the Annual Meeting of the American Sociological Association, Chicago, IL, September 5-8.

Golec, J. A. and K. J. Tierney. 1976. "Evaluation Research: A Political Process." Paper presented at the Annual Meeting of the North Central Sociological Association, Louisville, KY, May 6-8.

## **SERVICE:**

### **I. Department, College, and University Service**

Department of Sociology

Graduate Committee, 2003-2004

Methods Comprehensive Exam Committee, 2004, 2005

Department Executive Committee, 2004-2010; 2012-2014

Chair, Environmental Sociology Search Committee, 2010

Chair, Promotion and Tenure Committee for Hillary Potter, 2011

Chair, Promotion and Tenure Committee for Jennifer Bair, 2012

Chair, Promotion Committee for Lori Hunter, 2013

Member, Graduate Committee, 2014-2015

Member, Future Hires Committee, 2014-2015

Co-chair, Graduate Committee, 2015-2016

College and University

University Research Cabinet, 2003-present

Arts and Science Personnel Committee, 2005-2008

Member, Implementation Committee for the CU Boulder School of Environment and Sustainability, 2014

### **II. Professional Service (since 2000)**

Member, steering committee for the Workshop on Preparing for High Consequence, Low Probability Events, organized by the University of Arizona.

Discussant, session on Hurricane Katrina Research, annual meeting of the American Sociological Association, Chicago, 2015.

Chair, U. S. Committee for Integrated Research on Disaster Risk (IRDR), under the sponsorship of ICSU and the UN International Strategy for Disaster Reduction, 2014-

Vice President, Earthquake Engineering Research Institute, 2014-2015

Member, National Academy of Sciences/National Research Council Committee to Advise the U. S. Global Change Research Program. 2011-2017

Co-editor, *Natural Hazards Review*, 2003-present

Review panel member, National Science Foundation, 2013 (32 proposals)

Co-leader, Hazards and Adaptation Work Group, NOAA Climate Indicators Project.

Member, project review panel, “Framework to Update the Plan to Co-ordinate NEHRP Post-earthquake Investigations,” 2013.

Member, board of directors, Earthquake Engineering Research Institute, 2012-2014

Presider, regular session on “Disasters: Civic Engagement Opportunities and Limitations,” annual meeting of the American Sociological Association, Denver, August 18, 2012.

Presider, special session “Sociology and Climate Change: Reports from the ASA Task Force on Sociology and Climate Change,” annual meeting of the American Sociological Association, Denver, August 18, 2012.

Member, steering committee and facilitator, NSF Workshop to Improve the RAPID grant process. Arlington, VA June 12 and 13, 2012.

Participant, NSF workshop on developing a resilience and vulnerability observational network, Arlington, VA June 1-2, 2011.

Invited keynote presentation, “Hazards and Disasters: Recent Lessons Learned,” launch event for the Women in Business Continuity Management Roundtable, Bill and Melinda Gates Foundation, Seattle, Sept. 20, 2011.

Contributed white paper “Risk Governance in a Non-Linear World,” co-authored with K. Miller, P. Romero-Lankao, and L. Bruja, for NSF 2011 report *Rebuilding the Mosaic: Fostering Research in the Social, Behavioral, and Economic Sciences at the National Science Foundation in the Next Decade*.

Review panel member, National Institute of Environmental Health Sciences proposals for a research network to study the health effects of the BP Deepwater Horizon oil spill, April 2011.

Reviewer, Japan Foundation Center for Global Partnership proposals on the March 2011 Japan earthquake, tsunami, and nuclear plant accident. Fall, 2011. (7 proposals)

Reviewer, National Science Foundation CAREER and other proposals. 2011. (4 proposals)

Participant and group leader, National Academy of Sciences/National Research Council workshop on “Grand Challenges in Earthquake Engineering Research,” Irvine, CA Mar. 14-16 2011. Also served as reviewer on workshop report, *Grand Challenges in Earthquake Engineering Research* (National Academies Press 2011).

Reviewer, National Academy of Sciences/National Research Council report, *Review of the Department of Homeland Security’s Approach to Risk Analysis* 2010.

Member, National Academy of Sciences/National Research Council study on “America’s Climate Choices,” Panel on Informing Effective Decisions and Actions Related to Climate Change. 2008-2010.

Member, National Academy of Sciences/National Research Council Committee on Private-Public Sector Collaboration to Enhance Community Disaster Resilience. 2009-2010.

Contributor to NSF report entitled “Workshop on Sociological Perspectives on Global Climate Change,” 2010.

Member, steering committee American Sociological Association Task Force on Global Climate Change. 2010- present.

Participant, National Science Foundation workshop to establish a research agenda for The 2010 Haiti and Chile earthquakes, Sept. 30, 2010.

Advisor to Beijing Normal University (China) centers and projects: Academy of Disaster Reduction and Emergency Management, Integrated Risk Governance Project, and related activities. (2008-present). Attended annual research workshops in 2008, 2010, 2011. Presented three lectures at BNU’s Institute for Advanced Studies on Disasters and Risk, August 2010. Institute participants were young professionals (graduate students, postdocs, and junior faculty) from regions around the world, including North America, Europe, and Asia. Negotiated research collaboration and exchange MOU between BNU and CU, fall 2010.

Moderator and discussant, special session on Climate Change and the Interdisciplinary Sociologist: Working Across Boundaries on the Human Dimensions of Global Environmental Change, annual meeting of the American Sociological Association, Atlanta, August 14-17.

Discussant, thematic session on climate change, annual meeting of the American Sociological Association. San Francisco, Aug. 11, 2009.

Organizer, one-day symposium on issues related to conceptualizing and measuring community disaster resilience. The symposium, which had 70 attendees, was held in Broomfield, CO on July 14, 2009.

Consultant to Kansai Electric Co, Osaka, Japan and participant in workshop on nuclear power plant safety, Mihama, Japan, June 29-30, 2009.

International faculty advisor, Hazard and Risk Science Base, Academy of Disaster Reduction and Emergency Management, Beijing Normal University, Beijing China. 2008-present.

Scientific advisory committee, “Climate Change, Humans, and Nature in the Global Environment (C-CHANGE). NSF IGERT grant. Joanne Nagel, University of

Kansas, Principal Investigator. 2009-present.

Member, Advisory Committee on Earthquake Hazard Reduction 2007-2008.

Member, National Academy of Sciences/National Research Council Panel on Methods and Strategies for Climate-Related Decision Support. Contributor to panel report *Informing Decisions in a Changing Climate*. 2007-2009.

Moderator, panel on community partnerships, annual “Disaster Resistant California” Conference, Sacramento, CA, May 17, 2005.

Guest lecture, environmental sociology seminar, Department of Sociology, University of Colorado at Boulder, April 4, 2005.

Guest lecture, “Disasters and Social Vulnerability: Insights from Theory and Research,” MIT School of Urban Planning, Boston, March 28, 2005.

Member, Committee on Disaster Research in Social Sciences, National Academies/National Research Council. Contributor to panel report *Facing Hazards and Disasters: Understanding Human Dimensions*. 2004-2006

Organizer, regular sessions on disasters, annual meeting of the American Sociological Association, 2004.

Member, National Construction Safety Team Advisory Committee, National Institute of Standards and Technology, 2003-2007.

Member, Leaders Working Group on Biodefense, Johns Hopkins Center for Civilian Biodefense Strategies, 2003-2004.

Member, Project Management Committee, National Study to Determine the Benefits of Mitigation, Federal Emergency Management Agency/National Institute of Building Sciences, 2002-2005.

Co-Organizer, session on Organizations and Technological Disasters, co-sponsored by the Section on Organizations, Occupations, and Work and the Section on Science, Knowledge, and Technology, for the 2000 Annual Meeting of the American Sociological Association, Washington, D. C.

Editorial Board, *Natural Hazards Review*, 1999-2003.

Manuscript and Proposal Reviewer:

*American Political Science Review*  
*American Sociological Review*  
*Pacific Sociological Review*  
*Sociological Quarterly*

*Journal of Contingencies and Crisis Management*  
*Earthquake Spectra*  
*Risk Analysis*

*Gender & Society*  
*American Journal of Sociology*  
*Social Psychology Quarterly*  
*Sociological Forum*  
*Sociological Inquiry*  
*Sociological Perspectives*  
*Social Problems*  
*Social Forces*  
*Symbolic Interaction*  
*Demography*

*Perspectives on Politics*  
Sage Publications  
Rutgers University Press  
Wadsworth Publishers  
U.S. Geological Survey  
National Science Foundation  
Alfred P. Sloan Foundation  
Japan Foundation, Center for  
Global Partnership

### III. Service to Community, Government, and Other Groups

Information dissemination through the media in 2013, selected examples: Comments following Typhoon Haiyan resulted in quotes in nearly 400 media articles.

Examples of article titles include “How Not to Help Haiyan’s Victims,” “How and Where

Should We Rebuild After Natural Disasters?” and “Experts: Man, Nature Share Typhoon Blame.” Interviewed and quoted extensively following the September 2013 Colorado floods, including interviews on Rocky Mountain PBS, NPR’s “Marketplace” program, and KGNU’s “How on Earth?” program and reports in the *Boulder Daily Camera* and in *Planning*, the magazine of the American Planning Association. Quoted in Los Angeles Times and UPI stories on recently-developed earthquake and tsunami scenarios for Southern California and Alaska. Featured in CU public communications on the need for thoughtful recovery following disasters, “Communities should pause before rebuilding,” November 8.

Information dissemination through the media 2012, selected examples: Article, “It’s Not Perfect, but It Works,” New York Times “Room for Debate—Do We Need FEMA?” October 30; on-screen panel, “Hablas Estorm? Bilingual Crisis Communication,” Huffpost Live, October 30; radio interviews, “To the Point” with Warren Olney, KCRW (public radio) Santa Monica, CA, October 31, and “Does America Still Need FEMA?”, Minnesota Public Radio, November 13; quoted source in “Hurricane Sandy Highlights Obama, Romney Policy,” Washington Post, October 30, “FEMA in Spotlight a Week Before the Election,” Wall Street Journal, October 31; Think Progress—Economy, “How Economic Inequality Makes Hurricanes More Deadly”; “Report: States Losing Ground in Emergency Preparedness,” USA Today, December 19.

Information dissemination through the media 2011: Interview, EarthSky, March 11, “Is it Possible to Predict Earthquakes?”; quoted in Associated Press articles “Quake is

5<sup>th</sup>

Biggest, But Japan Best Prepared,” March 12 and “Hurricane Irene: Experts Praise Decision to Evacuate,” Aug. 29; New Scientist, March 18, “After the Flood, Triage for Recovery; Reuters article “Japan’s Crisis Spurs Survival Plans by U. S. Mormons,” April 2; author, op-ed article, Hartford (CT) Courant, “Are Disaster Lessons Being Learned?” ; interview, CU Boulder Faculty and Staff Newsletter, “Five Questions for Kathleen Tierney,” April 6.

Information dissemination through the media 2010: commentary on disasters and disaster

loss reduction issues in 2010, including: two posts on CNN.com regarding the 2010 Haiti earthquake; interviews for NPR reports on research following the Haiti earthquake and on floods in China and Pakistan; interviews for Associated Press stories on the Haiti earthquake; interviews for Science Daily and syndicated program EarthSky; on-air television appearance on Denver public television station KBDI, on Haiti earthquake; two interviews on Boulder public radio station KGNU, on BP oil spill and the Fourmile Fire.

Emergency Management Web Forum, introducing edited book, *Emergency Management: Principles and Practice for Local Government* (with co-editor William Waugh),  
January 30, 2008.

Interview, syndicated radio program, the Kojo Nnamdi Show, WAMU, Washington, DC, on “DHS: Responding to Disaster.” August 14, 2006.

Extensive on-screen interviews for full-length documentary film entitled “The Water’s Edge,” produced in 2006 and aired on public television stations around the U. S.

Guest lecture, graduate seminar on environmental sociology, March 15, 2006.

“The Natural Hazards Research and Applications Information Center.” Presentation for Scripps Fellows in Environmental Journalism, CU Boulder, Feb. 9, 2006.

“The University of Colorado Natural Hazards Center,” invited presentation, Boulder Press Club, Jan. 18, 2006.

Feature interview in “Kiplinger’s Personal Finance,” August, 2005, focusing on hurricane preparedness.

Information dissemination in print and electronic media following Hurricane Katrina: used as source in approximately 100 interviews in prestige and specialized media: Washington Post, Los Angeles Times, Denver Post, Pittsburgh Post-Gazette, Boston Globe, AP, Newhouse News Services; on-screen interviews with DatelineNBC, NewsHour with Jim Lehrer, Denver public television talk-show telecast, Denver affiliate of Univision; radio interviews on NPR’s syndicated programs “Talk of the Nation: Science Friday” and “Here and Now.” Talk-show interview on Boulder Public radio station KGNU, participation in KGNU-sponsored “town meeting” on Katrina

*Pro bono* assistance to the U. S. Government Accountability Office (GAO) for GAO studies on Hurricane Katrina and on recovery from catastrophic disasters. 2005.

*Pro bono* assistance to Senate Homeland Security and Governmental Affairs Committee, *Congressional Report*, Department of Health and Human Services, Department of Transportation. 2005.

Public Lecture, “Natural Hazards Research and Applications Information Center” University of Colorado Museum, November 8, 2005.

Public lecture, “The Truth About Homeland Security,” CU Alumni Association “Newsworthy @ CU” series, University of Colorado, February 10, 2005.

Guest speaker, “The Current,” syndicated Canadian Broadcasting Company radio talk program, featuring discussion on the 2003 blackout, August 18, 2003.

Guest speaker, Talk of the Nation, National Public Radio nationally-syndicated talk show, featuring discussion on group responses under conditions of stress, July 31, 2002.

Advisor to Federal Emergency Management Agency and National Institute of Building Sciences on developing a framework for assessing the effectiveness of mitigation measures in reducing earthquake losses, 2001-2002.

Co-author, plan to coordinate post-earthquake investigations conducted under the National Earthquake Hazards Reduction Program (NEHRP) 2001-2002.

Participant, Invitational Workshop on NEHRP Post-Earthquake Investigations, March, 2001.

Advisor to Federal Emergency Management Agency on the expansion of the Project Impact initiative, 2000.

2/2016

