

GEORGIA STATE UNIVERSITY
ANDREW YOUNG SCHOOL OF POLICY STUDIES
DEPARTMENT OF PUBLIC ADMINISTRATION AND URBAN STUDIES

PAUS 8271 – Disaster Policy and Emergency Management
Fall Semester 2008
Professor Bill Waugh

This course focuses on the evolution of U.S. disaster policy and the practice of emergency management, with particular attention to the roles of local governments and nonprofit agencies in disaster management. The course examines the major policy issues, including the utility of the “all-hazard” or comprehensive model of emergency management, the role of the military in disaster operations, state and local capacity building, and the design and implementation of hazard mitigation policies and programs. Lessons are drawn from major disasters ranging from the attacks on the World Trade Center towers and Pentagon in 2001 to the 2005 Katrina Hurricane. The current national debate over the organization of the Department of Homeland Security and the Federal Emergency Management Agency will be a major focus of the course.

Required Textbooks:

Richard T. Sylves, *Disaster Policy and Politics: Emergency Management and Homeland Security* (CQ Press, 2008).

William L. Waugh, Jr., and Kathleen Tierney, eds., *Emergency Management: Principles and Practice for Local Government*, 2nd Edition (ICMA Press, 2007).

Suggested readings for more information (available in library or from instructor):

Raymond J. Burby, ed., *Cooperating with Nature: Confronting Natural Hazards with Land-Use Planning for Sustainable Communities* (Washington, DC: Joseph Henry Press, 1998).

Ian Burton, Robert W. Kates, and Gilbert F. White, *The Environment as Hazard*, 2nd Edition (New York: The Guilford Press, 1993).

Lucien G. Canton, *Emergency Management: Concepts and Strategies for Effective Programs* (Hoboken, NJ: Wiley InterScience, 2007).

Christopher Cooper and Robert Block, *Disaster: Hurricane Katrina and the Failure of Homeland Security* (New York: Times Books, 2006).

George D. Haddow and Jane A. Bullock, *Introduction to Emergency Management*, 2nd edition (New York: Butterworth-Heinemann, 2006).

Howard Kunreuther and Richard J. Roth, Sr., eds., *Paying the Price: The Status and Role of Insurance Against Natural Disasters in the United States* (Washington, DC: Joseph Henry Press, 1998).

Dennis S. Mileti, ed., *Disasters by Design: A Reassessment of Natural Hazards in the United States* (Washington, DC: Joseph Henry Press, 1999).

Rutherford M. Platt, ed., *Disasters and Democracy: The Politics of Extreme Natural Events* (Washington, DC: Island Press, 1999).

Havidán Rodríguez, Enrico L. Quarantelli, and Russell R. Dynes, eds., *Handbook of Disaster Research* (New York: Springer, 2006).

Claire B. Rubin, ed., *Emergency Management: The American Experience, 1900-2005* (Fairfax, VA: Public Entity Risk Institute, 2007).

Claire B. Rubin, *Disaster Timeline: Selected Milestone Events and U.S. Outcomes (1965-2006)* (Arlington, VA: Claire B. Rubin & Associates, 2007). <http://www.disaster-timeline.com>

Robert A. Stallings, ed., *Methods of Disaster Research* (Xlibris, 2002).

Kathleen Tierney, Michael K. Lindell, and Ronald W. Perry, *Facing the Unexpected: Disaster Preparedness and Response in the United States* (Washington, DC: Joseph Henry Press, 2001).

William L. Waugh, Jr., ed., *Shelter from the Storm: Repairing the National Emergency Management System After Hurricane Katrina* (Special Issue of *The Annals of the American Academy of Political and Social Science*, March 2006)(Sage Publications).

William L. Waugh, Jr., *Living with Hazards, Dealing with Disasters: An Introduction to Emergency Management* (Armonk, NY: M.E. Sharpe Publishers, 2000). Electronic version available in the GSU Library.

William L. Waugh, Jr., *Public Administration and Emergency Management* (Emmitsburg, MD: FEMA, Emergency Management Institute, 2000). <http://training.fema.gov/EMIWeb/edu> (click Higher Education Project courses)

William L. Waugh, Jr., *Terrorism and Emergency Management* (Emmitsburg, MD: FEMA, Emergency Management Institute, 2001). <http://training.fema.gov/EMIWeb/edu> (click Higher Education Project Courses)

William L. Waugh, Jr., *Terrorism and Emergency Management* (New York: Marcel Dekker, 1990).

William L. Waugh, Jr., Frances Edwards, and William Nicholson, *Homeland Security and Emergency Management* (Emmitsburg, MD: FEMA, Emergency Management Institute, 2006). <http://training.fema.gov/EMIWeb/edu> (click Higher Education Project Courses)

Selected Journals:

The Australian Journal of Emergency Management

Disaster Prevention and Management: An International Journal (UK)

Disaster Recovery Journal (for Business Continuity Planners)

Disasters: The Journal of Disaster Studies, Policy and Management

Environmental Hazards: Human and Policy Dimensions

Homeland Protection Professional

International Journal of Mass Emergencies and Disasters (International Research Committee on Disasters, American Sociological Association)

Journal of Contingencies and Crisis Management (The Netherlands)

Journal of Emergency Management

Journal of Homeland Security and Emergency Management (electronic)

The Liaison (for Civil-Military Humanitarian Relief Collaboration) (Center of Excellence in Disaster Management and Humanitarian Assistance, Hawaii)

Natural Hazards: An International Journal of Hazards Research & Prevention

Natural Hazards Review (Natural Hazards Center, University of Colorado)

Students are also encouraged to use Internet information sources and a listing of websites will be provided. Students may subscribe to discussion lists for a variety of disaster organizations and related professions and receive email notification of major earthquakes and other disasters, federal disaster relief announcements, job announcements, research opportunities, and other relevant professional news from the field. The United Nations conducts Internet conferences periodically and information is also available in English on emergency management programs and activities in Canada, Australia, Japan, and other nations. The Emergency Information Infrastructure Partnership (EIIP) has weekly Internet workshops, as well.

Students should become familiar with the following sites:

- www.fema.gov - for basic information on the federal emergency management system, reports, legal documents, training and planning documents, and status reports on disasters, as well as links to state and local emergency management agencies (including a link to the Georgia Emergency Management Agency).
- www.dhs.gov - for basic information on the Department of Homeland Security, including FEMA, and its constituent agencies and directorates.
- www.iaem.org - for information on the International Association of Emergency Managers, job listings, commentary on current policy issues.

- www.colorado.edu/hazards - for information regarding specific hazards, full texts of some of the Natural Hazards Center's series of working papers and quick response reports for recent disasters, and other information sources.
- www.drc.udel.edu - for applied social science research related to disasters, full texts of some of the Disaster Research Center's publications, including reports to FEMA and other government agencies.
- www.emforum.org - Emergency Information Infrastructure Partnership (EIIP) forum. Holds Internet workshops on a broad range of emergency management issues and maintains an archive of transcripts. Tune in online for Wednesday noon programs.

A list of disaster websites will be provided and more websites will be suggested in the class discussions and readings.

Course Requirements:

This is a graduate course, therefore class participation is essential and will represent a significant percentage of the final grade. There will be two examinations, a midterm and a final, and a research project. There will also be supplemental readings, case analyses, and other class activities that will require participation.

The research project should focus on an emergency management issue or function, such as alert and warning systems or evacuation systems, or on a specific hazard or disaster, such as landslides or a major hurricane. Students should survey the literature (library and Internet), assess the state of knowledge about the issue, function, hazard, or disaster and provide an analysis that identifies information needs, lessons learned, and/or other concerns for emergency managers, policymakers, and communities at risk. Papers should be 15-20 pages in length and students should be prepared to provide a 5-10 minute overview in class. Joint projects can be arranged with the instructor and all topics should be cleared with the instructor.

Learning Objectives: At the conclusion of this course, students should be able to

1. Understand the evolution of disaster policy and the practice of emergency management in the US and elsewhere.
 2. Understand the roles of local governments and nonprofit agencies in disaster management, the development of emergency management standards, and the professionalization of the field.
 3. Discuss major policy issues including the comprehensive model of emergency management, the role of the military in disaster operations, state and local capacity building, and the design and implementation of disaster preparedness and hazard mitigation policies and programs.
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Grading:	Midterm Exam	30%
	Final Exam	30%
	Research Project	30%
	Participation	10%
		100% = Course grade

Students should become familiar with University policies regarding plagiarism and academic honesty. Policies are printed in University catalogues and posted on the GSU website www.gsu.edu.

Advising:

Office: 337 Andrew Young School Building
Office Hours: 4:00-6:00 pm, Tuesdays and Wednesdays, and by appointment.
Telephone: 404.413.0119 – office and voice mail
Email: wwaugh@gsu.edu

Tentative List of Topics and In-class Activities

Date	Topic	Readings/Activities
August 20	Introduction to course, From asteroid strikes and gamma Rays to killer bees	“The Water’s Edge” (Video) <i>Disaster Timeline</i> FEMA Higher Education website http://training.fema.gov/emiweb/edu
August 27	The National Emergency Management System	Sylves, Chapters 1 and 2 Waugh/Tierney, Chapters 1 and 2
September 3	The US Emergency Management System continued	Sylves, Chapters 3 and 4 “The Principles of Emergency Management” (handout)
September 10	From Science to Policy	Sylves, Chapter 5 “The Price of Failure” (handout) “The Storm that Drowned a City” (Video)
September 17	Intergovernmental Relations	Sylves, Chapters 6 and 7 Waugh/Tierney, Chapter 4
September 24	Globalization	Sylves, Chapters 8 and 9
October 1	Organizing ICS, UC, MACS, and NIMS	Waugh/Tierney, Chapters 3 and 5 “Mechanisms for Collaboration” (handout)

October 8	Mitigation Earthquakes Floods	Waugh/Tierney, Chapter 6 “Earthquake!” (video) Building code handout
October 15	Planning and Preparedness Natural Hazards–volcanic hazards, Tsunamis, wildfires	Waugh/Tierney, Chapters 7 and 8 USGS websites http://quake.wr.usgs.gov/ http://volcanoes.usgs.gov/
October 22	Disaster Response EMAC, NEMN, and Mutual Assistance Midterm Examination	Waugh/Tierney, Chapters 9 and 10 “Alert 3” (video)–Sioux City crash “EMAC” (handout)
October 29	Disaster Recovery Public health emergencies	Waugh/Tierney, Chapter 11 “Recovery on the Gulf” (handout) “The 1918 Flu Epidemic” (video)
November 5	Legal Issues, Social Vulnerability, and Technology	Waugh/Tierney, Chapters 12-14
November 12	Research Assistance	
November 19	The Future of Emergency Mgt	Waugh/Tierney, Chapters 15 and 16
November 26	Thanksgiving Holiday	
December 3	Conclusion - Student presentations	
December 10 Final Examination and papers due		

NOTE: The class schedule is subject to change. Students are responsible for all changes announced in class and/or communicated via ULearn course webpage.