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**BIOGRAPHY**

Tricia Wachtendorf is a leader in disaster research and education. A Professor of Sociology and Criminal Justice at the University of Delaware with a joint appointment in the Joseph R. Biden, Jr. School of Public Policy and Administration, she directs the world-renowned Disaster Research Center – the oldest center in the world focused on the social science and management aspects of disasters. For nearly three decades, her research has focused on multi-organizational coordination before, during, and after disasters, transnational crises, and social vulnerability to disaster events. Dr. Wachtendorf has engaged in quick response fieldwork after such events as the 2001 World Trade Center attacks, the tsunamis affecting India, Sri Lanka (2004) and Japan (2011), Hurricanes Katrina (2005) and Sandy (2012), the earthquakes in China (2008) and Haiti (2010), as well as the 2020 Covid-19 pandemic. With numerous research grants from agencies such as the National Science Foundation, she has published widely on improvisation in disasters as well as disaster convergence. Her most recently funded research projects examine the temporal nature of household and emergency management decision-making during hurricane events, investigate humanitarian logistics during disaster response, explore stigma and role triage in the aftermath of public health emergencies and consider surprises that are catastrophic in their consequence. She is co-author of American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11.

**RESEARCH SPECIALIZATION**

Improvisation under crisis; Multi-organizational coordination and responses to disaster; Community-based approaches to disaster; Transnational disasters; Social vulnerability; Protective action; Qualitative research methods

**PROFESSIONAL APPOINTMENTS****Current Appointments: University of Delaware (UD)**

Director, Disaster Research Center, (2016-present)

Core Faculty, Disaster Research Center, (2004-present)

Professor, Sociology & Criminal Justice, (2017-present)

Joint Appointment Joseph R. Biden Jr. School of Public Policy and Administration, (2010-present)

**Past Appointments:**

Associate Professor, Sociology & Criminal Justice, UD (2010-2017)

Associate Director, Disaster Research Center, UD (2008-2016)

Assistant Professor, Sociology & Criminal Justice, UD (2004-2010)

Research Coordinator, Disaster Research Center, UD (2003-2004)

Field Director, Disaster Research Center, UD (2000-2003)

Research Assistant, Disaster Research Center, UD (1997-2000)

Teaching Assistant, Sociology and Criminal Justice, UD (1996-1997)

Community Outreach Worker, Mount Carmel Clinic, Winnipeg (1993-1996)

**EDUCATION**

Ph.D. in Sociology, University of Delaware (2004)

Dissertation: Improvising 9/11: Organizational Improvisation in the World Trade Center Disaster. Comprehensive Exams in Disaster, Risk, & Society and Gender & Society

M.A. in Sociology, University of Delaware (2000)

Thesis: A River Runs Through It: Cross Border Interaction During the 1997 Red River Flood.

B.A. in Psychology, University of Manitoba, Canada (1996)

**GRANTS AND CONTRACTS (FUNDED)**

Co-Principal Investigator

“Compounded Vulnerability: The Impact of Disasters on Community Supervision” Funded by Arnold Ventures Foundation (\$99,993) with F. Henry (PI), (02/01/2024-1/31/2026).

Principal Investigator

“Planning: CRISES: Interdisciplinary Center for the Study of Catastrophic Surprises” Funded by the National Science Foundation (\$99,986) with J. Kendra (Co-Pi), E. Stern, M. Older, J. Trivedi, V. Perez, J. Horney, S. Dong (Senior Personnel), (09/01/2023-08/31/2024).

Senior Personnel

“Large-scale CoPe: Coastal Hazards, Equity, Economic prosperity, and Resilience (CHEER)” Funded by the National Science Foundation (\$16,440,129) with R. Davidson (PI), L. Nozick, B. Colle, S. DeYoung, M. Millea (Co-PIs), (9/01/2022-01/20/2027).

Principal Investigator

“DRCit!” Funded by the Delaware Emergency Management Agency (\$46,835) with J. Trainor (Co-PI), (5/2021-01/20/2022). Contract No. SHS-21-002-COVID.

Co-Principal Investigator

“SCC-CIVIC-PG Track B: An Integrated Scenario-based Hurricane Evacuation Management Tool to Support Community Preparedness.” Funded by the National Science Foundation (\$50,000) with R. Davidson (PI), (1/15/2021-07/15/2021).

Co-Principal Investigator

“Collaborative Research: Leveraging Massive Smartphone Location Data to Improve Understanding and Prediction of Behavior in Hurricanes.” Funded by the National Science Foundation (\$537,974) with R. Davidson (PI), L. Nozick (PI), S. DeYoung and J. Trivedi (Co-PIs). (9/01/2020-8/31/2023).

**Co-Principal Investigator**

“EAGER: Risk Objects in Public Health Crisis: An Exploratory Investigation of Stigma, Role-Triage, and Cautionary Measures.” Funded by the National Science Foundation (\$72,730) with J. Kendra (PI) and S. Sisco (Co-PI). (10/01/2015 – 09/30/2019).

**Co-Principal Investigator**

“Workshop on Disaster Research: Taking Stock and Taking Action: Disaster Research and the Challenges Ahead; Newark, Delaware; May 1-2, 2014.” Funded by the National Science Foundation (\$75,000) with J. Kendra (PI), S. Knowles (Co-PI) (04/15/2014 – 04/14/2015).

**Co-Principal Investigator**

“Hazards SEES Type 2: Dynamic Integration of Natural, Human, and Infrastructure Systems for Hurricane Evacuation and Sheltering” Funded by the National Science Foundation (\$2,994,056) with R. Davidson (PI) R. Kolar, B. Blanton, L. Nozick, B. Colle, (Senior Personnel) (09/01/2013 – 08/31/2018).

**Principal Investigator,**

“The Layers of Disaster Recovery: Capturing Meaning through the Eyes of Survivors” Funded 06/01/2013-08-31/2014 by the University of Delaware Center for Global Studies, Global Scholars Award (\$9,250) ().

**Co-Principal Investigator,**

“Development of a Crisis Response Capacity for Long-Term Care Facilities during Natural and Man-Made Disasters in Delaware” Funded by the Delaware Department of Health and Human Services (\$145,889) with J. Kendra (PI) and B. Aguirre (Co-PI) (10/01/2011-09/30/2012)

**Principal Investigator,**

“Collaborative CDI-Type II: Cyber Enabled Discovery System for Advanced Multidisciplinary Study of Humanitarian Logistics for Disaster Response.” Funded by the National Science Foundation (\$1,775,002 to entire collaborative group) Jose Holguin Veras (PI), John Mitchell, Malik Magdon-Ismael, Sanmay Das (Co-PI) (01/01/2012-07/31/2017)

**Principal Investigator,**

“RAPID/Collaborative Research: Field Investigation on the Comparative Performance of Alternative Humanitarian Logistic Structures.” Funded by the National Science Foundation with Jose Hoguein Veras (PI) and Natasha Thomas (Consultant) (\$39,999 to entire collaborative group) (06/01/2010-05/31/2011)

**Co-Principal Investigator,**

“Research Experience for Undergraduates (REU) Supplement “DRU: Integrated Optimization of Evacuation and Mass Care Sheltering for Hurricanes” Funded by the National Science

Foundation (\$7500) with Rachel Davidson (PI) and Linda Nozick (Co-PI) (07/01/08/-08/31/2012).

Principal Investigator,

“Resiliency of Transportation Corridors during Disaster: An Examination of Cross-Border Networks.” Funded by the University of Delaware University Transportation Center (\$39,780) (09/01/09-08/31/10).

Co-Principal Investigator,

“DRU: Integrated Optimization of Evacuation and Mass Care Sheltering for Hurricanes” Funded by the National Science Foundation (\$749,999) with Rachel Davidson (PI) and Linda Nozick (Co-PI) (07/01/08/-2011).

Co-Principal Investigator,

“Infrastructure Security and Emergency Preparedness” Funded by the University of Delaware US Department of Transportation, Research and Innovative Technology Agency, Delaware Center for Transportation and Delaware Department of Transportation (\$111,215) with Sue McNeil (PI) Earl Lee, Rachel Davidson, and Joseph Trainor (Co-PI). (09/01/08-08/31/09).

Principal Investigator/Personnel

“Multi-Organizational Collaborative Improvisation.” (\$79,000 - PI), Center of Excellence for Natural Disasters, Coast Infrastructure and Emergency Management (\$15,000,000 - Personnel) Department of Homeland Security (07/01/08-06/30/14).

Principal Investigator,

“Resiliency of Transportation Corridors During Disaster.” Funded by the University of Delaware University Transportation Center (\$39,780) (02/01/08-01/31/09).

Principal Investigator,

“Research Experience for Undergraduates (REU) Supplement for Collaborative Research Proposal on Improvisation and Sensemaking in Sudden Crisis.” Funded by the National Science Foundation (\$6,000) (09/24/07-08/31/08).

Co-Principal Investigator,

“DRU: Contending with Materiel Convergence: Optimal Control, Coordination, and Delivery of Critical Supplies to the Site of Extreme Events.” Funded by the National Science Foundation (\$749,298) (01/01/07-12/31/09) with Jose Holguin-Veras (PI), and multiple Co-PIs from the University of Delaware, Rensselaer Polytechnic Institute, and University of Puerto Rico at Mayaguez.

Senior Personnel,

“Research Experience for Undergraduates.” Funded by the National Science Foundation, Department of Defense, and the University of Delaware (\$268,808 external; \$75,000

internal) 04/01/08 - 03/31/11; with Joanne Nigg (PI); Havidán Rodríguez (Co-PI); Benigno Aguirre (Senior Personnel).

Principal Investigator,

“Research Experience for Undergraduates Supplement Improvisation and Sensemaking in Sudden Crisis.” Funded by the University of Delaware Research Foundation (\$3,500 internal) 06/01/06-08/31/06.

Co-Principal Investigator,

“Small Grant for Exploratory Research: Characterization of the Supply Chains in the Aftermath of an Extreme Event: The Gulf Coast Experience.” Funded by the National Science Foundation (\$88,592) 01/01/06-12/21/06 with Jose Holguin-Veras (PI) and Satish Ukkusuri (Co-PI).

Principal Investigator,

“Research Experience for Undergraduates (REU) Supplement for Collaborative Research Proposal on Improvisation and Sensemaking in Sudden Crisis.” Funded by the National Science Foundation (\$6,000) 11/01/05-10/01/06.

Principal Investigator,

“Collaborative Research Proposal on Improvisation and Sensemaking in Sudden Crisis.” Funded by the National Science Foundation (\$180,522 to UD / \$381,734 total) 09/01/05-08/31/08; with James Kendra (PI) and Jasmin Ruback (Senior Personnel).

Principal Investigator,

“Improvisation and Sensemaking in Sudden Crisis.” Funded by the University of Delaware Research Foundation (\$25,000 internal) 06/01/05-05/31/06.

Senior Personnel,

“Research Experience for Undergraduates.” Funded by the National Science Foundation, Department of Defense, and the University of Delaware (\$217,000 external; \$90,000 internal) 06/01/05-05/31/08; with Havidán Rodríguez (PI); Joanne Nigg (Co-PI); Benigno Aguirre and Henry Fischer (Senior Personnel).

Co-Principal Investigator,

“A Conference Proposal on Disaster Research and the Social Sciences: Lessons Learned, Challenges, and Future Trajectories.” Funded by the National Science Foundation (\$56,406) 03/15/04 – 10/15/04; with Havidán Rodríguez (PI); Benigno Aguirre (Co-PI).

## **INDEPENDENT CONTRACTS**

Delaware HIV Consortium (2022). Needs Assessment.

Delaware HIV Consortium (2020). Community Impacts and Adaptions to COVID-19.

Ubisoft (2019). Participation in panel “Surviving a Mid-Crisis State” during a The Division 2 event in Washington, DC.

Ministry of the Interior, Government of Qatar (2015). Present overview of state of the knowledge on evacuation behavior during a workshop on civil defense.

GeoHazards International (2014). Developed a background paper on protective actions and human behavior during earthquake events, participate in consultation meetings and provide feedback on guidance documents.

Federal Emergency Management Agency Higher Education Division; and University of Maryland – Baltimore. (2008-2009). Develop sessions for course on Responses to Catastrophe. Sessions focus on logistics and emergent organizations & networks.

Office of the Surgeon General, Government of the United States; and Z-Tech Corporation (2003) Provide technical assistant to the Office of the Surgeon General and participating communities across the country on the implementation of the Medical Reserve Corps (MRC).

International Joint Commission, Governments of Canada and the United States (1999)  
Funded by the Red River Basin Task Force of the Canadian section of the International Joint Commission – a commission appointed by the Governments of Canada and the United States

## **PUBLICATIONS, PRELIMINARY PAPERS, AND PRESENTATIONS**

### **Books:**

Kendra, James, Scott G. Knowles, and Tricia Wachtendorf. 2019 Disaster Research and the Second Environmental Crisis: Assessing the Challenges Ahead. (Editors). Springer International Publishing.

Kendra, James and Tricia Wachtendorf. 2016. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Temple University Press: Philadelphia, PA.

### **Peer Reviewed Journal Articles:**

Henry, Felicia and Tricia Wachtendorf. 2023. “It’s just this lingering, hovering thing...” Professionals supporting individuals under community supervision during disasters. Social Sciences & Humanities Open, 8(1), p.100750

Trivedi, Jennifer and Tricia Wachtendorf. 2023. Evacuating Pets and People: Time, Decisions, and Resources. Practicing Anthropology. 45(4): 3-8.

Velásquez, Carolina and Tricia Wachtendorf. 2023. Desalination and the reproduction of water injustices in the San Andrés island water crisis. *Water Alternatives*. 16(2): 632-658

Holguín-Veras, José, Trilce Encarnación, Luk N. Van Wassenhove, Shaligram Pokharel, Víctor Cantillo, Johanna Amaya, Tricia Wachtendorf, and Juanita Rilling. 2022. Reducing material convergence in disaster environments: The potential of trusted change agents. *Transportation Research Part E: Logistics and Transportation Review* 162: 102736.

Yang, Kun, Rachel A. Davidson, Brian Blanton, Brian Colle, Randall Kolar, Linda K. Nozick, Tricia Wachtendorf, Nicholas Leonardo, Humberto Vergara, and Kendra Dresback. 2022. Evaluation of Hurricane Evacuation Order Plans: Hurricane Florence Case Study." *Natural Hazards Review* 23, no. 4: 05022010.

Nelan, Mary M., Samantha Penta, Tricia Wachtendorf, and José Holguín-Veras. 2022. The Point of No Return: Adaptation Strategies in Disaster Donation Supply Chains. *Natural Hazards Review*. 23(1).

Henry, Felicia A. and Tricia Wachtendorf. 2020. Compounded Social Vulnerability: Parole Supervision and Disasters, *Corrections*, DOI: [10.1080/23774657.2020.1862723](https://doi.org/10.1080/23774657.2020.1862723)

Mongold, Emily, Rachel A. Davidson, Jennifer Trivedi, Sarah DeYoung, Tricia Wachtendorf & Prosper Anyidoho 2020. Hurricane Evacuation Beliefs and Behaviour of Inland vs. Coastal Populations, *Environmental Hazards*, DOI: [10.1080/17477891.2020.1829531](https://doi.org/10.1080/17477891.2020.1829531)

Penta, Samantha, Tricia Wachtendorf, and Mary Nelan. 2020. Disaster Relief as Social Action. *Sociological Forum*. 35(1) March. 145-166.

Nelan, Mary M. Samantha Penta, and Tricia Wachtendorf. 2019. Paved with Good Intentions: A Social Construction Approach to Alignment in Disaster Donations. *International Journal of Mass Emergencies and Disasters*. 37(2) August. 174-196.

Yang, K., Davidson, Rachel A., Vergara, Humberto., Kolar, Randall L., Dresback, Kendra M., Colle, Brian, A., Blanton, Brian, Wachtendorf, Tricia, Trivedi, Jennifer, and Nozick, Linda K. 2019. Incorporating inland flooding into hurricane evacuation decision support modeling, *Natural Hazards*, [10.1007/s11069-019-03573-9](https://doi.org/10.1007/s11069-019-03573-9).

Yang, Kun., Davidson, Rachel A., Blanton, Brian, Colle, Brian, Dresback, Kendra, Kolar, Randall, Nozick, Linda K., Trivedi, Jennifer, and Wachtendorf, Tricia. 2019. Hurricane evacuations in the face of uncertainty: Use of integrated models to support robust, adaptive, and repeated decision-making. *International Journal of Disaster Risk Reduction*. 36(101093) May. [10.1016/j.ijdr.2019.101093](https://doi.org/10.1016/j.ijdr.2019.101093)

Davidson, Rachel A., Nozick, Linda K., Wachtendorf, Tricia, Blanton, Brian, Colle, Brian A., Kolar, Randall L., DeYoung, Sarah, Dresback, Kendra M., Yi, Wenqi, Yang, Kun, and Leonardo, Nicholas. 2018. An Integrated Scenario Ensemble-Based Framework for Hurricane Evacuation Modeling: Part 1—Decision support system, Risk Analysis.

Blanton, Brian, Dresback, Kendra M., Colle, Brian A., Kolar, Randall L., Vergara, Humberto, Yang, Hong, Leonardo, Nicolas, Davidson, Rachel A., Nozick, Linda K., Wachtendorf, Tricia, and Trivedi, Jennifer, 2018. An Integrated Scenario Ensemble-Based Framework for Hurricane Evacuation Modeling: Part 2—Hazard Modeling, Risk Analysis.

Nelan, Mary, Tricia Wachtendorf, and Samantha Penta. 2018. Agility in Disaster Relief: A Social Construction Approach. *Risk, Hazards & Crisis in Public Policy*. *Risk, Hazards & Crisis in Public Policy*. 9(2). 132-150.

Farmer, Ashley, Lee Zelewicz, Tricia Wachtendorf, and Sarah E. DeYoung. 2018. Scared of the Shelter from the Storm: Fear of Crime and Hurricane Shelter Decision Making. *Sociological Inquiry*. 88(2). 193-215.

Farmer, Ashely, Sarah DeYoung, and Tricia Wachtendorf. 2017. Pets and Evacuation: An Ongoing Challenge in Disasters, *Journal of Homeland Security and Emergency Management*. 13(4).

DeYoung, Sarah E., Tricia Wachtendorf, Ashley Farmer, and Samantha Penta. 2016. NOAA Radios and Neighbourhood Networks: Demographic Factors for Channel Preference for Hurricane Evacuation Information. *Journal of Contingencies and Crisis Management*. 24(4), 275–285.

Xu, Kecheng, Rachel Davidson, Linda Nozick, Tricia Wachtendorf, and Sarah DeYoung. 2016. Hurricane Evacuation Demand Models with a Focus on use for Prediction in Future Events. *Transportation Research Part A: Policy and Practice*

DeYoung, Sarah E., Tricia Wachtendorf, Rachel Davidson, Kecheug Xu, Linda Nozick, Ashleigh K. Farmer, and Lee Zelewitz. 2016. A Mixed Method Study of Hurricane Evacuation Thresholds: Demographic Predictors for Compliance to Following a Voluntary or Mandatory Order. *Environmental Hazards*.

Holguin-Veras, J., Jaller, M., Van Wassenhove, L. N., Perez, N., & Wachtendorf, T. 2014. Material Convergence: An important and understudied disaster phenomenon. *Natural Hazards Review*. 15(1) 1-12.

Holguin-Veras, Jose, Miguel Jaller, and Tricia Wachtendorf. 2013. Improving Post-Disaster Humanitarian Logistics: Three Key Lessons from Catastrophic Events. *TR-News* (July/Aug).



Wachtendorf, Tricia, Bethany Brown, Jose Holguin-Veras. 2013. Catastrophic Characteristics and their Impact on Critical Supply Chains: Problematizing Material Convergence and Management Following Hurricane Katrina, *Journal of Homeland Security and Emergency Management*, 10(2). 497-520.

Brittingham, Rochelle, and Tricia Wachtendorf. 2013. The Effect of Situated Access on People with Disabilities: An Examination of Sheltering and Temporary Housing after the 2011 Japan Earthquake and Tsunami, *Earthquake Spectra*, 29(S1)

Holguín-Veras, Jose., Miguel Jaller, Luk N. Van Wassenhove, Noel Pérez, Tricia Wachtendorf. 2012. On the Unique Features of Post-Disaster Humanitarian Logistics. *Journal of Operations Management*. 30(7-8). 494-506.

Holguin-Veras, Jose, Miguel Jaller, and Tricia Wachtendorf. 2012. Comparative Performance of Alternative Humanitarian Logistic Structures after the Port au Prince Earthquake. *Journal of Transportation Research Part A: Policy and Practice*.

Wachtendorf, Tricia, and James M. Kendra. 2012. Reproductive Improvisation and the Virtues of Sameness: The Art of Reestablishing New York City's Emergency Operations Center. *International Journal of Mass Emergencies and Disasters*, 30(3), 249-274. November.

Brown, Bethany L., Pamela J. Jenkins, Tricia Wachtendorf. 2010. Shelter in the Storm: A Battered Women's Shelter and Catastrophe, *International Journal of Mass Emergencies and Disasters*, 28(2), August. 226-245.

Wachtendorf, Tricia. 2009. Trans-System Social Ruptures: Exploring Issues of Vulnerability and Resiliency, *Review of Policy Research* 26(4) July. 379-393.

Wachtendorf, Tricia, Bethany Brown, and Marcia C. Nickle. 2008. Big Bird, Disaster Masters, and High School Students Taking Charge: The Social Capacities of Children in Disaster Education, *Children, Youth, and Environments* 18(1), 456-469.

Holguín-Veras, Jose, Noel Pérez, Satish Ukkusuri, Tricia Wachtendorf, and Bethany Brown. 2007. Emergency Logistics Issues Impacting the Response to Hurricane Katrina: A Synthesis and Preliminary Suggestions for Improvement, *Transportation Research Record* 2022, 76-82

Wachtendorf, Tricia, James M. Kendra, Havidan Rodriguez, and Joseph Trainor, 2006. The Social Impacts and Consequences of the December, 2004 Indian Ocean Tsunami: Observations from India and Sri Lanka, *Earthquake Spectra* 22 (3), 693- 714

Rodríguez Havidan, Tricia Wachtendorf, James Kendra, and Joseph Trainor, 2006. A Snapshot of the 2004 Indian Ocean Tsunami: Societal Impacts and Consequences, *Disaster Prevention and Management* 15(1), 163-177.

Kendra, James M., and Tricia Wachtendorf, 2003. Reconsidering Convergence and Converger Legitimacy in Response to the World Trade Center Disaster. *Terrorism and Disaster: New Threats, New Ideas* (ed. Lee Clarke). *Research in Social Problems and Public Policy* (11), 97-122.

Kendra, James M., and Tricia Wachtendorf, 2003. Creativity in Emergency Response after the World Trade Center Attack. *Beyond September 11<sup>th</sup>: An Account of Post-Disaster Research*. Special Publication #39 Natural Hazards Research and Applications Information Center, University of Colorado: Boulder, CO.

Kendra, James M., Tricia Wachtendorf, and E.L. Quarantelli, 2003. The Evacuation of Lower Manhattan by Water Transport on September 11: An Unplanned Success. *Joint Commission Journal on Quality and Safety* 29(6), 316-318.

Kendra, James M., and Tricia Wachtendorf, 2003. Elements of Community Resilience in the World Trade Center Attack. *Disasters*, 27 (1), 37-53.

Wachtendorf, Tricia, 2000. When Disasters Defy Borders: What We Can Learn From the Red River Flood About Transnational Disasters. *The Australian Journal of Emergency Management*, 15 (3), Spring.

**Book Chapters:**

Wachtendorf, Tricia 2022. Prologue: The Sociology of Disaster – A US Perspective on the Transformational Conceptualization Embedded in a Discipline. In *Defining Disaster: Disciplines and Domains*. (Eds. Marie Aronsson-Storrier and Rasmus Dahlberg). Edward Elgar Publishing. pp. 9-28.

Peek, Lori, Tricia Wachtendorf, and Michelle Annette Meyer. 2021 *Sociology of Disasters*. In *Handbook of Environmental Sociology*, (Eds. B. Schaefer Caniglia, A. Jorgenson, S.A. Malin, L. Peek, D.N. Pellow and X. Huang, X.), pp. 219-241. Springer, Cham.

Kendra, James, Scott G. Knowles, and Tricia Wachtendorf. 2019. Introduction: The New Environmental Crisis. In *Disaster Research and the Second Environmental Crisis: Assessing the Challenges Ahead*. (Eds. James Kendra, Scott G. Knowles, and Tricia Wachtendorf). Springer International Publishing. 1-18.

Wachtendorf, Tricia. 2019. A Case for the Grand Challenge of Disaster Science. In *Disaster Research and the Second Environmental Crisis: Assessing the Challenges Ahead*. (James Kendra, Scott G. Knowles, and Tricia Wachtendorf Editors). Springer International Publishing. 335-343.

Wachtendorf, Tricia, James Kendra, and Sarah E. DeYoung. 2018. Community Innovation and Disasters. *Handbook of Disaster Research*. (Eds. Havidan Rodriguez, Joseph Trainor, and William Donnor). *Handbook of Sociology and Social Research*. Springer, Cham. 387-410.

Wachtendorf, Tricia, Samantha Penta, and Mary Nelan. 2015. When Push Comes to Shove: The Framing of Need in Disaster Relief Efforts, Learning from Calamities – Interpretative Patterns and Practices of Communication on Disasters and Catastrophes. (Eds. Heike Egner, Marén Schorch and Martin Voss). Routledge, 235-252.

Holguin-Veras, Jose, Miguel Jaller, Felipe Aros-Vera, Johanna Amaya, Trilce Encarnacion, and Tricia. Wachtendorf. 2015. Disaster Response Logistics: Chief Findings of Fieldwork Research. Advances in Managing Humanitarian Operations (Ed.s Christopher W. Zobel, Nezh, Altay, and Mark P. Heselkorn). Springer: New York, NY. 33-58.

Holguin Veras, Jose, Tricia Wachtendorf, Miguel Jaller, and Theresa Jefferson 2013. Logistics and the Management of Critical Supplies Following Catastrophes, in Preparedness and Response for Catastrophic Disasters. (Ed Rick Bissell). CPC Press: Boca Raton, FL.

Wachtendorf, Tricia 2013. Emergent Organizations and Networks in Catastrophic Environments, in Preparedness and Response for Catastrophic Disasters. (Ed. Rick Bissell). CPC Press: Boca Raton, FL.

Wachtendorf, Tricia, Mary M. Nelan, and Lynn Blinn-Pike, 2013. Households and Families, in Social Vulnerability to Disasters, 2<sup>nd</sup> edition. (Eds. Deborah S.K. Thomas, Brenda D. Phillips, William E. Lovekamp, Alice Fothergill). CPC Press: Boca Raton, FL.

Wachtendorf, Tricia, and James M. Kendra. 2012. The Making of a Megacrisis: 9/11 as a Case for the Concept. Megacrisis (Eds. Uri Rosenthal, Brian Jacobs, Arjen Boin, and Louise K. Comfort). CC Thomas: Springfield, IL.

Wachtendorf, Tricia, James M. Kendra, and Brandi Lea 2010. Community Behavior and Response to Disaster, in International Disaster Nursing (Eds. Elaine Daily and Robert Powers). World Association of Disaster and Emergency Medicine and Cambridge Press.

Kendra, James M. and Tricia Wachtendorf, 2007. Improvisation, Creativity, and the Art of Emergency Management, Understanding and Responding to Terrorism (Eds. H. Durmaz, B. Sevinc, A.S. Yala and S. Ekici). IOS Press, NATO Security through Science Series E: Human and Societal Dynamics, Volume 19, 324-335.

Kendra, James M., and Tricia Wachtendorf, 2006. Community Innovation and Disasters. The Handbook on Disaster Research (Eds. Havidan Rodriguez, E.L. Quarantelli, and Russell R. Dynes). Springer: New York, NY.

**Other Published Material:**

DRCit!: Risk Communication: How to improve risk communication during a public health crisis? 2022. Educational package designed to inform the media and officials about state of scientific research on key questions. <https://www.drc.udel.edu/drc-it/>

DRCit!: Business Recovery: What Affects Post Disaster Business Recovery? 2020. Educational package designed to inform the media and officials about state of scientific research on key questions. <https://www.drc.udel.edu/drc-it/>

Cox, Zachary, James Kendra, Tricia Wachtendorf, and Valerie Marlowe. 2019. The Disaster Research Center at the University of Delaware. The World's First Center for the Social Scientific Study of Disaster. Delaware Journal of Public Health. 5(4), October. 44-48.

DRCit!: Hurricane Evacuation Decision Making: Why People Do or Do Not Evacuate During a Hurricane Response. 2019. Educational package designed to inform the media and officials about state of scientific research on key questions. <https://www.drc.udel.edu/drc-it/>

Wachtendorf, Tricia and James Kendra, 2018. Ballistic Missile Threat Inbound: When Human Error is Really (Still) a Systems Error Research Counts. Natural Hazards Center. March 21. Retrieved April 1, 2018 at <https://hazards.colorado.edu/news/research-counts/ballistic-missile-threat-inbound-when-human-error-is-really-still-a-systems-error>

Wachtendorf, Tricia, 2016. Louisiana's Cajun Navy shines light on growing value of boat rescuers. August 22. Accessed at <http://theconversation.com/louisianas-cajun-navy-shines-light-on-growing-value-of-boat-rescuers-64197>  
Accessed January 1, 2017. Revised in 2017 to reflect Cajun Navy's role during Hurricane Harvey

Wachtendorf, Tricia, 2016. Mars, Manhattan, and Lessons about Disasters. Natural Hazards Observer. April. Accessed at <https://hazards.colorado.edu/article/mars-manhattan-and-lessons-about-disasters> on August 1, 2016.

Wachtendorf, Tricia, 2010. Logistics, Catastrophic Readiness and Response, Rick Bissell (Ed), Higher Education Course Module. Federal Emergency Management Agency.

Wachtendorf, Tricia, 2010. Emergent Organizations and Networks, Catastrophic Readiness and Response, Rick Bissell (Ed), Higher Education Course Module. Federal Emergency Management Agency

Wenchuan Earthquake Reconnaissance Team, Earthquake Engineering Research Institute (EERI) and Geo-Engineering Earthquake Reconnaissance (GEER), 2008. Learning from Earthquakes: The Wenchuan, Sichuan Province, China, Earthquake of May 12, 2008, 2008. EERI Special Earthquake Report (October). Tricia Wachtendorf, Team Member

Wachtendorf, Tricia. 2007. Disaster Myths and Realities, Training program created for the Public Entity Risk Institute. <https://www.riskinstitute.org/peri/content/view/680/40/> Accessed May 1, 2009.

Kendra, James, and Tricia Wachtendorf, 2007. Emergence and Convergence in the Post-Disaster Environment: Recent Research Perspectives, Training program created for the Public Entity Risk Institute. <https://www.riskinstitute.org/peri/content/view/680/40/> Accessed May 1, 2009.

Wachtendorf, Tricia and James M. Kendra, 2007. Integrating Improvisation in Disaster Response: A Look at the World Trade Center Disaster, Training program created for the Public Entity Risk Institute. <https://www.riskinstitute.org/peri/content/view/680/40/> Accessed May 1, 2009.

Wachtendorf, Tricia and James M. Kendra, 2005. Improvising Disaster in the City of Jazz: Organizational Response to Hurricane Katrina, Understanding Katrina: Perspectives from the Social Sciences. Social Science Research Council. [http://understandingkatrina.ssrc.org/Wachtendorf\\_Kendra/](http://understandingkatrina.ssrc.org/Wachtendorf_Kendra/) Accessed October 15, 2005.

Wachtendorf, Tricia, 2005. Suggestions for Canadian Interorganizational Collaboration in Disaster Mitigation, Emergency Management Canada. Vol. 1, No. 2, Pp. 18, 20-22, 24-25

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, and James Kendra, 2005. The Great Sumatra Earthquake and Indian Ocean Tsunami of December 26, 2004, Earthquake Engineering Research Institute Newsletter, May (5).

Trainor, Joseph, Havidan Rodriguez, Tricia Wachtendorf, and James Kendra, 2005. More than a Wave: Exploring the Social Impacts of the Indian Ocean Tsunami. Natural Hazards Observer, May.

Rodriguez, Havidan, Tricia Wachtendorf, and Carla Russell, 2004. Disaster Research in the Social Sciences: Lessons Learned, Challenges, and Future Trajectories. International Journal of Mass Emergencies and Disasters. 22(2), 117-135.

Kendra, James. M, Tricia Wachtendorf, and E.L. Quarantelli, 2002. Who Was in Charge of the Massive Evacuation of Lower Manhattan by Water Transport on September 11? No One Was, Yet It Was an Extremely Successful Operation. Implications? Securitas, 1 (5), September / October.

Webb, Gary R., Tricia Wachtendorf, and Anne Eyre, 2000. Bringing Culture Back In: Exploring the Cultural Dimensions of Disaster. International Journal of Mass Emergencies and Disasters, 18 (1), March. Issue introduction.

**Journal Editor:**

Rodriguez, Havidan, and Tricia Wachtendorf, 2004. Special Issue: Disaster Vulnerability and Society: An International and Multi-Disciplinary Approach. Co-editors. International Journal of Sociology and Social Policy, 24(10/11).

Eyre, Anne, Tricia Wachtendorf, and Gary R. Webb, 2000. Special Issue: Popular Culture of Disasters. Co-editors. *International Journal of Mass Emergencies and Disasters*, 18 (1), March.

**Dissertation:**

Wachtendorf, Tricia, 2004. *Improvising 9/11: Organizational Improvisation in the World Trade Center Disaster*, Dissertation #35. Disaster Research Center: Newark, DE.

**Master's Thesis:**

Wachtendorf, Tricia, 1999. *A River Runs Through It: Cross Border Interaction During the 1997 Red River Flood*, Thesis #11. Disaster Research Center: Newark, DE.

**Technical Reports:**

Wachtendorf, Tricia and Sarah DeYoung. 2022. *Final Report: HIV Service Provider Perspective Survey, 2022. Case Managers*, Report to the Delaware HIV Consortium

Wachtendorf, Tricia and Sarah DeYoung. 2022. *Final Report: HIV Service Provider Perspective Survey, 2022. Prevention Specialists*. Report to the Delaware HIV Consortium.

Wachtendorf, Tricia, Christopher Tharp, and Nancy Rios-Contreras. 2021. *COVID-19: Impacts on Delawareans Living with HIV*. Technical Report. Disaster Research Center. March.

Wachtendorf, Tricia and Samantha Penta. 2014. *Protective Action in Immediate Fuse Events: A Consideration of the Literature* Technical Report. GeoHazards International

Kendra, James, Samantha Penta, Lauren Clay, James Goetschius, Jennifer Lazo, Eva Wilson, Austin Barlow, Benigno Aguirre, Tricia Wachtendorf. 2012. *Nursing Home and Assisted Living Communities: Challenges in Emergency Preparedness*. Report to the Delaware Department of Health and Social Services Division of Long Term Care Residents Protection. Disaster Research Center, September.

Rodriguez, Havidan, Joanne M. Nigg, and Tricia Wachtendorf, 2005. *Social Science Research: Priority Areas for the National Plan for Research and Development* has Miscellaneous Report #52. Disaster Research Center: Newark, DE.

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, James Kendra, and A. Subramanian, 2005. *The Indian Ocean Tsunami: Preliminary Field Report on India*. Disaster Research Center: Newark, DE.

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, James Kendra, and Ram Alagan, 2005. *The Indian Ocean Tsunami: Preliminary Field Report on Sri Lanka*. Disaster Research Center: Newark, DE.

Rodriguez, Havidan, Tricia Wachtendorf, Joseph Trainor, and James Kendra, 2005. Preliminary Findings from India and Sri Lanka. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, Rory Connell, Brian Monahan, and Kathleen J. Tierney, 2002. Disaster Resistant Communities Initiative: Assessment of the Non-Pilot Communities. Final Report #48. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, Rory Connell, and Kathleen J. Tierney with assistance from Kristy Kompanik, 2001. Disaster Resistant Communities Initiative: Assessment of the Pilot Phase—Year 3. Final Report # not yet listed. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, and Kathleen J. Tierney, 2001. Disaster Resistant Communities Initiative: Local Community Representatives Share Their Views: Year 3 Focus Group Final Report. Final Report #47. Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, 2000. Interaction Between Canadian and American Governmental and Non Governmental Organizations During the Red River Flood of 1997. Report Submitted to the International Joint Commission Ottawa/Washington, Disaster Research Center: Newark, DE.

Wachtendorf, Tricia, Jasmin K. Riad, and Kathleen J. Tierney, 2000. Disaster Resistant Communities Initiative: Focus Group Analysis. Final Report #43. Disaster Research Center: Newark, DE.

Nigg, Joanne M., Jasmin K. Riad, Tricia Wachtendorf, and Kathleen J. Tierney, 2000. Disaster Resistant Communities Initiative: Evaluation of the Pilot Phase Year 2, Final Report #41. Disaster Research Center: Newark, DE.

Nigg, Joanne, M., Jasmin K. Riad, Tricia Wachtendorf, Angela Tweedy, and Lisa Reshaur, 1998. Executive Summary: Disaster Resistant Communities Initiative: Evaluation of the Pilot Phase Year 1. Final Report #40. Disaster Research Center: Newark, DE.

**Presentations:**

Wachtendorf, Tricia and Birgitta Sticher. 2023. Blackout Activation. Presentation Future Forum: From Crisis to Resilience. German Center for Research and Innovation. New York, New York. October 20.

Wachtendorf, Tricia. 2023. Panel Presentation on Addressing Coastal Hazards, Equity, Economic Prosperity, and Resilience. Natural Hazards Research and Applications Workshop. Broomfield, CO. July 12.

Wachtendorf, Tricia and Nancy Contreras. 2023. COVID-19: Social Impacts on Delawareans with HIV. Presentation at the Research Committee on Disasters, International Sociological Association Word Forum. Melbourne, Australia. July 1.

Henry, Felicia and Tricia Wachtendorf. 2022. Under Control but Unprotected: The Disaster Experiences of Individuals Under Community Supervision. Presentation at the Northern European Emergencies and Disaster Studies Conference. Copenhagen, Denmark. November 3.

Wachtendorf, Tricia 2021. Invited Testimony Civil Rights Implications of Disaster Relief: Hurricane Harvey in Texas. U.S. Commission on Civil Rights. Virtual Briefing. <https://www.usccr.gov/meetings/2021/10-21-civil-rights-implications-disaster-relief-hurricane-harvey-texas>. October 21.

Wachtendorf, Tricia. 2020. Invited Virtual Panelist, Session on Governance and Transparency in Disaster Risk Reduction, 2020 Economic and Environmental Dimension Implementation Meeting, Sponsored by the Organization for Security and Co-operation in Europe. Vienna, Austria. Oct. 19

Wachtendorf, Tricia. 2020. Invited Panelist and Moderator. Approaches for Culturally Competent Community Engagement. Natural Hazards Research and Applications Workshop. Broomfield, CO (moved to virtual conference). July 14.

Wachtendorf, Tricia, Logan Gerber-Chavez, Karolina Flores, Shyaira Goodwyn-Dineen, Alice Johnson, Pryia Joshi, Abigail McFadden, Vincent Moore, Desiree Segovia, Jayde Shields, Natalie Walton and Kylie Wierzbicki. 2020. Covid-19: University Student Experience During a Global Pandemic. Poster Presentation. Natural Hazards Research and Applications Workshop. Broomfield, CO (moved to virtual conference). July 12-13.

Wachtendorf, Tricia, Samantha Penta, and Mary Nelan. 2019. Post-disaster materiel convergence: A social construction approach. Presented at the Sociological Association of Aotearoa New Zealand Conference, Auckland, NZ. December 4th.

Wachtendorf, Tricia. 2019. Invited Panelists. Leaders Roundtable: Transformation through Convergence. RISE 2019 Conference: Transforming University Engagement in Pre- and Post-Disaster Environments: Lessons from Puerto Rico. Albany, NY. November 19.

Wachtendorf, Tricia. 2019. Invited Panelists. University Partnership: R&D, Education & Engagement: Tapping the Potential of Universities to Develop the Next Generation of Disaster Professionals, Knowledge Creation, Campus Resilience Building and Community Service. RISE 2019 Conference: Transforming University Engagement in Pre- and Post-Disaster Environments: Lessons from Puerto Rico. Albany, NY. November 19.

Wachtendorf, Tricia. 2019. Improvising Disaster. Science Café. Newark, DE. October 15.



Wachtendorf, Tricia. 2019. Rising Waters: What Communities Need to Know. Invited Presentation at the Oxford Community Center, Oxford, MD. September 17.

Kendra, James and Tricia Wachtendorf. 2019. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Commander's Action Group Wayspoint Speaker Series Military Sealift Command, Naval Station, Norfolk, VA. September 11.

Reshaur, Lisa, Zachary Cox, and Wachtendorf, Tricia. 2019. A Class Based Examination of Collective Behavior During the 1992 Los Angeles Riot. Poster presentation at the Natural Hazards Research and Applications Workshop. Broomfield, CO. July 14-17.

Wachtendorf, Tricia. 2019. The Role and Needs of Academic Research in Disasters. Disaster Health State of Science Symposium. Washington, DC. April 25-26.

Wachtendorf, Tricia. 2019. Improvising Disaster. Delaware to the World. New York, NY. May 7.

Wachtendorf, Tricia. 2019. Disaster Planning for Near and Distant Future Events: Implications for Climate Change Adaptation. Presented at the 4<sup>th</sup> Northern European Conference on Emergency and Disaster Studies. Uppsala, Sweden. June 10-12.

Kendra, James and Tricia Wachtendorf. 2018. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Hudson River Maritime Museum. Kingston, NY. September 11

Wachtendorf, Tricia. 2018. Human and Social Dynamics of Evacuation. Invited Presentation. Workshop of the Ministry of Interior - General Directorate of Fire & Rescue Services. Lázně Bohdaneč, Czech Republic. September 18.

Kendra James and Tricia Wachtendorf. 2018. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Hudson River Maritime Museum. Kingston, NY. September 11

Kendra James and Tricia Wachtendorf. 2018. The 9/11 Water Evacuation of Manhattan. Dukes of Hazards: The Emergency Managers Podcast. Episode 31. September 9. Retrieved on October 1, 2019 at <https://www.podbean.com/media/share/dir-ts4b5-49bba76>

Wachtendorf, Tricia. 2018. Disaster Research: Methods, Innovations, and Challenges in the Field. Session organizer, Research Committee on Disasters, XIX International Sociological Association, Toronto, Canada. July 18.

Nelan, Mary, Tricia Wachtendorf and Samantha Penta. 2018. When Good Intentions Go Bad. A Social Construction Approach to Alignment in Disaster Donations. Research Committee on Disasters, XIX International Sociological Association. Toronto, Canada. July 17.

Trivedi, Jennifer, and Tricia Wachtendorf. 2018. Evacuating Pets and People: Time, Decisions, and Resources. Research Committee on Disasters, XIX International Sociological Association. Toronto, Canada. July 17

Wachtendorf, Tricia and Jennifer Trivedi. 2018. This is Not a Drill: Studying Responses to and Perceptions of Hawaii's False Missile Alarm on January 13, 2018. Poster presentation at the Natural Hazards Research and Applications Workshop. Broomfield, CO. July 8-10

Wachtendorf, Tricia. 2018. Invited panelists. Moonshots: Ideas to Change the World of Hazards and Disasters. Natural Hazards Research and Applications Workshop. Broomfield, CO. July 9

Wachtendorf, Tricia. 2018. Disaster Research: Grand Challenges Ahead. Invited Keynote. Northern European Emergencies and Disasters Symposium. Northern European Conference on Emergency and Disaster Studies. Amsterdam, The Netherlands. March 21.

Wachtendorf, Tricia. 2018. NEEDS Conversation: An Autobiography of Disaster Researchers. Invited panelist. Northern European Conference on Emergency and Disaster Studies. Amsterdam, The Netherlands. March 23.

Kendra James and Tricia Wachtendorf. 2018. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Drexel University. Philadelphia, PA. March 9.

Kendra James and Tricia Wachtendorf. 2018. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. The Mariners' Museum and Park, Newport News, VA. February 22.

Wachtendorf, Tricia. 2017. Improvising Disaster: The Boat Evacuation from Manhattan on September 11, 2001. Invited Keynote Presentation. International Symposium on Disaster Management in the Age of Innovation and Change, ISDM Guangzhou, China. December 2.

Wachtendorf, Tricia. 2017. How to Make Sense of Recovery. Invited Panelist at the World Bosia Forum, Lessons and experiences from the Great East Japan Earthquake – What should we learn and share from disasters? Sendai, Japan. November 26.

Kendra, James and Tricia Wachtendorf. 2017. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Presentation to the International Association of Emergency Managers Student Chapter, SUNY Albany. Albany, NY. November 17.

Wachtendorf, Tricia. 2017. Investigating Disaster Improvisation: The Power of Observation for Long Term Research and Understanding; Researching New York Conference, SUNY Albany. Albany, NY. November 16.

Wachtendorf, Tricia. 2017. Invited Panelist. The Legacy of Enrico L. (Henry) Quarantelli Broomfield, CO. Annual Natural Hazards Research and Applications Workshop. July 10.

Wachtendorf, Tricia. 2017. Invited Panelist. The International Conference on Urban Disaster Reduction. Annual Natural Hazards Research and Applications Workshop. Broomfield, CO. July 12.

Nelan, Mary, Tricia Wachtendorf, and Samantha Penta. 2017. The Social Construction of Donations: Agility, Adaptability, and Alignment as Success Determinants in Relief Supply Chains. Annual Natural Hazards Research and Applications Workshop. Broomfield, CO. July 10-11.

Wachtendorf, Tricia. 2017. Improvising Disaster. Resilient Calgary Symposium. Mount Royal University, Calgary, Canada. May 18.

Kendra, James and Tricia Wachtendorf. 2017. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Osher Center for Lifelong Learning. April 6.

Yang, Kun, Rachel A. Davidson, Linda K. Nozick, Tricia Wachtendorf, Brian Blanton, Brian Colle, Randall Kolar, Sarah DeYoung, Kendra Dresback, and Nicholas Leonardo. (2016). An Integrated Scenario-based Evacuation (ISE) Framework for Hurricane Evacuation Modeling. Society for Risk Analysis Annual Meeting. San Diego, CA. December.

Kendra, James and Tricia Wachtendorf. 2016. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. South Street Seaport Museum, New York City, NY. November 3.

Wachtendorf, Tricia. 2016. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Keynote speaker. 4<sup>th</sup> International Conference on Urban Disaster Reduction, Wellington, NZ. October 17.

Kendra, James and Tricia Wachtendorf. 2016. American Dunkirk: The Waterborne Evacuation of Manhattan on 9/11. Pier 25, LILAC, New York City, NY. September 8.

Wachtendorf, Tricia. 2016. The Layers of Disaster Recovery: Capturing Meaning through the Eyes of Survivors. Invited presentation at the symposium: Memory Survives: History, Psychology, and Disaster Recovery Drexel University, Philadelphia, PA. September 7.

Wachtendorf, Tricia. 2016. Inter-organizational Coordination during Disasters. Invited panelist at the Natural Hazards Workshop in Broomfield, CO. July 11.

DeYoung, Sarah E., Tricia Wachtendorf, Samantha Penta, Ashley Farmer. 2016. Hurricane Evacuation Behavioral Aspects: Findings from Two NSF Projects. Poster presentation at the Natural Hazards Workshop in Broomfield, CO. July 11.

Kendra, James., & Wachtendorf, Tricia. 2016. Disaster Research Center: 50 Years of History, Development, and Change. Delaware Emergency Management Agency Seminar. Delaware Emergency Management Agency: Smyrna, DE. June.

Wachtendorf, Tricia. 2016. Differential Experiences in Disasters: Too Little Time to Walk a Mile in Your Shoes. Invited presentation at the International Symposium on Critical Infrastructure, Mexico City, Mexico. June 2.

Wachtendorf, Tricia. 2015. Contending with Convergence: Social Science Findings on Disaster Donation Efforts. Keynote presentation at the IV Seminar on the Management of Natural Disasters, Santiago, Chile. November 11.

Wachtendorf, Tricia. 2015. Human and Social Dynamics of Emergency Evacuations. Invited presentation at the workshop on Crisis and Disaster Management, Doha, Qatar. November 27.

Penta, Samantha, Mary Nelan, and Tricia Wachtendorf. 2015. Why We Give: Reasons for Contributing to Disaster Relief. Paper presented at the Annual Meeting of the Society for the Study of Social Problems. Chicago, IL. August 20.

DeYoung, Sarah, Tricia Wachtendorf, Ashley Farmer, and Samantha Penta. 2015. NOAA Radios and Neighborhood Networks: An Analysis of Information Sources and Trust for Hurricane Evacuations. Paper presented at the Annual meeting of the American Sociological Association, Chicago, IL. August 23.

Wachtendorf, Tricia. 2015. Disaster Sociology and its Contributions Over the Past Four Decades Invited presentation at the Annual Workshop of the Natural Hazards Research and Applications Center. Broomfield, CO. July 20.

Wachtendorf, Tricia. 2015. Disaster Planning for Near and Distant Future Events: Implications for Climate Change Adaptation. Invited presentation at the International Meeting on Disaster Risk Management Against Climate Change, Caribbean Branch of the National University of Colombia, San Andres Island, Colombia. June 26.

Penta, Samantha, Mary Nelan, and Tricia Wachtendorf. 2015 The Thought that Counts: Motivations for Giving to Disaster Relief. Presentation at the Production and Operations Management Society Annual Conference. Washington, DC. May 10.

Wachtendorf, Tricia. 2014. The Art of Improvisation in Large Scale Disasters. Invited presentation at the 14<sup>th</sup> International Seminar on Disaster Prevention and Cooperation, Seoul, Korea. October 16.

Wachtendorf, Tricia and Yuki Namiki. 2014. Layers of Recovery. Intersecting Art, Photography, and Social Science Research to Explore Recovery in Fukushima, Japan. Presentation at the 3<sup>rd</sup> International Conference on Urban Disaster Reduction. Boulder, Colorado. September 29.

Nelan, Mary M., Samantha Penta, and Tricia Wachtendorf. 2014. No Time like the Present: Lessons Learned on the Timeliness of Disaster Donations. Paper presented to the Research Committee on Disasters meeting, XVIII International Sociological Association World Congress of Sociology, Yokohama, Japan. July 18.

Penta, Samantha, Mary M. Nelan, and Tricia Wachtendorf. 2014. "If You Have a Giving Heart": The Framing of Post-Disaster Need and Donations. Paper presented to the Research Committee on Disasters meeting, XVIII International Sociological Association World Congress of Sociology, Yokohama, Japan. July 18.

Wachtendorf, Tricia. 2014. Invited Panelist, History of Disaster Research, Workshop on Taking Stock and Taking Action: Disaster Research and the Challenges Ahead, Disaster Research Center, University of Delaware, Newark, DE. May 1.

Wachtendorf, Tricia. 2014. Cross-Border Resilience: Opportunities and Challenges. Invited presentation to the Making the RGV Resilient to Disasters symposium, University of Texas Pan American, Edinburg, TX. April 10.

Wachtendorf, Tricia. 2014. Organizations, Communication and Disasters, Invited presentation, Readiness and Resilience Academy Summit III, American Red Cross of Southeastern Pennsylvania, Kulpsville, Pennsylvania. April 1.

Wachtendorf, Tricia. 2013. Chronic Technical Disasters and Perspectives on Recovery for Fukushima Prefecture, Invited Keynote, Strengthening the Lives and Sustaining the Culture of the People of Tohoku: Tokyo International Symposium, Tokyo Kasei University, Tokyo, Japan. August 31.

Penta, Samantha, James Kendra, and Tricia Wachtendorf. 2013. The Value of Preparedness: Organizational Culture and Disaster Preparedness in Delaware Nursing Homes, Paper presented at the IRCD/Natural Hazards Center Researchers Meeting, Boulder, Colorado. July 17.

Wachtendorf, Tricia 2013. Moving on: The Challenge of Recovery in Catastrophic and Chronic Technological Disasters, Invited Keynote, Fukushima Disaster Workshop, Nihonmatus, Japan, May 26.

Wachtendorf, Tricia 2012. Situated Access: How Physical and Social Location Influence Post-Disaster Assistance. Invited Presentation, Kavli Frontiers of Science 13<sup>th</sup> Japanese-American Symposium, Japan Society for the Promotion of Science – U.S. National Academy of Sciences, Irvine, California, November 30.

Wachtendorf, Tricia 2012. "Focusing on capacity to counter vulnerability: gender, age, ability and disaster. Invited keynote presentation at the conference on Women and the Great East Japan Earthquake and Tsunami, Iwata University, Morioka Japan. August 20.

Zelewicz, Lee, Richard Stansfield, and Tricia Wachtendorf 2012. When There is Fear of the Shelter from the Storm: Gender, Fear of Crime, and Hurricane Shelter Decision Making. Presentation at the annual meeting of the International Research Committee on Disasters Researchers, Broomfield, CO. July 18.

Nelan, Maggie, Wachtendorf, Tricia 2012. Aging Populations and Anticipated Compliance with Hurricane Evacuation Warnings. Presentation at the annual meeting of the International Research Committee on Disasters Researchers, Broomfield, CO. July 18.

Brittingham, Rochelle, and Tricia Wachtendorf 2012. Hidden in the Numbers: Anticipated Disaster Shelter Use for People with Health and Access Concerns, Presentation at the annual meeting of the International Research Committee on Disasters Researchers, Broomfield, CO. July 18.

Wachtendorf, Tricia. 2012. "When Push Comes to Shove: The Framing of Need in Disaster Relief Efforts" Invited Presentation, Rensselaer Polytechnic Institute, Troy, NY. April 26.

Brittingham, Rochelle and Tricia Wachtendorf. 2012. How Disabilities are Framed in the United States: Implications for Providing Public Shelters during Times of Disaster. Presentation at the annual meeting of Southern Sociological Society, New Orleans, LA. March 24.

Penta, Samantha and Tricia Wachtendorf. 2012. What do I do when the storm comes in?: Information-seeking in hurricane evacuation and sheltering. Presentation at the annual meeting of the Eastern Sociological Society, New York, NY. February 25.

Wachtendorf, Tricia. 2011. Disaster Response and the Art of Improvisation: Development of an Approach for Exercise. Invited presentation at the inaugural workshop Communicating Disaster at the Center for Interdisciplinary Studies (ZIF) University of Bielefeld, Bielefeld, Germany. January 13.

Wachtendorf, Tricia. 2010. These are the People in your Neighborhood: Volunteers, Convergents, and Non-traditional Helpers in Disaster Response. Invited presentation at the opening conference of the Risk and Crisis Research Center, Ostersund, Sweden. November 11.

Waugh William and Tricia Wachtendorf. 2010. Collaborative Leadership and Improvisation Skills in Emergency Management. Presentation at the annual meeting of the International Association of Emergency Managers, San Antonio, TX. November 2.

Wachtendorf, Tricia. 2010. Getting Relief or Not: Disaster Humanitarian Assistance Efforts in Haiti, China and After the Indian Ocean Tsunami. Invited presentation to the University of Delaware Association of Retired Faculty, Newark, DE. October 3.

Wachtendorf, Tricia. 2010. Disaster Myths and Realities. Invited presentation to the Delaware Medical Reserve Corps, Newark, DE. September 20.

Wachtendorf, Tricia 2010. When Push Comes to Shove: The Framing of Need in Disaster Relief Efforts. Paper presented at the XVII World Congress of Sociology meeting of the International Sociological Association. Goteborg, Sweden. July 16.

Wachtendorf, Tricia and Rochelle Brittingham. 2010. Hurricane Preparedness and Strategy Feasibility. Paper presented at the International Research Committee on Disasters Workshop, Boulder, CO. July 14.

Wachtendorf, Tricia and Samantha Penta. 2010. Masculinity on the Hudson: Gendered Representations of the US Airways Flight 1549 Response. Paper presented at the International Research Committee on Disasters Workshop, Boulder, CO. July 14.

Wachtendorf, Tricia 2010. Disaster Response and the Art of Improvisation: Development of an Approach for Exercise. Invited presentation at the International Symposium: Imagining Futures in Crisis and Disaster Management, Goteborg, Sweden. July 8.

Wachtendorf, Tricia 2010. Uncharted Waters: Improvising the Boat Evacuation of Lower Manhattan on 9/11. Invited Presentation to CRISMART. Swedish Defence College, Stockholm, Sweden. June 29.

Wachtendorf, Tricia. 2010. Disaster Myths and Realities. Invited presentation to the Southeastern Pennsylvania Medical Reserve Corps Meeting. Chestnut Hill, PA. May 22.

Wachtendorf, Tricia. 2010. These are the People in your Neighborhood: Invited Presentation to the National Volunteers Active in Disasters Annual Meeting. Miami, FL. May 13.

Wachtendorf, Tricia. 2010. Resiliency of Transportation Corridors During Disasters. Poster presentation to the PI/PM Showcase, Department of Transportation, Dover, DE. May 5.

Wachtendorf, Tricia. 2010. Lost in Translation: Contending with the Myths and Realities of Disaster Response. Invited presentation to the Eastern Montgomery County Emergency Management Group's bi-annual disaster training symposium, EDITS 2010. Lafayette Hill, PA. April 21.

Wachtendorf, Tricia. 2010. Disaster Myths and Realities. Invited presentation to the Church World Service Forum on Domestic Disaster Ministry, New Windsor MD. April 19.

Wachtendorf, Tricia. 2010. Lost in Translation: Contending with the Myths and Realities of Disaster Response. Invited presentation to the ACELA Regional Volunteers Active in Disasters. Baltimore, MD. April 9.

Wachtendorf, Tricia and Samantha Penta. 2010. Masculinity on the Hudson: Gendered Representations of the US Airways Flight 1549 Response. Paper presented at the annual meeting of the Eastern Sociological Society, Boston, MA. March 20

Wachtendorf, Tricia. 2009. Disaster Myths and Realities. Invited presentation to the Maryland Volunteers Active in Disasters. Columbia, MD. September 11.

Barsky, Lauren and Tricia Wachtendorf. 2009. Who is Responsible for At-Risk Populations? The Role of Media in Shaping Perceptions of Responsibility. Paper presented at the Annual Meeting of the American Sociological Society. August 11.

Wachtendorf, Tricia, and James M. Kendra. 2009. Diffuse Sensemaking in Large-Scale Crisis Environments. International Research Committee on Disasters Workshop, Boulder, CO. July 19.

Wachtendorf, Tricia. 2009. Are Catastrophes Different? Invited Presentation for a Panel on Catastrophic Events: More than Just Big Disasters? at the Annual Hazards Research and Applications Workshop Boulder, CO. July 17.

Wachtendorf, Tricia, and James M. Kendra. 2009 The Making of a Megacrisis: 9/11 as a Case for the Concept. Paper presented at the Conference on Mega Crisis, The Hague, Netherlands. June 18.

Wachtendorf, Tricia. 2009. Disaster Myths and Realities. Invited Presentation to the National Volunteers Active in Disasters Annual Meeting. Salt Lake City, Utah. May 20-12.

Wachtendorf, Tricia. 2009. What is Community Resilience? Invited Presentation to the United States Northern Command and the Center for Disaster and Humanitarian Assistance Medicine's workshop on Building Community Resilience and a Culture of Preparedness. Colorado Springs, Colorado. March 11.

Barsky, Lauren, and Tricia Wachtendorf. 2009. Examining Perceptions of Individual Verses Collective Responsibility in the Aftermath of Routine Periods and Extreme Events. Paper presented at the annual meeting of the Eastern Sociological Society. Baltimore, Maryland. March 21.

Wachtendorf, Tricia, Bethany Brown, Jose Holguin-Veras, and Satish Ukkusuri, 2008. Network Visibility in Emergency Supply Chain Management. Paper presented at the workshop on Improving Disaster Supply Chain Management: Key supply chain factors for humanitarian relief sponsored by the Stephenson Disaster Management Institute, Baton Rouge, Louisiana. November 18.

Holguin-Veras, Jose, Miguel Jaller, Satish Ukkusuri, M. Bromm, C. Torres, Tricia Wachtendorf, Bethany Brown . 2008. An Analysis of the Temporal Distributions of Requests for Critical Supplies after Hurricane Katrina. Presented at the XV Pan-American Conference of Traffic and Transportation Engineering (PANAM XV). Cartagena, Colombia. September 14-17.

Holguin-Veras, Jose, Satish Ukkusuri, Tricia Wachtendorf. 2008. Contending with Materiel Convergence: Optimal Control, Coordination, and Delivery of Critical Supplies to the Site of Extreme Events. Poster Presented at the National Science Foundation's Human and Social Dynamics Principal Investigators Meeting. Washington, DC. September 14-15.



Wachtendorf, Tricia. 2008. Disaster Vulnerability Captured on Film: The Benefits and Pitfalls of Student Documentary Projects in Exploring National and Cross-National Hegemonies. Presented at the annual meeting of the National Women Studies Association. Cincinnati, Ohio. June 20.

Wachtendorf, Tricia. 2008. Improvising Disaster: The Waterborne Evacuation of Lower Manhattan. Presented at the Department of Sociology Spring Colloquium Series. Rutgers University: New Brunswick, NJ. April 23.

Wachtendorf, Tricia. 2008. Resiliency of Transnational Systems to Extreme Events. Paper presented at the workshop Surviving Future Disasters, sponsored by the Swedish National Defence College and the Stephenson Disaster Management Institute, Louisiana State University: Baton Rouge, Louisiana. April 8.

Kendra, James, Brandi Lea, and Tricia Wachtendorf. 2008. Coordination and Partnerships in the Waterborne Evacuation of Manhattan on September 11, 2001. Presented at the annual meeting of the Association of American Geographers. Boston, Massachusetts. April.

Holguin-Veras, Jose, Miguil Jaller, Satish Ukkusuri, M. Bromm, C. Torres, Tricia Wachtendorf, Bethany. Brown. 2008. An Analysis of the Temporal Distributions of Requests for Critical Supplies after Hurricane Katrina. Presentation at the Annual Meeting of the Transportation Research Board, Washington, DC. January 22.

Lea, Brandi, James Kendra, and Tricia Wachtendorf, 2007. Coordinating Spontaneous Resources: The Waterborne Evacuation of Lower Manhattan on 9/11. Presented at the annual conference of the International Association of Emergency Managers. Reno, Nevada. November.

Wachtendorf, Tricia and James M. Kendra 2007. The Waterborne Evacuation of Lower Manhattan on September 11: A Case of Distributed Sensemaking? Presented at the International Research Committee on Disasters Meeting at the Annual Meeting of the American Sociological Association, New York City, NY. August 13.

Wachtendorf, Tricia and Nicholas J. Madonia, 2007. A Tale of Two Cities: Personal Disaster Convergence in Washington and New York City, Paper Presented to the Annual Meeting of the Society for the Study of Social Problems, New York City, NY. August 12.

Wachtendorf, Tricia. 2007. Considering the Role of Improvisation in Disaster Response, Invited Presentation for a Panel on Improvisation in Disaster Response at the Annual Hazards Research and Applications Workshop Boulder, CO. July 10.

Lea, Brandi, James Kendra, and Tricia Wachtendorf. 2007. Uncharted Waters: The Waterborne Evacuation of Lower Manhattan on September 11th. Presented at the 10th Annual Emergency Management Higher Education Conference, Federal Emergency Management Agency, Emmitsburg, Maryland, June.

Kendra, James and Tricia Wachtendorf, 2007. Geographic Aspects of Sensemaking: The Waterborne Evacuation of Lower Manhattan on September 11, 2001. Presentation at the Annual Meeting of the Association of American Geographers, San Francisco, California, April.

Wachtendorf, Tricia, Bethany Brown, Jose Holguin-Veras, Satish Ukkusuri, and Noel Perez, 2006. Communicating Convergence: Contending with Supplies Following Hurricane Katrina. Presentation at the Katrina Research Symposium: Social Science Research of the Katrina Aftermath, New Orleans, LA, November 3.

Holguin-Veras, Jose, Noel Perez, Satish Ukkusuri, Tricia Wachtendorf, and Bethany Brown, 2006. Characterization of the Supply Chains in the Aftermath of Katrina: Logistical Issues and Lessons From and Integrated Social Sciences-Engineering Perspective. Presentation at the Katrina Research Symposium: Social Science Research of the Katrina Aftermath, New Orleans, LA., November 3.

Holguin-Veras, Jose, Noel Perez, Satish Ukkusuri, Tricia Wachtendorf, and Bethany Brown, 2006. Characterization of the Supply Chains in the Aftermath of Katrina: Logistical Issues and Lessons From and Integrated Social Sciences-Engineering Perspective. Poster Presentation at the National Science Foundation's Human and Social Dynamics Principal Investigators Meeting, Washington, DC, September 14-15.

Kendra James M. and Tricia Wachtendorf, 2006. Improvisation and the Art of Emergency Management. Paper presented at the NATO Advanced Research Workshop on Understanding and Responding to Terrorism: A Multi-Dimensional Approach. Sponsored by NATO and the Turkish National Police/ Turkish Institute for Police Studies at the University of North Texas, Washington, DC, September 8-9.

Wachtendorf, Tricia, 2006. Exploring Social Vulnerability in Hurricane Katrina. Presentation to the University of Delaware's Research on Race, Ethnicity and Culture Lecture Series. Newark, DE, April 12.

Rodriguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. A Snapshot of the 2004 Indian Ocean Tsunami: Societal Impacts and Consequences." Presentation at the 1st Annual Symposium for Coastal and Marine Applied Research, University of Puerto Rico Sea Grant College Program, Mayagüez, Puerto Rico, September 2.

Wachtendorf, Tricia, and James M. Kendra, 2005. A Typology of Organizational Improvisation in Disasters. Paper Presented to the Annual Meeting of the American Sociological Association, Philadelphia, PA, August 14.

Trainor, Joseph, Havidan Rodriguez, Tricia Wachtendorf, and James Kendra. 2005. After the Wave: Preliminary Social Science Insights from India and Sri Lanka, Presentation to the Annual Meeting of the American Sociological Association, Philadelphia, PA. August 13.

Wachtendorf, Tricia and James M. Kendra, 2005. Invited Panelist for Improvised Thought, Action and Structure in Emergency Response Improvised Structure, Role and Process at the Annual Hazards Research and Applications Workshop Boulder, CO. July 13.

Kendra, James M., Tricia Wachtendorf, Joseph Trainor, and Havidán Rodríguez, 2005. Boats, Nets, and Motors: Recovery Issues after the 2004 Indian Ocean Tsunami. Invited Presentation at the Annual Hazards Research and Applications Workshop Boulder, CO. July 12.

Wachtendorf, Tricia, James M. Kendra, Havidan Rodriguez, and Joseph Trainor, 2005. Invited Panelist for Gender Issues in Disasters at the Annual Hazards Research and Applications Workshop Boulder, CO. July 12.

Wachtendorf, Tricia, Havidan Rodriguez, James M. Kendra, and Joseph Trainor, 2005. Social Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited Presentation to the National Academies of Science, Washington, DC, June, 21.

Rodriguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. The Indian Ocean Tsunami: A Preliminary Assessment of Societal Impacts and Consequences. Paper presented at the FEMA Emergency Management Higher Education Conference, Emmitsburg, Maryland, June 7-9.

Trainor, Joseph, Havidan Rodriguez, Tricia Wachtendorf, and James M. Kendra. 2005. More than a Wave: Selected Social Science Insights from the December 26<sup>th</sup> Indian Ocean Tsunami. Invited Presentation to the Symposium on Emergency Management and Disaster Abatement, Arnhem, The Netherlands, May 25.

Rodríguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. Societal Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Presentation to the EERI Technical Briefing: The Great Sumatra Earthquake and Tsunami of December 26, 2004, Marvin Center, George Washington University, Washington, DC, May 23

Rodríguez, Havidan, Tricia Wachtendorf, James M. Kendra, and Joseph T. Trainor, 2005. Socio-economic Impact and Consequences of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited Presentation at the National Disaster Medical Systems Conference, Orlando, FL. May 4.

Wachtendorf, Tricia, 2005. Partnering to Foster Disaster Resistant Communities. Invited Presentation to the Disaster Resistant California Conference, Sacramento, CA, May 17.

Wachtendorf, Tricia, Havidan Rodriguez, James M. Kendra, and Joseph Trainor, 2005. Social Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited Presentation to the Understanding Tsunamis 2005 – Online Teacher Workshop, College of Exploration and National Science Foundation, May 6-11.

Wachtendorf, Tricia, Havidan Rodriguez, James M. Kendra, and Joseph Trainor, 2005. Social Impacts and Consequences of the Indian Ocean Tsunami: Preliminary Observations from India and Sri Lanka. Invited Presentation at the National Disaster Medical Systems Conference, Orlando, FL. May 3.

Wachtendorf, Tricia, Havidan Rodriguez, Joseph Trainor, and James M. Kendra 2005. Social Impacts of the Indian Ocean Tsunami: Preliminary Findings from India and Sri Lanka. Invited Presentation to the Mid American Earthquake Center, University of Illinois, Urbana-Champaign, IL. April 21.

Kendra, James M. and Tricia Wachtendorf. 2005. Storming the Barricades: Post-disaster Convergence as Locational Conflict. Paper Presented to the Annual Meeting of the American Association of Geographers, Denver, CO, April.

Kendra, James M., Havidán Rodríguez, Tricia Wachtendorf, and Joseph Trainor, 2005. Social Science Implications of the Indian Ocean Tsunami. Invited Presentation to the Earthquake Engineering Research Institute. Seattle, Washington. March 21 .

Wachtendorf, Tricia, 2005. Cross-Border Disaster Response and Planning: A Look at Canada and the U.S. Invited Presentation at the Crossing Workshop on Cross-Border Security Cooperation, Wayne State University, Detroit, MI, March 14.

Wachtendorf, Tricia and James M. Kendra, 2005. Fostering Resilience by Bolstering Improvisation Capacity: Findings from the World Trade Center Disaster. Invited Presentation at the International Workshop on Resilience, University of Kent, Canterbury, UK. February 25.

Wachtendorf, Tricia and James M. Kendra. 2004. Considering Convergence, Coordination, and Social Capital in Disasters. Paper presented to the 1<sup>st</sup> Annual Canadian Research on Hazards Network Symposium. Winnipeg, Manitoba, Canada. November 19.

Wachtendorf, Tricia, 2004. The Sociology of Disaster, Invited Lecture, The Communications Department, University of the West Indies, Teleconference, March 23.

Wachtendorf, Tricia, and James M. Kendra, 2004. Integrating Improvisation in Disaster Response Planning. Invited Presentation at the European Crisis Management Academy International Conference, Poljce, Slovenia, March 12.

Kendra, James M., and Tricia Wachtendorf, 2004. Creativity and Coordination in Disaster Response. Invited Paper Presented at the 4th Workshop for Comparative Study on Urban Earthquake Disaster Management, Kobe, Japan, January.

Wachtendorf, Tricia, 2003. Inter-organizational Response to the World Trade Center Attack: Lessons Learned. Presentation at the Annual World Conference On Disaster Management, Toronto, Canada, June 23.

Kendra, James M., and Tricia Wachtendorf, 2002. Rebel Food...Renegade Supplies: Convergence after the World Trade Center Attack. Paper Presented at the Annual Meeting of the American Sociological Association, Chicago, IL, Aug 17.

Wachtendorf, Tricia, and James M. Kendra, 2002. Rising from the Ashes: Organizational Adaptation Following the September 11<sup>th</sup>, 2001 World Trade Center Attack. Paper Presented at the International Research Committee on Disasters Meeting at the Meeting of the International Sociological Association's World Congress of Sociology, Brisbane, Australia, July 11.

Wachtendorf, Tricia, 2002. Emergency Management in a Changing World: Lessons Learned from the 9/11 World Trade Center Disaster. Invited Presentation for the Social Perspectives on Disaster Workshop Sponsored by Emergency Management Australia, Mt. Macedon, Australia, July 2.

Kendra, James M., and Tricia Wachtendorf, 2002. Creativity in Emergency Response after the World Trade Center Attack. Paper Presented at the Annual Meeting of the International Emergency Management Society, Waterloo, Canada, May 14.

Wachtendorf, Tricia, 2002. Building Capacities and Confronting Constraints in Community-Based Disaster Mitigation. Paper Presented at the Annual Meeting of the Southwestern Social Science Association, New Orleans, LA, March 29.

Wachtendorf, Tricia, 2002. A Changing Risk Environment: Lessons Learned from the 9/11 World Trade Center Attack. Invited Presentation for the Manitoba Disaster Management Conference, Special Session Sponsored by the Canadian Emergency Preparedness Association, Winnipeg, Canada, March 6.

Wachtendorf, Tricia, and Xuewen Sheng, 2002. Influences of Social Demographic Factors and Past Earthquake Experience on Earthquake Risk Perception. Invited Paper Presented for the Annual Workshop for the Comparative Study on Urban Earthquake Disaster Management Sponsored by Kyoto University and Tokyo University, Kobe, Japan, Feb. 15.

Wachtendorf, Tricia, 2002. The Future of Disaster Research: An American Perspective. Invited Panelist for the Panel on Young Scholars in the Field of Disaster Research, Annual Workshop for the Comparative Study on Urban Earthquake Disaster Management Sponsored by Kyoto University and Tokyo University, Kobe, Japan, Feb. 15.

Tierney, Kathleen, J., Benigno Aguirre, James M. Kendra, and Tricia Wachtendorf, 2001. Organizational and Community Resilience in the World Trade Center Disaster. Invited Presentation at the Learning from Urban Disasters: National Science Foundation Response and Opportunities for Future Research Workshop Sponsored by the National Science Foundation and the Institute for Civil Infrastructure Systems, New York City, NY, December 12.

Kendra, James M., and Tricia Wachtendorf, 2001. Response and Resilience in the World Trade Center Attack. Invited Presentation at the Department of Geography Colloquium, Rutgers University, New Brunswick, NJ, December 7.

Kendra, James M., and Tricia Wachtendorf, 2001. Elements of Community Resilience in the World Trade Center Attack. Paper Presented at the Annual Meeting of the Regional Science Association International, Charleston, SC, November 17.

Wachtendorf, Tricia, 2001. The Implementation of Community-Based Disaster Mitigation Initiatives: Findings From an Ongoing Assessment. Invited Presentation at the Annual Hazards Research and Applications Workshop, Boulder CO, July 17.

Wachtendorf, Tricia, 2001. Building Community Partnerships Toward a National Mitigation Effort: Inter-Organizational Collaboration in the Project Impact Initiative. Invited Paper Presented at the Annual Workshop for the Comparative Study on Urban Earthquake Disaster Management, Kobe, Japan, January 18.

Wachtendorf, Tricia, and Kristy Kompanik, 2000. An Ongoing Assessment of the Project Impact Implementation Process: Recommendations and Lessons Learned. Poster Presented at the Annual Project Impact Summit, Washington, DC, November 13.

Wachtendorf, Tricia, 2000. What is a Disaster? Exploring the Question Using Multiple Feminist Frameworks. Paper Presented at the International Research Committee on Disasters Meeting at the Annual Meeting of the American Sociological Association, Washington, DC, August 13.

Wachtendorf, Tricia, 2000. Addressing Standardization Issues in Transnational Disasters. Paper Presented at the Southern Sociological Society Annual Meeting, New Orleans, LA, April 20.

Webb, Gary, and Tricia Wachtendorf, 2000. Sociological Themes in the Popular Culture of Disaster. Paper Presented at the Joint Annual Meetings of the Popular Culture Association and the American Culture Association, New Orleans, LA, April 20.

Wachtendorf, Tricia, 1999. Cross-Border Issues in Disaster Response, Invited Online Presentation, Red River Basin Disaster Information Network Virtual Workshop, <http://www.emforum.org/redriver/> August 26.

Wachtendorf, Tricia, 1999. Exploring the Popular Culture of Disaster. Invited Panelist for the Popular Culture of Disasters Panel International Research Committee on Disasters Panel Meeting at the Annual Meeting of the American Sociological Association, Chicago, IL, August 8.

Wachtendorf, Tricia, 1999. Transnational Disasters: A Look at the 1997 Red River Flood. Annual Hazards Research and Applications Workshop, Boulder, CO, July 14.

Wachtendorf, Tricia, 1999. Defending Property, Defending Identity From Disaster: Arendt, Goffman, and the Symbolic Meaning of Property. Paper Presented at the Annual Meeting of the Eastern Sociological Society, Boston, MA, March 7.

Wachtendorf, Tricia, 1999. Lessons Learned From The Popular Culture Of Disaster. Invited Online Presentation for the Emergency Information Infrastructure Partnership Virtual Forum Roundtable <http://www.emforum.org>, February 23.

Wachtendorf, Tricia, 1998. A River Runs Through It: Cross Border Interaction During the 1997 Red River Flood. Paper Presented at the International Research Committee on Disasters Meeting at the Meeting of the International Sociological Association's World Congress of Sociology Montreal, PQ, July 27.

Riad, Jasmin, K. and Tricia Wachtendorf, 1998. Project Impact: Evaluation Methodology. Invited Presentation at the Annual Hazards Research and Application Workshop Add-On Session, Boulder, CO, July 17.

Wachtendorf, Tricia, 1998. Issues of Transition: Moving From an All-Women to a Co-Ed Therapeutic Community. Paper Presented at the Annual Meeting of the Eastern Sociological Society, Philadelphia, PA, March 19.

#### **OTHER EXAMPLES OF DISASTER RESEARCH CENTER PROJECT INVOLVEMENT 1997-2004**

Organizational and Community Resilience in New York City Following the World Trade Center Attack – Project Manager, Funded by the National Science Foundation, the Multidisciplinary Center for Earthquake Engineering Research, and the Public Entity Risk Institute.

Four-Year Evaluation of the Federal Emergency Management Agency's Disaster Resistant Community Initiative – Project Manager, Funded by the Federal Emergency Management Agency.

Perceptions of Earthquake Impacts and Loss-Reduction Policy Preferences Among Community Residents and Opinion Leaders – Joint Project Manager, Funded by the National Science Foundation's US/Japan "Common Agenda" collaborative research program.

Businesses and Disasters: Consequences of Disaster Victimization for Businesses and Business Districts – Project Member, Funded by the National Science Foundation.

#### **AWARDS:**

Certificate of Merit, The Mountbatten Maritime Book Prize (Fall, 2017)

International Travel Award, Institute for Global Studies (Summer, 2010)

PRESENT Exemplary Use of Technology in Teaching (Summer, 2008)

PRESENT Summer Faculty Institute (Summer, 2006)

CONNECT Seminar Fellowship Program (Summer, 2005)

Global Citizenship Faculty Fellows Program (Summer, 2005)

**OTHER FIELD DEPLOYMENT ACTIVITIES**

Covid-19 (2020)

Virtual quick response work on community impacts and responses.

Atacama Desert, Flooding (2015)

Site visit with Chilean colleagues to areas affected by the March 2015 floods to examine ongoing recovery efforts and community planning.

Hurricane Sandy (2012)

Member of the Disaster Research Center Quick Response Team to New York with funding provided by the Disaster Research Center.

Tohoku Earthquake and Tsunami (June, 2011)

Member of the Earthquake Engineering Research Institute Reconnaissance Team to Japan with funding provided by the National Science Foundation.

Haiti Earthquake (January, 2010)

National Science Foundation grant-related quick response research in Miami to examine relief efforts to Haiti.

Wenchuan Earthquake (August, 2008)

Member of the Earthquake Engineering Research Institute Reconnaissance Team to Japan with funding provided by the Earthquake Engineering Research Institutes and the National Science Foundation.

Hurricane Katrina (December 2005)

National Science Foundation grant-related quick response research in Louisiana and Mississippi to examine relief efforts.

Indian Ocean Tsunami (January – February, 2005)

Member of the Social Science Quick Response Team to India and Sri Lanka with funding provided by the Earthquake Engineering Research Institutes, the National Science Foundation, and the Sea Grant College Program at the University of Puerto Rico Mayaguez.

World Trade Center Attacks (September-November 2001)

Member of the Disaster Research Center Quick Response Team to New York with funding provided by the Disaster Research Center, the National Science Foundation and MCEER.

Red River Flood (April 1997)



Disaster Research Center Quick Response Team Manitoba, Minnesota, and North Dakota funding provided by the Disaster Research Center.

**Selection of TV, Radio and Podcast Interviews:**

International: Canadian Broadcasting Corporation's 'Cross-Country Check-Up,' 'Information Radio,' 'Sounds Like Canada' and 'This Morning' regarding the Disaster Research Center's study on the response to the 2001 World Trade Center disaster; Canadian Broadcasting Corporation's 'The Current' on the 2011 Japan earthquake; British Broadcasting Corporation, 'World Have Your Say' on the Haiti Earthquake.

National: KNPR Nevada "State of Nevada", WILM radio Wilmington, WNYC Public Radio 'Brian Lehrer Show,' WUML University of Massachusetts Lowell, Nation Public Radio "Talk of the Nation", Nation Public Radio "Morning Edition", New York Times, "The Daily", Covid-Calls, WHYY "Radio Times", NPR "Marketplace: Morning Edition", KYW-TV Channel 3 News CBS Affiliate (Philadelphia, PA), WHYY-PBS (Wilmington, DE); NBC Affiliate (Champaign-Urbana, IL), WBOC (DE);

**Selectin of Print Interviews:**

International: The Winnipeg Free Press (Canada)  
Macleans Magazine (Canada)  
Toronto Star (Canada)  
CBC News (Canada)  
BBC News (England)  
The Qatar Times (Qatar)

United States: The New York Times (New York, NY)  
The Christian Science Monitor (Washington, DC)  
Philadelphia Inquirer (Philadelphia, PA)  
The Grand Forks Herald (Grand Forks, ND)  
Newsday (New York City, NY)  
The Journal News (New York City, NY)  
The National Journal (Washington, DC)  
Kansas City Star (Kansas City, MO)  
Charlotte Observer (Charlotte, NC)  
Biloxi Sun Herald (Biloxi, MS)  
The Daily Camera (Boulder, Colorado)  
The Denton Chronicle (Denton, Texas)  
WKYC.com (Cleveland, OH)  
The Miami Herald (Miami, FL)  
The News Journal (Wilmington, Delaware)  
Los Angeles Times (Los Angeles, CA)

USA Today (National)

**TEACHING**

Courses Taught at the University of Delaware

Introduction to Sociology (undergraduate)

Disasters & Society (graduate and undergraduate)

Disaster, Vulnerability, and Development (graduate and undergraduate)

Sociology of 9/11 (undergraduate)

Sociology of COVID-19 (undergraduate)

Approaches to Qualitative Inquiry (undergraduate)

Qualitative Research Methods (graduate)

Qualitative Methods in Disaster Research (graduate)

**Completed Thesis and Dissertation Committees**

Chair: Britney Vasquez: B.A. "We Could Only Plan So Much Because Things Were Changing So Quickly": COVID-19 and its Impacts on High School Education.

Chair: Roni Fraser: M.A. "Mission First, Greyshirts Always: An Exploration into the Reintegration Experiences of Short-Term Volunteers Following Disaster Response Operations"

Chair: Ashleigh Bothwell: M.A. "U.S. Cities: Trends of Terrorism and Population."

Chair: Mei Johnson: M.S. "Unified or Distinct: An Analysis of Two After-Action Reports Published by the Tennessee Valley Authority Following the 2008 Kingston Coal Fly Ash Slurry Spill at the Kingston Fossil Plant in Kingston, Tennessee."

Chair: Jennifer Lazo: M.S. "Framing Disaster Planning for People with Disabilities: Analyzing the CALIF v. City of Los Angeles Lawsuit."

Chair: Samantha Penta: M.A. "The Value of Preparedness: Organizational Culture and Preparedness in Delaware Nursing Homes."

Chair: Lauren Barsky: M.A. "Hands Off My Property: An Assessment of the Local, National, and International Print Media's Portrayal of Looting in Disasters"

Chair: Lauren Barsky: Ph.D. "Framing Responsibility: A Political Economy Approach to Meeting Basic Needs in Disaster"

Chair: Bethany Brown: Ph.D. "Organizational Response and Recovery of Domestic Violence Shelters in the Aftermath of Disaster"

Chair: Rochelle Brittingham: Ph.D. “Framing Matters: Situating the Experiences and Perceptions of Disaster Sheltering and Evacuation for People with Disabilities.”

Chair: Mary Nelan: Ph.D. “The Social Construction of Disaster Donations: Agility, Adaptability, and Alignment as Success Determinants in Relief Supply Chains.”

Chair: Samantha Penta: Ph.D. “Figuring out the Fixing: Understanding the Underlying Processes for Designing and Implementing Crisis Medical Relief Efforts.”

Chair: Carolina C. Velásquez Calderón: Ph.D. “Surrounded by Water, But None to Drink: Water Crisis in San Andres, A Colombian Caribbean Island.”

Chair: Nancy Rios-Contreras: Ph.D. “Lo Único que Queremos es una Oportunidad de Vida [All We want is an Opportunity of Life]”: Migrant Experiences in Route to the United States Mexico Borderlands.”

Chair: Zachary Cox: Ph.D. “Business Recovery as Entrepreneurship”

Committee Member: Jenniffer Santos-Hernandez, Manuel Torres: Ph.D.; Mary Chaffee: Ph.D.; Joseph Trainor; Ph.D.; Lynn Letukas: M.A.; Anne Goodman: M.Sc.; Juan Camilo Sanchez Gill: Ph.D.; Qiuxi Li: M.S.; Flavio Lopes Riveiro, Ph.D; Daryl Yoder-Bontrager, Ph.D.

Thesis and Dissertation Committees in Progress

Chair: Felicia Henry, Ph.D.

Committee: Shauna Leahy, Ph.D., Valerie Marlow: Ph.D., Yajaira Ayala, Ph.D., Roni Fraser, Ph.D., Cornelia Posch, Ph.D.

## **SERVICE**

### **Department and the University**

Emergency and Environmental Mgmt Concentration Coordinator	2013-present
Disasters and the Environment Comprehensive Exam Committee (Chair):	2013-present
Disasters and Collective Behavior/Social Movements Comprehensive Exam Committee:	2004-13
Methods Comprehensive Exam Committee (Rotation)	2007-14
Promotion and Tenure Committee	2012-15; 2017-18; 2019-20; 2021; 2022-present
Graduate Policy Committee	2007-12; 2015-17; 2020
Undergraduate Policy Committee:	2004-07
By-laws Committee	2021
Center for Drug and Alcohol Studies Director	
Search Committee	2007
Department Search Committees:	2005; 2006; 2014; 2016; 2018
Faculty Mentor	2019-present

Disaster Science and Management (DISA):	
Joint Appointment, Biden School of Public Policy	2010-present
Core Faculty, DISA	2010-present
DISA Curriculum Working Group	2020
DISA Graduate Policy Committee	2020-present
<b>Disaster Research Center:</b>	
Director, Disaster Research Center	2016-present
Associate Director, Disaster Research Center	2008-2016
Core Faculty Disaster Research Center	2004-present
Disaster Science Cluster Search Committee	2018-20
William A. Anderson Fund Director Search Committee (Chair)	2017-19
DRC Strategic Planning Committee	2007; 2020
DRC Director Search Committee:	2006; 2010
DRC Ad Hoc Diversity, Inclusion and Climate Committee	2020-2021
Faculty Adviser to IEAM@UD Student Chapter	2016-2022
Faculty Adviser, UD-EERI Student Chapter	2007-10

**Other University:**

Research Council	2018-present
Named Professor Energy and Environmental Policy	
Search Committee	2015
Faculty Mentor: First Year Experience Program	2005

**Selection of Professional Service:**

International Scientific Committee:	Marine Environmental Observation, Prediction, and Response Network of Centres of Excellence.
Committees:	Policy Committee, North American Alliance for Hazards and Disaster Research Institutes
Strategic Planning Committee:	William A. Anderson Fund for Historically Underrepresented Students in Disaster Science and Practice
Workshop Organizer:	William A. Anderson Fund for Historically Underrepresented Students in Disaster Science and Practice (2016; 2017, 2018; 2019).
Student Activities Board:	Earthquake Engineering Research Institute (2005-2010)
Contributing Author:	Canadian Assessment of Natural Hazards Project
Manuscript Reviewer:	Range of journals in the disaster science and sociology fields
Selected Session Organizer	Society for the Study of Social Problems Annual Meetings American Sociological Association Annual Meetings International Sociological Association Natural Hazards Workshop

Selected Discussant American Sociological Association Annual Meetings, International Sociological Association Annual Meeting  
Natural Hazards Workshop

Panel Reviewer: National Science Foundation; FONDAP for CONICYT, Santiago, Chile.

Proposal Reviewer: National Science Foundation

Program Committee Chair: 3Int. Conference on Urban Disaster Reduction (2014)

Organizing Committee: 4Int. Conference on Urban Disaster Reduction (2016)

Advisory Board: Learning from Earthquakes,  
Earthquake Engineering Research Institute (2005-2014)

**Selection of Community Service:****Information dissemination:**

Regularly provide information to such organizations as the Federal Emergency Management Agency, local Chamber of Commerce organizations, community-based groups, and local emergency management organizations on disaster related issues.

Board Member Siegel Jewish Community Center of Delaware (2012-2018); Safety and Security Committee; (2012-present); Executive Board Member (2018-2019)

Moderator: Congressional Briefing for Congressman Patrick Kennedy's Ready, Willing and Able Act, July 2005

Expert panelist: American Red Cross Day, The White House, Washington, DC

**CURRENT PROFESSIONAL AFFILIATIONS**

Society for the Study of Social Problems

International Sociological Association Research Committee on Disasters

North American Alliance of Hazards and Disaster Research Institutes