

SOC 616: Disaster, Environment & Society

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Fall, 2009
Mon, 6-8:50pm
714 PLC

Office Hours: Mondays , Noon-2pm, or by appointment



COURSE DESCRIPTION

Disasters reveal a great deal about the social world in which we live. Sociologist Robert Merton called them “strategic research sites” in which we can learn more about the social dimensions of catastrophe and also extend sociological theories about human behavior and social organization, thereby gaining further insight into core issues of power, vulnerability and the environment. The primary objective of this course is to provide a deep introduction to these issues. We will explore how and why disasters are fundamentally social events, focusing on unequal vulnerabilities before, during and after disaster strikes, as well as the social construction of risk and its implications for social relations and global politics. This focus will emphasize social, economic, and political forces that put people differentially at risk and highlight how vulnerable social groups experience and adjust to hazardous conditions and events. The course is organized as a reading and discussion intensive seminar.

REQUIRED BOOKS

Ecology of Fear: Los Angeles and the Imagination of Disaster, Mike Davis (1998)

Everything in Its Path: Destruction of Community in the Buffalo Creek Flood, Kai Erikson (1976)

Heat Wave: A Social Autopsy of Disaster in Chicago, Eric Klinenberg (2002)

Worst Cases: Terror and Catastrophe in the Popular Imagination, Lee Clarke (2006)

The Next Catastrophe: Reducing Our Vulnerabilities to Natural, Industrial & Terrorist Disasters, Charles Perrow (2007)

World at Risk, Ulrich Beck (2009)

COURSE SCHEDULE

* Required reading.

October 5th: Introduction – What Is a Disaster & How Is It Sociological?

* Kathleen J. Tierney. 2007. “From the Margins to the Mainstream? Disaster Research at a Crossroads.” *Annual Review of Sociology* 33: 503-525. (Available on Blackboard.)

Supplemental Resources:

Social Science Research Council. Understanding Katrina: Perspectives from the Social Sciences (collection of essays, updated bibliography, and research hub: <http://understandingkatrina.ssrc.org/>)

Brunsma, David, David Overfeldt, and J. Steven Picou. 2007. *The Sociology of Katrina: Perspective on a Modern Catastrophe*. Lanham, MD: Rowman & Littlefield.

National Research Council. 2006. *Facing Hazards and Disasters: Understanding Human Dimensions*. Washington, D.C.: National Academy Press.

Rodriguez, H., Quarantelli, E.L., and Dynes, R. (eds.) 2006. *Handbook of Disaster Research*. New York: Springer.

Tierney, K. J., M. L. Lindell, and R. W. Perry. 2001. *Facing the Unexpected: Disaster Preparedness and Response in the United States*. Washington, D.C.: Joseph Henry Press.

Oliver-Smith, Anthony. 1999. “What Is a Disaster? Anthropological Perspectives on a Persistent Question.” Pp. 18-34 in *The Angry Earth* edited by Anthony Oliver-Smith and Susannah M. Hoffman. New York: Routledge.

Quarantelli, E. L. 1998. *What Is a Disaster? Perspectives on the Question*. New York: Routledge

Quarantelli, E. L. 1987. “Disaster Studies: An Analysis of the Social Historical Factors Affecting the Development of Research in the Area.” *International Journal of Mass Emergencies and Disasters* 5(3): 285-310.

Kreps, G. A. 1984. “Sociological Inquiry & Disaster Research” *Annual Review of Sociology* 10: 309-330.

Fritz, Charles E. 1961. “Disaster.” Pp. 682-694 in *Contemporary Social Problems*, edited by R. K. Merton and R. A. Nisbet. New York: Harcourt, Brace, and World.

October 12th: Social/Political Production of Environmental Hazards

* Mike Davis, *Ecology of Fear*: Chapters 1-4

** Reading Memos begin and are due to Blackboard by noon, Mondays. (See instructions, p.11)

Key Questions:

- How are hazards “constructed,” and what are the implications for studying them?
- What does Davis mean by the “dialectic of ordinary disaster”?

Supplemental Resources:

Freudenburg, William R., Robert Gramling, Shirley Laska, and Kai T. Erikson. 2009.
Catastrophe in the Making: The Engineering of Katrina and the Disasters of Tomorrow.
Washington, DC: Island Press.

Freudenburg, William R., Robert Gramling, Shirley Laska, and Kai T. Erikson. 2008.
“Organizing Hazards, Engineering Disasters? Improving the Recognition of Political-
Economic Factors in the Creation of Disasters.” *Social Forces* 87(2): 1015-1038.

Donner, William and Havidán Rodríguez. 2008. “Population Composition, Migration and
Inequality: The Influence of Demographic Changes on Disaster Risk and Vulnerability”
Social Forces 87(2): 1089-1114.

Steinberg, Ted. 2000. *Acts of God: The Unnatural History of Natural Disaster in America*.
Oxford: Oxford University.

Steinberg, Ted. 1997. “Do-It-Yourself Deathscape: The Unnatural History of Natural Disaster in
South Florida” *Environmental History* 2(4): 414-438.

Oliver-Smith, Anthony. 1992. *The Martyred City: Death and Rebirth in the Andes*. Long
Grove, IL: Waveland Press.

Oliver-Smith, Anthony. 1994. “Peru’s five hundred year earthquake: vulnerability in historical
context.” In *Disasters, Development, and Environment*, ed. A Varley, pp. 31–48.
London:Wiley

October 19th: Community Responses to Disasters

- * Kai Erikson, *Everything in Its Path*: Introduction, Part One, and Part Three.
- * Picou, J. Steven, Brent K. Marshall, and Duane A. Gill. 2004. “Disaster, Litigation, and the
Corrosive Community.” *Social Forces* 82: 1497-1526. (Available on Blackboard.)

Key Questions:

- What was chief source of Buffalo Creek’s vulnerability?
- What factors contribute to corrosive versus therapeutic responses to catastrophe?

Supplemental Resources

Smith, Stanley K. and Chris McCarty. 2009. “Fleeing the Storm(s): An Examination of
Evacuation Behavior during Florida’s 2004 Hurricane Season.” *Demography* 46(1): 127-
145.

- Stern, Gerald. 2008. *The Buffalo Creek Disaster: How the Survivors of One of the Worst Disasters in Coal-mining History Brought Suit against the Coal Company--and Won*. New York: Vintage.
- Gotham, Kevin Fox and Miriam Greenberg. 2008. "From 9/11 to 8/29: Post-Disaster Recovery and Rebuilding in New York and New Orleans." *Social Forces* 87(2): 1039-1062.
- Edwards, Margie L. Kiter. 1998. "An Interdisciplinary Perspective on Disasters and Stress: The Promise of an Interdisciplinary Framework" *Sociological Forum* 13(1):115-132.
- Fischer, Henry W., III. 1998. *Response to Disaster: Fact versus Fiction and its Perpetuation*. Lanham, MD: University Press of America.
- Freudenburg, William R. 1997. "Contamination, Corrosion, and the Social Order: An Overview." *Current Sociology* 45: 19-39.
- Olson R.S., Drury A.C. 1997. "Un-Therapeutic Communities: A Cross-National Analysis of Postdisaster Political Unrest." *International Journal of Mass Emergency Disasters* 15:221-38.
- Smith, Kenneth J; Belgrave, Linda Liska. 1995. "The Reconstruction of Everyday Life: Experiencing Hurricane Andrew." *Journal of Contemporary Ethnography* 24(3): 244-269.
- Stallings, Robert A. 1988. "Conflict in Natural Disasters: a Codification of Consensus and Conflict Theories." *Social Science Quarterly* 69: 569-86.
- Cuthbertson, Beverly H. and Joanne M. Nigg. 1987. "Technological Disaster and the Non-Therapeutic Community." *Environment and Behavior* 19: 462-483.
- Thomas E. Drabek. 1986. *Human System Responses to Disaster: An Inventory of Sociological Findings*. NY: Springer-Verlag.
- Quarantelli, E.L. and Russell Dynes. 1977. "Response to Social Crisis and Disaster." *Annual Review of Sociology* 3: 23-49.
- Dynes, Russell R. 1970. *Organized Behavior in Disaster*. Lexington, MA: Heath Lexington.
- Alan Barton. 1969. *Communities in Disaster: A Sociological Analysis of Collective Stress Situations*. Doubleday.
- Dynes, Russell and E.L. Quarantelli. 1968. "Group Behavior under Stress: a Required Convergence of Organizational and Collective Behavior Perspectives." *Sociology and Social Research* 52: 416-29.
- Bates, Frederick L., C.W. Fogelman, V.J. Parenton, R.H. Pittman, and G.S. Tracy. 1963. *The Social and Psychological Consequences of a Natural Disaster: A Longitudinal Study of Hurricane Audrey*. Washington, DC: National Academy of Sciences—National Research Council.
- Quarantelli, E.L. 1960. "Images of Withdrawal Behavior in Disasters: Some Basic Misconceptions." *Social Problems* 8: 68-79.

October 26th: Unequal (Social) Vulnerabilities & A Methodological Debate

* Eric Klinenberg, *Heat Wave*: Introduction, Chapters 1-3, and Chapter 5.

Followup Study and Methodological Debate: (Available on Blackboard.)

* Browning, Christopher R., Danielle Wallace, Seth Feinberg, Kathleen A. Cagney. 2006. "Neighborhood Social Processes, Physical Conditions, and Disaster-Related Mortality: The Case of the 1995 Chicago Heat Wave." *American Sociological Review* 71(4): 661-

* Duneier, Mitchell. 2006. "Ethnography, the Ecological Fallacy, and the 1995 Chicago Heat Wave." *American Sociological Review* 71(4): 670-688.

* Klinenberg, Eric. 2006. "Blaming the Victim: Hearsay, Labeling, and the Hazards of Quick-Hit Disaster Ethnography." *American Sociological Review* 71(4): 689-698.

Key Questions:

- Why are residents of some disadvantaged neighborhoods more vulnerable than others?
- What are the methodological issues that arise in making such claims?

Supplemental Resources (see also topic-specific references later in the syllabus)

Pais, Jeremy F. and James R. Elliott. 2008. "Places as Recovery Machines: Vulnerability and Neighborhood Change After Major Hurricanes." *Social Forces* 86(4): 1415-1453.

Bankoff, Greg, Georg Frerks, and Dorothea Hilhorst. 2004/2007. *Mapping Vulnerability: Disasters, Development & People*. Sterling, VA: Earthscan.

Cutter, Susan L., Bryan J. Boruff, and W. Lynn Shirley. 2003. "Social Vulnerability to Environmental Hazards." *Social Science Quarterly* 84(2): 242-261

Klinenberg, Eric. 2001. "Dying Alone: The Social Production of Urban Isolation." *Ethnography* 2(4): 501-531

November 2nd: A Further Look at Methods for Examining Disasters and Vulnerabilities

**** Midterm Paper Due [No Reading Memo Due this Week]**

Vulnerability Indices, Local: (Available on Blackboard.)

* Cutter, Susan, Bryan J. Boruff, and W. Lynn Shirley. 2003. "Social Vulnerability to Environmental Hazards" *Social Science Quarterly* 84(2): 242-261.

See also:

Social Vulnerability Index for the United States (interactive):

<http://webra.cas.sc.edu/hvri/products/sovi.aspx>

De Oliveira Mendes, Jose. 2009. "Social Vulnerability Indexes as Planning Tools: Beyond the Preparedness Paradigm." *Journal of Risk Research* 12(1): 43-58.

Schmidtlein, M.C. 2008. "A Sensitivity Analysis of the Social Vulnerability Index." *Risk Analysis* 28(4): 1099-1114.

Cutter, Susan, Jerry T. Mitchell, and Michael S. Scott. 2000. "Revealing the Vulnerability of People and Places" *Annals of the Association of American Geographers* 90(4): 713-737.

Vulnerability Indices, International:

* United Nations Development Program. 2004. "Chapter 2: International Patterns of Risk" in *Reducing Disaster Risk: A Challenge for Development*. (available online: <http://www.undp.org/cpr/disred/english/publications/rdr.htm>)

See also:

United Nations, Disaster Risk Index, Interactive Website:
<http://gridca.grid.unep.ch/undp/>

United National, International Strategy for Disaster Reduction, <http://www.unisdr.org/>

Using Disasters as "Natural Experiments" to Examine Routine Social Dynamics:

* Hurlbert, Jeanne S., Valerie Haines and John J. Beggs. 2000. "Core Networks and Tie Activation: What Kinds of Routine Networks Allocate Resources in Nonroutine Situations?" *American Sociological Review* 65: 598-618.

* Kirk, David S. 2009. "A Natural Experiment on Residential Change and Recidivism: Lessons from Hurricane Katrina." *American Sociological Review* 74(3): 484-505.

Formalizing a Political-Economic Model of Disaster Prevention

* Cohen, Charles Cohen and Eric D. Werker. 2008. "The Political Economy of 'Natural Disasters'" *Journal of Conflict Resolution* 52(6): 795-819.

Using Theory to Re-Interpret Historical Cases of Disaster

* Robert A. Stallings. 2002. "Weberian Political Sociology and Sociological Disaster Studies." *Sociological Forum* 17: 281-305.

Supplemental Resources

Elliott, James R., Timothy Haney, and Patrice Sams-Abiodun. (Under Review) "Limits to Social Capital: Comparing Network Activation in Two New Orleans Neighborhoods Devastated by Hurricane Katrina."

Brezina, Timothy. 2008. "What Went Wrong in New Orleans? An Examination of the Welfare Dependency Explanation." *Social Problems* 55(1): 23-42.

National Research Council. 2006. *Facing Hazards and Disasters: Understanding Human Dimensions*. Washington, DC: National Academies.

Lieberson, Stanley and Freda B. Lynn. 2002. "Barking up the Wrong Branch: Scientific Alternatives to the Current Model of Sociological Science." *Annual Review of Sociology* 28: 1-19.

Mileti, Dennis S. 1987. "Sociological Methods and Disaster Research." Pp. 57-69 in *Sociology of Disasters: Contribution of Sociology to Disaster Research*, edited by R. R. Dynes, B. De Marchi, and C. Pelanda. Milan, Italy: Franco Angeli

James D. Wright, Peter H. Rossi, Sonia R. Wright, and Eleanor Weber-Burdin. 1979. *After the Clean-up: Long-range Effects of Natural Disasters*. Beverly Hills, CA: Sage.

Brookings Institution's *Katrina Index* (available online:
<http://www.brookings.edu/reports/2007/08neworleansindex.aspx>)

November 9th: Disasters, Power & Risk Communication

* Lee Clarke, *Worst Cases*

Key Questions:

- Is probabilistic thinking a "root cause" of disaster?
- How might worst case scenarios expand democratic decision-making?

Supplemental Resources:

Clarke, Lee. 2008. "Possibilistic Thinking: A New Conceptual Tool for Thinking about Extreme Events." *Social Research* 75(3): 669-690.

Clarke, Lee. 2008. "Thinking about Worst Case Thinking." *Sociological Inquiry* 78(2): 154-161.

Clarke, Lee. 2006. "Worse Case Katrina." Social Science Research Council.
<http://understandingkatrina.ssrc.org/>.

Silbey, Susan S. 2009. "Taming Prometheus: Talk about Safety and Culture." *Annual Review of Sociology* 35: 341-369.

Eisenmann, David P., Kristina M. Cordasco, Steve Asch, Joya F. Golden, and Deborah Gilk. 2007. "Disaster Planning and Risk Communication with Vulnerable Communities: Lessons from Hurricane Katrina." *American Journal of Public Health* 97(s1): s109-s115.

November 16th: Organizational Failure, the State, and Catastrophes

* Charles Perrow, *The Next Catastrophe*: Chapters 1-4, 9; plus one assigned chapter from Part 3.

Key Questions:

- Why are disasters normal, and what does this imply about their root causes?
- What are the implications of this perspective for social relations and public policy?

Supplemental Resources

- Perrow, Charles. 2009. "Resilience rather than Prevention and Recovery." *Building Research & Information* 37(2): 213-216.
- Perrow, Charles. 2008. "Complexity, Catastrophe, and Modularity." *Sociological Inquiry* 78(2): 162-173.
- Perrow, Charles. 2008. "Conservative Radicalism." *Organization* 15(6): 915-926.
- Perrow, Charles. 1999. *Normal Accidents: Living with High-Risk Technologies*. Princeton: Princeton University. (Updated edition.)
- Brinkley, Douglas. 2006. *The Great Deluge: Hurricane Katrina, New Orleans, and the Mississippi Gulf Coast*. New York: William Morrow.
- Farber, Daniel A. and Jim Chen. 2006. *Disasters and the Law: Katrina and Beyond*. Aspen: Elective Press.
- Garrett, Thomas A. and Russell S. Sobel. 2002. "The Political Economy of FEMA Disaster Payments." St. Louis, MO: Federal Reserve Bank of St. Louis.

November 23rd: Disasters, Risk & the New (Global) Modernity

* Ulrich Beck, *World at Risk*: Chapters 1-5, 10-12

Key Questions:

- What does Beck mean by "staging of risk," and how is it a form of (hyper)modernity?
- What does Beck mean by the promise of "cosmopolitan material politics"?

Supplemental Resources

- Beck, Ulrich. 2006. "Living in the World Risk Society." *Economy and Society* 35(3): 329-45.
- Beck, Ulrich. 1992. *Risk Society: Towards a New Modernity*. London: Sage.
- Spilerman, Seymour and Guy Stecklov. 2009. "Societal Responses to Terrorist Attacks." *Annual Review of Sociology* 35: 167-189.
- Klein, Naomi. 2008. *The Shock Doctrine: The Rise of Disaster Capitalism*. Picador Press.
- Rosa, Eugene, Aaron M. McCright, and Ortwin Renn. 2008. "Society at Risk: Theorizing the Grand Challenge of Advanced Modernity." (Unpublished Manuscript, available online)
- Williams, Stewart. 2008. "Rethinking the Nature of Disaster: From Failed Instruments of Learning to a Post-Social Understanding." *Social Forces* 87(2): 1115-1138.
- Letukas, Lynn and John Barnshaw. 2008. "A World-System Approach to Post-Catastrophe International Relief" *Social Forces* 87(2): 1063-1087.

Mythen, G. 2007. "Reappraising the Risk Society Thesis." *Current Sociology* 55(6): 793 -813.

Pelling M, ed. 2003. *Natural Disasters and Development in a Globalizing World*. London: Routledge.

Webb, Gary R. 2002. "Sociology, Disasters, and Terrorism: Understanding Threats of the New Millennium." *Sociological Focus* 35(1): 87-95.

November 30th: Students' Choice

- Possibilities:

- Philosophy, Morality & Disasters -- Zack, *Ethics for Disaster*
- Global Climate Change & Environmental Refugees
- Student Research Presentations
- ??

December 7th: Finals Week, No Class – Final Paper Due

COURSE REQUIREMENTS

- 10% Attendance and Participation/Facilitation
- 30% Weekly Memos (6 @ 5 pts. each: Due Oct. 12, 19, 26; Nov. 9, 16, 23)
- 20% Midterm Essay (Due Nov. 2; 5-6 pages)
- 40% Final Research Paper (Due Dec. 7; 10-15 pages)

Attendance and Participation/Facilitation: Students are expected to attend all class meetings and to participate actively. Please arrive on time. If you need to leave early, please speak with Prof. Elliott to determine whether you will receive credit for that day. Missing more than one class during the term will decrease your final grade by 5 percentage points for each additional absence (e.g., if you miss two classes, your final grade will decline 5 points, say, from a 93 to an 88; if you miss three classes, your final grade will decline from a 93 to an 83; and so forth). Special consideration is given to students with no absences through the course. All assigned readings are required and are to be completed prior to class. Our discussions and course work will have four goals:

- clarify the meaning of assigned texts, including definitions, theories and facts raised;
- evaluate assumptions, evidence and claims advanced;
- develop one's own critical perspective on the text or issue;
- consider scholarly and political implications and possibilities for further research on the issue.

In addition to this general preparation, every other week, we'll ask you to take primary responsibility for leading class discussion on a particular article or chapter in the assigned reading. The job of the discussion leader is to be the "resident expert" on that particular piece and to provide thought-provoking questions to initiate and guide discussion.

Weekly Memos: Success requires that we all prepare for class discussions. Writing reflective memos on the assigned reading is an important part of this preparation. These memos should be the equivalent of roughly 2½ - 3 pages (double-spaced) in length and are due by NOON MONDAY of each assigned week.

You will post these memos to the course blackboard site for others to read. (See instructions below.) There are a total of 6 memos during the term, with each accounting for 5% of your final grade.

Midterm Essay: The midterm essay will be akin to a midterm take-home exam, where you will be asked to write an essay of 5-6 pages on a given question and submit it in class on November 2nd. Your essay should integrate, synthesize and critically evaluate relevant material from assigned readings and class discussions to that point. The best essays may also incorporate one or more of the supplemental texts.

Final Research Paper: This formal paper will address a topic of your choosing and be 10-15 pages (typed and double-spaced). We will discuss possible topics and formats in class. The chief objective is to develop or refine a project of compelling interest to your academic endeavors. Perhaps you are working on a thesis, or annotated bibliography for a qualifying exam, or a dissertation, or a grant proposal? Your final project should follow a format consistent with a research proposal, formal literature review, or publishable paper.

GENERAL PROTOCOL

Blackboard Website: You are automatically enrolled in the course blackboard site. Readings, announcements, links, and grades will be posted here. You are expected to check this site regularly for course updates and information. This is also where you'll post your assigned reading memos.

Classroom Etiquette: Practice the Golden Rule. This means turning off your cell phone, paying attention, and generally showing the kind of respect you'd like to receive yourself. Violations may result in dismissal from class.

Academic Honesty: Sadly, academic dishonesty has become commonly practiced on U.S. campuses. Please be aware that academic dishonesty is not acceptable in this class. If you have any doubt about what constitutes academic dis/honesty, please discuss these issues with your instructor. Academic dishonesty will be referred to the appropriate university authority and could result in failure in this class, or worse. (On plagiarism see <http://libweb.uoregon.edu/guides/plagiarism/students/>).

GRADING

Grading is based on individual performance, not a curve. Late assignments will only be accepted if you meet prior to the deadline with Prof. Elliott and provide a legitimate, verifiable reason. Computer problems do not qualify. Please plan ahead and do not wait until the last minute to complete assignments.

A+ = 98-100	B+ = 88-89	C+ = 78-79	D+ = 68-69
A = 93-97	B = 83-87	C = 73-77	D = 63-67
A- = 90-92	B- = 80-82	C- = 70-72	D- = 60-62

POSTING WEEKLY MEMOS TO OUR BLACKBOARD SITE

1. Go to “**Communication**” within our course blackboard site
2. Go to “**Discussion Board**”
3. Go to appropriate week for your memo submission
4. **Click on the first message in the folder, which will be from me and will not have a “Re:” in the subject line.** (Technically when you submit your memo each week, you will be replying to the first message posted by me. By doing things this way, we’re able to keep each week’s postings within a common “thread,” which facilitates review.)
5. Next, in the box that appears, you will see a short message from me. **To write and/or post your memo, click the “Reply” button.**
6. Next, **you may post your memo in one of two ways:**
 - (a) Type your memo directly into the message box and submit; or
 - (b) Cut and paste your memo from a wordprocessing program into the message box, and then submit.

NOTE: Do NOT submit your memo as an attachment. It requires that others have the same software you used to create your attachment and greatly increases the chances of infection from computer viruses, which is no fun for anyone.

NOTE: The time and date are stamped on your memo when it is submitted. This stamp will be used to assess adherence to the MONDAY-NOON deadline.

To read others’ memos, simply work your way through the messages for the respective week.

SUPPLEMENTAAL TOPICS & RESOURCES RE: VULNERABILITY

Race, Class and Vulnerability

- Elliott, James R. and Jeremy Pais. 2007. "Race, Class and Hurricane Katrina: Social Differences in Human Responses to Disaster." *Social Science Research* 35: 295-321.
- Barnshaw, John and Joseph Trainor 2007. "Race, Class, and Capital amidst the Hurricane Katrina Diaspora." Pp. 91–105 in *The Sociology of Katrina: Perspectives on the Modern Catastrophe* edited by David L. Brunsma, David Overfelt, and J. Steven Picou. Lanham, MD: Rowan and Littlefield.
- Elder, Keith, Sudha Xirasagar, Nancy Miller, Shelly Ann Bowen, Sandra Glover, and Crystal Piper. 2007. "African Americans' Decisions Not to Evacuate New Orleans Before Hurricane Katrina: A Qualitative Study." *American Journal of Public Health* 97(s1): s124-s129.
- Spence, Patric R., Kenneth A. Lachlan, and Donyale R. Griffin. 2007. "Crisis Communication, Race, and Natural Disasters." *Journal of Black Studies* 37(4): 539-55.
- Breunlin, Rachel and Helen A. Regis. 2006. "Putting the Ninth Ward on the Map: Race, Place and Transformation in Desire New Orleans." *American Anthropologist* 108(4): 744-764.
- National Low Income Housing Coalition. 2005. "Hurricane Katrina's Impact on Low Income Housing Units" NLIHC Research Note #05-02
- Fothergill, Alice and Lori A. Peek. 2004. "Poverty and Disasters in the United States: A Review of Recent Sociological Findings." *Natural Hazards* 32: 89-110.
- Sanders, Sara, Bowie, Stan L., Bowie, Yvonne Dias. 2003. "Lessons Learned on Forced Relocation of Older Adults: The Impact of Hurricane Andrew on Health, Mental Health, and Social Support of Public Housing Residents." *Journal of Gerontological Social Work*, 40(4): 23-35
- Perilla, Julia L., Fran H. Norris, and Evelyn A. Lavizzo. 2002. "Ethnicity, Culture, and Disaster Response: Identifying and Explaining Ethnic Differences in PTSD Six Months after Hurricane Andrew" *Journal of Social and Clinical Psychology* 21(1): 20-45.
- Bolin, Robert and Lois Stanford. 1998. *The Northridge Earthquake: Vulnerability and Disaster*. London: Routledge.
- O'Brien, Paul 1998. "Disaster Evacuation Behavior: Tourists and Other Transients" *The Social Science Journal* July: 465-468.
- Cherry, Andrew L; Cherry, Mary Elizabeth. 1997. "A Middle Class Response to Disaster: FEMA's Policies and Problems" *Journal of Social Service Research* 23(1): 71-87.
- Dash, Nicole, Walter Gillis Peacock, and Betty Hearn Morrow. 1997. "And the Poor Get Poorer: A Neglected Black Community." Pp. 206-225 in *Hurricane Andrew: Ethnicity, Gender, and the Sociology of Disasters*, edited by Walter Gillis Peacock, Betty Hearn Morrow, and Hugh Gladwin. New York: Routledge.
- Peacock, Walter Gillis and Chris Girard. 1997. "Ethnic and Racial Inequalities in Hurricane Damage and Insurance Settlements" in Walter Gillis Peacock, Betty Hearn Morrow and Hugh Gladwin (eds.) *Hurricane Andrew: Ethnicity, Gender and the Sociology of Disasters*, pp. 171-190. New York: Routledge.
- Phillips, Brenda D. 1996. "Creating, Sustaining, and Losing Place: Homelessness in the Context of Disaster." *Humanity and Society* 20: 94-101.

Gender and Vulnerability

- Gault, Barbara et al. 2005. "The Women of New Orleans and the Gulf Coast: Multiple Disadvantages and Key Assets for Recovery, Part 1." Institute for Women's Policy Research, Report #D464.
- Enarson, Elaine; Meyreles, Lourdes. 2004. "International Perspectives on Gender and Disaster: Differences and Possibilities" *International Journal of Sociology and Social Policy*, 24:49-93.

- Fothergill, Alice. 2003. "The Stigma of Charity: Gender, Class, and Disaster Assistance" *The Sociological Quarterly*, 44(4): 659-680.
- Enarson, Elaine and Joseph Scanlon. 1999. "Gender Patterns in Flood Evacuation: A Case Study in Canada's Red River Valley" *Applied Behavioral Science Review* 7(2): 103-
- Enarson, Elaine. 1999. "Violence Against Women in Disasters: A Study of Domestic Violence Programs in the United States and Canada." *Violence Against Women* 5(7): 742-768
- Enarson, Elaine. 1999. "Women and Housing Issues in Two U.S. Disasters: Hurricane Andrew and the Red River Valley Flood." *International Journal of Mass Emergencies and Disasters* 17(1): 39-63.
- Enarson, Elaine and Betty Hearn Morrow. 1998. "Why Gender? Why Women? An Introduction to Women and Disaster." Pp. 1-8 in *The Gendered Terrain of Disaster: Through Women's Eyes*, edited by E. Enarson and B. H. Morrow. Westport, CT: Praeger.
- Bolin, Robert, Martina Jackson, and Allison Crist. 1998. "Gender Inequality, Vulnerability, and Disaster: Issues in Theory and Research." Pp. 27-43 in Elaine Enarson and Betty Hearn Morrow (eds), *The Gendered Terrain of Disaster*.
- Alway, Joan; Belgrave, Linda Liska; Smith, Kenneth J. 1998. "Back to Normal: Gender and Disaster" *Symbolic Interaction* 21(2):175-195.
- Fordham, Maureen and Anne-Michelle Ketteridge. 1998. "Men Must Work and Women Must Weep: Examining Gender Stereotypes in Disasters." Pp. 81-94 in *The Gendered Terrain of Disaster: Through Women's Eyes*, edited by E. Enarson and B. H. Morrow. Westport, CT: Praeger.
- Fothergill, Alice. 1998. "The Neglect of Gender in Disaster Work: an Overview of the Literature." Pp. 11-25 in Elaine Enarson and Betty Hearn Morrow (eds), *The Gendered Terrain of Disaster*. Miami, FL: International Hurricane Center (originally published by Praeger Press).
- Enarson, Elaine and Betty Hearn Morrow. 1997. "A Gendered Perspective: the Voices of Women." Pp. 116-40 in Walter Peacock, Betty Hearn Morrow, and Hugh Gladwin (eds) *Hurricane Andrew: Ethnicity, Gender, and the Sociology of Disasters*. NY: Routledge.
- Neal, David M. and Brenda D. Phillips. 1990. "Female-dominated Local Social Movement Organizations in Disaster-threat Situations." Pp. 243-55 in Guida West and Rhoda Lois Blumberg (eds) *Women and Social Protest*. Oxford University Press.

Personal Networks, Social Capital and Vulnerability

- Haney, Timothy J., James R. Elliott, and Elizabeth Fussell. 2007. "Families and Hurricane Response: Evacuation, Separation, and the Emotional Toll of Hurricane Katrina." Pp. 71-90 in *The Sociology of Katrina: Perspectives on a Modern Catastrophe*, edited by David Brunnsma, Dave Overfeldt and J. Steven Picou. Lanham, MD: Rowman and Littlefield.
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SUPPLEMENTAL INSTITUTIONAL & ON-LINE RESOURCES (Soft-Copy is Hyperlinked)

[Gender and Disaster Network](#)

The Gender and Disaster Network is an educational project initiated by women and men interested in gender relations in disaster contexts.)

[Population-Environment Research Network](#)

Conduct a keyword search on "disaster" and/or "vulnerability."

[National Hazards Center](#)

This research and training center is run at the University of Colorado and includes publications, workshops, funding announcements and related resources.

[University of Delaware—Disaster Research Center](#)

This research and training center offers similar resources as the National Hazards Center, plus with unique resource collections.

[Social Science Research Council: Understanding Katrina](#)

This web portal includes invited essays by leading sociologists on Hurricane Katrina, a "Research Hub" for networking and sharing information on continuing research, and a regularly updated bibliography on published and unpublished research on Hurricane Katrina and the Gulf Coast.

[Partnership for Disaster Resilience](#)

The Oregon Partnership for Disaster Resilience is a coalition of public, private, and professional organizations working collectively toward the mission of creating a disaster-resilient and sustainable state. It is organized and linked to researchers at the University of Oregon.

[Disaster Research Education and Mentoring Center](#)

The primary function of the DREM Center is to provide practical education, mentoring and technical assistance to researchers and governmental and non-governmental agencies interested in research following disasters and terrorism. Two related projects include [Research Education in Disaster Mental Health \(REDMH\)](#) and [The Disaster Research Training Grant \(DRT\)](#).

[Centre for Research on the Epidemiology of Disasters](#)

CRED promotes research, training, and information dissemination on disasters, with a special focus on public health, epidemiology, structural and socio-economic aspects. It aims to enhance the effectiveness of developing countries' disaster management capabilities as well as fostering policy-oriented research.

Research in the field of Disaster Studies is supported by diverse sources, including:

- Federal Emergency Management Agency
- Multidisciplinary Center for Earthquake Engineering Research
- National Institute of Mental Health
- National Oceanic and Atmospheric Administration Sea Grant Program
- National Science Foundation
- Public Entity Risk Institute
- Social Science Research Council
- U.S. Geological Survey

Additionally, there are several national policy boards in the realm of disaster research:

- National Academy of Sciences/National Research Council's Commission on International Disaster Assistance and Board on Natural Disasters
- National Science Foundation's Social Hazard Review Panel
- U.S. Committee on the UN Decade for Natural Disaster Reduction