

31st Annual Natural Hazards Research and Applications Workshop

July 9-12, 2006
Millennium Hotel
Boulder, Colorado

Sunday, July 9

9:45 am - 4 pm
Millennium Lobby

Rocky Mountain Wildfire Field Trip

Participants meet in the lobby of the Millennium Hotel at 9:45 a.m. Buses leave at 10 a.m. sharp. You must have prepurchased your ticket with your registration.

10:15 am - 5 pm
Millennium Lobby

Landslides, Floods, and More Field Trip

Participants meet in the lobby of the Millennium Hotel at 10:15 a.m. Buses leave at 10:30 a.m. sharp. You must have prepurchased your ticket with your registration.

1 - 3 pm
Flagstaff Room

Gender and Disasters Working Group

Anyone interested in gender issues in disasters is welcome to join this meeting. Participants will be discussing initiatives related to gender inequality and disaster risk.

Conveners:

Lori Peek, Colorado State University (PS06-42, R06-21, 30)
Kristina Peterson, University of New Orleans

2 - 5 pm
Millennium Lobby

Natural Hazards Center Library Open House

All participants are invited to visit the Natural Hazards Center's Library collection. With over 29,000 items, the library is one of the largest collections of literature and research devoted to social science aspects of hazards and disasters in the world. A shuttle will run a loop between the Millennium Hotel and the library, located on the University of Colorado campus.

3 - 5 pm
Canyon Room

Health Care Research and Disasters Roundtable

Anyone interested in disasters and health care issues is welcome to join this informal meeting.

Conveners:

Kim Shoaf, UCLA Center for Public Health and Disasters

Sunday, July 9

4 - 7 pm

Sunshine Room

Registration

5 - 7 pm

Millennium/Century Rooms

Poster Session and Ice-Breaker Cash Bar

6 pm

Room 331

Graduate Student Roundtable

All graduate students are invited to attend. Discussion will focus on research opportunities, publishing, networking, and where to have dinner.

Convener:

Sarah Stapleton, Natural Hazards Center

6 pm

Fire Pit

First-Timers Orientation

Is this your first time at the Boulder workshop? If so, please join this short orientation to learn how the workshop is organized and find someone to have dinner with.

Convener:

Lori Peek, Colorado State University (PS06-40, R06-21, 30)

Monday, July 10

7 am - on
Sunshine Room

Registration Continues

8 - 9:15 am
Grand Ballroom

Welcome and Self-Introductions

9:15 - 10 am
Grand Ballroom

Opening Keynote Address

Margareta Wahlström, United Nations Assistant Secretary-General for Humanitarian Affairs

10 - 10:30 am
Gardens

Break

10:30 am - 12 pm
Grand Ballroom

Plenary #1: Recovery after Hurricane Katrina

The scale and scope of the post-Katrina recovery along the Gulf Coast presents enormous and almost paralyzing challenges for community leaders, the private sector, and residents. With the 2006 hurricane season now underway, the recovery is in many places just beginning, reemphasizing the risk that these communities face. This session will take a critical look at how long-term recovery efforts have been planned, implemented, and in some cases neglected, and what it means for future disasters along the Gulf Coast.

Moderator:

Clancy Philipsborn, AMEC Earth and Environmental, Inc.

Discussants:

Paul Farmer, American Planning Association

Shirley Laska, University of New Orleans

Victoria Salinas, FEMA/Gulf Coast Recovery

Gavin Smith, Mississippi Governor's Office of Recovery and Renewal

Recorder:

Inés Pearce, Pearce Global Partners

12 - 1:30 pm
Pavillion

Lunch

If you prepurchased your lunch, your name badge is marked with a **purple** stamp. Please have your badge with you when you go through the line.

Concurrent Sessions:

1:30 - 3 pm
Millennium Room

Leadership in Disasters

Much of the blame for the ineffectual governmental response to Hurricane Katrina fell to senior federal and state officials. Questions concerning the timing of evacuations, whether officials understood the magnitude of the unfolding catastrophe, and the seeming unresponsiveness to requests for assistance all led to the impression that no one was in charge. This session will recommend skills and competencies that should be expected from senior federal and state emergency management officials before they are appointed, confirmed, or hired.

Moderator:

William Massey, Dewberry & Davis (PS06-36)

Discussants:

William Carwile, Naval Postgraduate School

Frances Edwards, San Jose State University (PS06-17)

Richard Rotanz, Nassau County Office of Emergency Management

Stephen Sellers, California Governor's Office of Emergency Services

Recorder:

James Beavers, University of Tennessee

1:30 - 3 pm
Trailridge Room

Effective Mitigation for Landslide Risk

Landslides cause more than 25 fatalities and \$2-3 billion (in 2005 U.S. dollars) in damage annually in the United States. Recent events in Indonesia, the Philippines, and elsewhere have also highlighted the devastating impact of landslides in developing countries. This session will discuss current initiatives and policies that have been developed to mitigate the landslide risk.

Moderator:

Lynn Highland, U.S. Geological Survey

Discussants:

Rob Olshansky, University of Illinois at Urbana-Champaign (PS06-26)

Charles Real, California Geological Survey

Recorder:

Joanna Martin, New Zealand Earthquake Commission

1:30 - 3 pm
Sugarloaf Room

Disaster Mental Health: Policies and Practice

The effects of a disaster can be devastating to many people, even those who are not directly affected by the disaster itself. After the hurricane season of 2005, it is important to reflect upon current practices, especially those being used in Florida and the Gulf Coast region. This session will focus on the current state of long-term mental health treatment made available by practitioners in the field of disaster mental health.

Moderator:

Gilbert Reyes, Fielding Graduate University

Discussants:

Curt Drennen, Colorado Division of Mental Health

David Hutton, Centre of Emergency Preparedness and Response/Public Health
Agency of Canada

Darlene Washington, American Red Cross/Preparedness

Recorder:

Cheryl Childers, Washburn University

Monday, July 10

1:30 - 3 pm
Flagstaff Room

The Urban Evacuation Problem

With the mass evacuation of major metropolitan areas becoming an increasingly severe logistical challenge, evacuation and sheltering strategies will continue to grow as critical pieces of a disaster management plan. Although the mass evacuation of large urban areas remains a relatively rare event, the incidence of large-scale evacuations will increase as urbanization intensifies. A successful evacuation will increasingly be characterized by a complex balance of evacuation notification timing, decisions to initiate traffic contra-flow, the preparation of shelters of last resort, and preplanned evacuee receiving zones. Panelists will explore how some large urban areas are proactively addressing these complex issues.

Moderator:

Janet Benini, U.S. Department of Transportation

Discussants:

Madhu Beriwal, Innovative Emergency Management, Inc.

Hugh Gladwin, Florida International University

Hilary Styron, National Organization on Disability

Brian Wolshon, Louisiana State University (PP06-13)

Recorder:

Elise Miller-Hooks, University of Maryland

1:30 - 3 pm
Canyon Room

Politics of International Disasters: Aid, Conflict, and Dependency

With increasing globalization, a major disaster in one corner of the globe now becomes an international disaster often complicated by national as well as international politics. Examples include the U.S. trade policies that hampered publication of research conducted in Iran following the 2003 Bam earthquake, the internal strife in Sri Lanka and Indonesia that created additional challenges to response and recovery after the 2004 tsunami, and the ongoing conflict between India and Pakistan that has made relief efforts difficult in the wake of the October 2005 earthquake. This session will focus on how the international hazards and disasters community can work around these roadblocks as they conduct research and mitigation, response, and recovery activities in the context of a world where natural disasters are increasing in frequency, impact, and cost.

Moderator:

Carla Prater, Texas A&M University

Discussants:

Allen Clark, Pacific Disaster Center

Emdad Haque, Canadian Risk and Hazards Network

Michael Renner, Worldwatch Institute

Margareta Wahlström, UN/Office of the Coordination of Humanitarian Affairs

Recorder:

Patrick Roberts, Stanford University (PS06-45, R06-22)

3 - 3:30 pm
Gardens

Break

Monday, July 10

New Research and Project Sessions:

3:30 - 4:30 pm
Flagstaff Room

Disaster Risk Reduction Planning: The Story of Marikina City, Philippines

Moderator:

Robert Goldhammer, StormCall, Inc.

Presenters:

Tomás Aguilar, City of Marikina, Philippines

Jim Buika, Pacific Disaster Center (PS06-07)

Haruo Hayashi, Kyoto University

Ken Topping, Topping Associates International (PS06-26, PP06-10)

Recorder:

Wei Choong, Asian Disaster Preparedness Center

3:30 - 4:30 pm
Sugarloaf Room

Advances in Hazards and Disasters Research from Taiwan

Moderator:

Marit Heideman, Simon Fraser University, Canada

Presenters:

Liang-Chun Chen, National Taiwan University (PS06-10)

How to Reduce Disasters in Taiwan

Ben Jong-Dao Jou, National Taiwan University (PS06-28)

Improving the Early Warning and Response System for Typhoons in Taiwan

Wei-Sen Li and Chun-Wen Hsu, National Taiwan University (PS06-10)

Empowering the Capability for Disaster Reduction at Local Levels – Two Practical Projects

Feng-Tyan Lin, National Science and Technology Center for Disaster Reduction

Establishing the Disaster Management Information System in Taiwan (PS06-32)

Recorder:

Kim Galindo, Texas A&M University

3:30 - 4:30 pm
Canyon Room

Quick Response Research in the Wake of Hurricane Katrina

Moderator:

Emmanuel David, University of Colorado at Boulder

Presenters:

David Eisenman, University of California, Los Angeles (R06-07)

Obstacles and Facilitators to Evacuation from Hurricane Katrina

William Fruedenberg, University of California, Santa Barbara

Through Hell and High Water: Learning the Broader Lessons from an Un-Natural Disaster

Megan Underhill, Colorado State University (R06-30)

Resettlement after Disaster: How Katrina Evacuees in Colorado Negotiate a Changed Habitus

Recorder:

Christina Finch, University of South Carolina (PS06-20)

Monday, July 10

3:30 - 4:30 pm
Room 431

National Consortium for the Study of Terrorism and Responses to Terrorism (START)

Moderator:

Judith Colle, DHS/Homeland Security Institute (PS06-11)

Presenters:

Erica Kuligowski, Natural Hazards Center
Kathy Smarick, University of Maryland/START
Sarah Stapleton, Natural Hazards Center

Recorder:

Jeannette Sutton, Natural Hazards Center

3:30 - 4:30 pm
Room 331

Postdisaster Environmental Impact Assessments

Moderator:

Matthew Schmidlein, University of South Carolina (PS06-48)

Presenter:

Charles Kelly, University College London/Benfield Hazard Research Centre

Recorder:

Joselin Landry, DHS/Federal Emergency Management Agency

3:30 - 4:30 pm
Trailridge Room

Research in Hazards by Young Professionals I

Moderator:

Nicole Dash, University of North Texas

Presenters:

Lindsey Barnes, University of Colorado, Colorado Springs
Public Perceptions of Flash Flood False Alarms

Aur lie Brunie, University of North Carolina at Chapel Hill (R06-05)
Community-Based Preparedness: The Role of Social Capital and Middle-Level Institutions

James Goltz, California Governor's Office of Emergency Services
Emotion and Disaster Response: A Sociological Assessment of Fear and Human Behavior during Three Damaging Earthquakes

Recorder:

Mary White, Womens' Environmental Art Directory

4:30 - 4:35 pm

Session Transition

4:35 - 5:35 pm
Sugarloaf Room

New Research and Project Sessions (continued):

Cannon Beach Postdisaster Recovery Planning Initiative

Moderator:

Bruce Glavovic, Massey University, New Zealand (R06-09)

Presenters:

Krista Mitchell, University of Oregon (PS06-40)
Nate Wood, U.S. Geological Survey

Recorder:

Judith Steele, J. Steele Planning Solutions

Monday, July 10

4:35 - 5:35 pm
Flagstaff Room

A Critical Look at the Incident Command System (ICS) and Contemplating Alternatives

Moderator:

Justin Dombrowski, Boulder County Colorado, Office of Emergency Management

Presenters:

Dave Neal, Oklahoma State University (PS06-41)

Gary Webb, Oklahoma State University (PS06-41)

Recorder:

Sophia Liu, Natural Hazards Center

4:35 - 5:35 pm
Room 331

Weather and Society * Integrated Studies (WAS*IS)

Moderator:

Tanja Fransen, NOAA/National Weather Service

Presenter:

Julie Demuth, National Center for Atmospheric Research

Recorder:

Michael Deegan, State University of New York at Albany

4:35 - 5:35 pm
Room 431

New Enhanced Fujita Tornado Scale

Moderator:

Amy Lindsey, Indiana State Department of Homeland Security

Presenter:

Chris Maier, National Oceanic and Atmospheric Administration (PP06-08)

Recorder:

Gina Eosco, American Meteorological Society

4:35 - 5:35 pm
Canyon Room

National Institute for Building Sciences: Savings from Mitigation Study

Moderator:

Linda Borque, University of California, Los Angeles

Presenters:

Ron Eguchi, ImageCat, Inc.

Elliott Mittler, Disaster Research Consultant

Recorder:

Michelle Moses, University of Delaware/Disaster Research Center (PS06-01)

Monday, July 10

4:35 - 5:35 pm
Trailridge Room

Research in Hazards by Young Professionals II

Moderator:

Rory Connell, Innovative Emergency Management, Inc.

Presenters:

Erica Betts, Georgia Institute of Technology

Estimating the Flood Reduction Potential of Isolated Wetlands along the Georgia Coast

Christopher Burton, University of South Carolina

Vulnerability of Oregon Coastal Communities to Tsunami Hazards (PP06-02)

Elizabeth Dunn, University of South Carolina (PP06-05)

Testing the Scale Dependency of the Social Vulnerability Index

Ginni Melton, University of South Carolina (R06-18)

Determining the Accuracy of Storm Surge Assessment Methods

Recorder:

Kirsten Dellinger, University of Mississippi

5:45 - 7:15 pm
Millennium/Century Rooms

Poster Session/Hosted Happy Hour

Take advantage of the casual atmosphere to exchange information, continue discussion of current hazards issues, and meet old and new friends. Complimentary beer, wine, and tasty appetizers will be served.

Tuesday, July 11

7 - 8:15 am
Room 331

GIS and Disasters Roundtable

Join this informal meeting if you are interested in the use of geographic information systems (GIS) for natural hazards management.

Convener:

Leonard Huggins, University of Pittsburgh

8:15 - 9 am
Gardens

Light Continental Breakfast and Coffee

Please enjoy this complementary breakfast of yogurt, pastries, and fruit in the gardens.

9:15 - 10 am
Grand Ballroom

Keynote Address

Patrick Leahy, Acting Director, U.S. Geological Survey

10 am - 12 pm
Grand Ballroom

Plenary #2: Grand Challenges for Disaster Reduction

In 2005, the National Science and Technology Committee's Subcommittee on Disaster Reduction released its *Grand Challenges for Disaster Reduction* report. Outlining six key challenges, the report provides a framework for sustained federal investment in science and technology related to disaster reduction.

Moderator:

Helen Wood, NSTC/Subcommittee on Disaster Reduction and
NOAA/Satellite and Information Service

Panelists:

Grand Challenge #1: Provide Hazard and Disaster Information Where and When It Is Needed
David Applegate, USGS/Earthquake and Geologic Hazards

Grand Challenge #2: Understand the Natural Processes that Produce Hazards
John Gaynor, NOAA/Weather Research Program

Grand Challenge #3: Develop Hazards Mitigation Strategies and Technologies
David Maurstad, FEMA/Mitigation Division

Grand Challenge #4: Recognize and Reduce Vulnerability of Critical Infrastructure
Stuart Nishenko, Pacific Gas and Electric

Grand Challenge #5: Assess Disaster Resilience Using Standard Methods
Gerry Hoetmer, Public Entity Risk Institute

Grand Challenge #6: Promote Risk-Wise Behavior
Dennis Mileti, Natural Hazards Center

Recorders:

Laurie Johnson, Independent Consultant (PS06-26)
Elizabeth Lemersal, U.S. Geological Society

12 - 2 pm
Pavillion

Lunch

If you prepurchased your lunch, your name badge is marked with a **green** stamp. Please have your badge with you when you go through the line.

Tuesday, July 11

1 - 2 pm
Room 331

Director of Disaster Centers Meeting

Directors of hazards and disasters centers are encouraged to attend. Planning, staffing, and funding issues will be discussed. This year's meeting will continue the process of formalizing this group and will explore ways to expand and improve the Hazards and Disasters Researchers' Meeting.

Conveners:

Shirley Laska, University of New Orleans
Walter Peacock, Texas A&M University

Concurrent Sessions:

2 - 3:30 pm
Canyon Room

Disaster Journalism: Roles, Ratings, and Responsibilities

The role of mass media in disasters is a complex one, characterized by conflicting understanding of public service, issues of market share, and access. The media plays an undeniably central role in disseminating information to the public, whether it is "official" messages from government sources or through the conveyance of dramatic images and reporting. This session will feature members of the media, government officials, and academics who will discuss their perspectives and experiences about the media's role in shaping messages about disasters.

Moderator:

Marguerite Moritz, University of Colorado at Boulder

Discussants:

Amanda Ripley, *Time* Magazine
Rebecca Solnit, Independent Consultant
Lee Wilkins, University of Missouri

Recorder:

Steve Olson, Dewberry and Associates

2 - 3:30 pm
Flagstaff Room

Business Survival—Community Survival

Disasters have profound consequences for local and regional economies. When businesses are forced to close or suspend operations, revenue is lost, jobs jeopardized, and community vitality diminished. At least one-fourth of all businesses that close because of a disaster never reopen, making predisaster planning critical for long-term community survival. Panelists will look at how businesses can prepare effectively for disaster and the consequences of a wait and see approach.

Moderator:

Leanna Falkiner, PriceWaterhouseCoopers, LLC

Discussants:

Jeff Baker, ICAT
Charles Reese, Institute for Business & Home Safety
Michael Tarrant, Emergency Management Australia
Gary Webb, Oklahoma State University (PS06-41)

Recorder:

Jamie Kruse, East Carolina University (PS06-31)

2 - 3:30 pm
Sugarloaf Room

Mapping in a Postdisaster Environment

Even a relatively minor disaster can destroy landmarks, remove street signs, or alter coastlines, rendering existing maps obsolete and complicating recovery efforts. New remote sensing technologies can now be closely coupled with geographic information systems (GIS) to develop maps of areas affected by disasters in order to assist in the immediate postimpact relief and recovery efforts. Panelists will discuss the promise of these efforts as well as explore some of the limitations and challenges being faced in the field.

Moderator:

John Pine, Louisiana State University (PS06-44)

Discussants:

Beverley Adams, ImageCat, Inc. (PS06-21, 24, 56)

Jim Buika, Pacific Disaster Center (PS06-07)

Mike Hutt, U.S. Geological Survey

Recorder:

John Carroll, California State University, Fullerton

2 - 3:30 pm
Millennium Room

Toward a Resiliency Index

Resiliency is characterized by the ability to minimize the impact of probable hazards, limit their interruption, and improve capacity of response and recovery from hazardous events. Mitigation activities lead to disaster resistance, which in turn engenders resiliency at various levels in a community. This session will examine how communities and researchers are attempting to measure their disaster resiliency and the challenges that exist in developing a standardized index.

Moderator:

Margaret Davidson, NOAA/Coastal Services Center

Discussants:

Susan Cutter, University of South Carolina (PS06-13)

Walter Peacock, Texas A&M University

David Simpson, University of Louisville

Recorder:

Arleen Hill, University of Memphis (PS06-24,35, PP06-09)

2 - 3:30 pm
Trailridge Room

Evolving Issues in Mitigation Policy

Each disaster or extreme event presents an opportunity to critically evaluate a community's vulnerability to hazards and to implement proactive mitigation policies and programs for the future. From better standards and codes to advisory flood elevations, mitigation has been embraced by the hazards and disasters community worldwide. However, a disconnect between some disaster assistance efforts and programs, such as the National Flood Insurance Program, and progressive hazards mitigation projects has become all too apparent. Panelists will discuss the major issues emerging in the theory and practice of hazards mitigation planning.

Moderator:

Pam Pogue, Rhode Island Emergency Management Agency

Discussants:

Anita Dwyer, Geoscience Australia

Bill Hooke, American Meteorological Society

Rebecca Quinn, Association of State Floodplain Managers

Recorder:

Dean Podolsky, University College London (PS06-24)

3:30 - 4 pm
Gardens

Break

Concurrent Sessions (continued):

4 - 5:30 pm
Millennium Room

Pandemic and What It Means for the Hazards and Disasters Community

Over the past several years, and last year in particular, the threat of a pandemic has become part of the public's disaster consciousness. While many experts agree that the threat is real, effective policies and programs can be developed now to reduce the severity and duration of a potential outbreak. Panelists will discuss what constitutes mitigation in the field of viral public health and what role emergency management can expect to play in reducing the impacts of a pandemic.

Moderator:

Kimberly Shoaf, UCLA Center for Public Health and Disasters

Discussants:

Jennifer Horney, University of North Carolina at Chapel Hill (PS06-25)

Monica Schoch-Spana, UMPC/Center for Biosecurity

Don Shropshire, Canadian Red Cross

Recorder:

Richard Klomp, Centers for Disease Control and Prevention

4 - 5:30 pm
Canyon Room

The Missing Links: What Municipal Managers Need from the Hazards Community

Panelists will discuss what they and their constituencies need from the hazards and disasters community to plan, implement, and respond effectively to natural hazards and security challenges. They will also address how they believe research can be made more accessible to practitioners and what issues they frequently face in developing disaster management strategies.

Moderator:

William Waugh, Georgia State University

Discussants:

Sam Mamet, Colorado League of Municipalities

Mark Ruzzin, City of Boulder, Colorado

Marg Verbeek, International Association of Emergency Managers

Recorder:

Joanne Nigg, University of Delaware/Disaster Research Center

4 - 5:30 pm
Flagstaff Room

The Carrot or the Stick: Encouraging Climate Adaptive Strategies at the Local Level

In communities around the world, local leaders are proactively addressing the threats of global climate change. Often in the absence of strong national leadership, local communities have been at the forefront of developing innovative climate adaptive strategies and implementing risk-wise incentive programs. Panelists will explore some of these emerging tools and discuss how disaster risk management can be more effectively integrated into the policies and practice of local climate adaptation.

Moderator:

Koko Warner, United Nations University (PS06-55)

Discussants:

Sam Brody, Texas A&M University (R06-04)

Ian Burton, Meteorological Service of Canada

Ilan Kelman, National Center for Atmospheric Research (PS06-29, R06-15, 16)

Recorder:

Sonia McManus, University of Canterbury, New Zealand (PS06-39)

4 - 5:30 pm
Sugarloaf Room

Amenity Migration and Risk Management

Amenity migration, a global trend of community expansion into areas of scenic beauty to enhance individuals' quality of life, is a major factor in the proliferation of development and population growth in the wildland-urban interface. Many of the fastest-growing states in the United States for instance are those located in the dry, fire-adapted forests of the West, but few policies or programs have sought to address this alarming trend. This session will explore what steps local governments and communities are taking to reduce wildfire risk and how communities are working to improve homeowner responsibility in the face of rapid population growth and development in high risk areas.

Moderator:

Jim Schwab, American Planning Association

Discussants:

John Handmer, RMIT University, Australia (PS06-02)

Michele Steinberg, National Fire Protection Association/Firewise Communities Program

Lincoln Walther, Continental Shelf Associates (PP06-12)

Recorder:

Julie Baxter, Natural Hazards Center

4 - 5:30 pm
Trailridge Room

Understanding Poverty for Effective Emergency Management

The poor are often disproportionately impacted by disaster. With few resources and often inadequate access to transportation, disasters can easily cause disruption to family income, employment, and social networks. While poverty is well understood as an underlying contributor to vulnerability, emergency management often falls short of addressing the needs of this at-risk segment of the population. This session will address the challenges and changes needed to understand and attend to poverty in emergency management.

Moderator:

Elaine Enarson, Brandon University, Canada (PS06-42)

Discussants:

Kelly Fitzgerald, University of Massachusetts at Boston

Kristina Peterson, University of New Orleans

Randy Rowel, American Red Cross

Recorder:

Betty Morrow, SocResearch Miami

6 - 9 pm
Lobby

BBQ—National Center for Atmospheric Research, Mesa Lab

The BBQ will be held at the Mesa Lab of the National Center for Atmospheric Research (NCAR), high above Boulder Valley. Dress is casual and sturdy walking shoes are recommended. If you prepurchased a ticket, your name badge is marked with a **red** stamp.

The NCAR lobby and gift shop will be open. Browse the fun interpretive weather-related displays and walk the self-guided interpretive tour along the mesa.

Please board buses in front of the Millennium Hotel at 6:00 p.m. The last bus will leave NCAR at 9:00 p.m. Maps are available at the registration desk if you choose to drive.

Wednesday, July 12

7 - 8:20 am
Millennium Room

Gender and Disasters Roundtable

All workshop participants are invited to attend this meeting, which will offer the opportunity for networking among those interested in gender issues in disasters.

Conveners:

Lori Peek, Colorado State University (PS06-42, R06-21, 30)
Kristina Peterson, University of New Orleans

Concurrent Sessions:

8:30 - 10 am
Century Room

Asian Tsunami Update Session

Eighteen months after the tsunami that devastated communities across South Asia, recovery continues, but the long-term consequences of the catastrophic event are in some cases just beginning to emerge. Panelists will share their recent experiences and research from the impacted area and discuss the future challenges and opportunities for adopting risk-wise strategies and policies.

Moderator:

Sharon Mielbrecht, Pacific Disaster Center (PS06-07)

Discussants:

Thomas Birkland, National Science Foundation
Philip Berke, University of North Carolina at Chapel Hill (R06-03)
Elina Palm, United Nations Office of the Special Envoy for Tsunami Recovery

Recorder:

Lori Dengler, Humboldt State University (PS06-14)

8:30 - 10 am
Flagstaff Room

Practicing Emergency Management in Institutions of Higher Education

In the last decade, disasters have impacted university and college campuses with increasing frequency, imposing monetary losses and disruption of institutional teaching, research, and public service missions. As a result, many U.S. colleges and universities have established their own emergency management offices and departments. Panelists will discuss what support programs are available to colleges and universities and identify gaps in resources and future challenges.

Moderator:

Sylvia Dane, University of Colorado at Boulder

Disussants:

Bill Galle, University of New Orleans (PP06-06)
Jennifer Holt, James Lee Witt and Associates
Elenka Jarolimek, University of Washington Office of Emergency Management

Recorder:

Craig Grant, University of Illinois at Urbana-Champaign

Wednesday, July 12

8:30 - 10 am
Canyon Room

Disaster Response and the Military

After Hurricane Katrina, the military's role in disaster response in the United States has become a significant topic of debate in the hazards and disasters community and among the general public. Although the military often plays a prominent and familiar role through U.S. Army Corps of Engineers projects and the periodic deployment of the U.S. National Guard, expanded, federalized management of extreme events is a significant departure from current practice worthy of discussion and deliberation.

Moderator:

Christine Bevc, Natural Hazards Center (PS06-08)

Discussants:

Bruce Baughman, Alabama Emergency Management Agency
Richard Chavez, DOD/Office of the Secretary of Defense
Gregory Huckabee, University of South Dakota
Tammy Little, National Emergency Management Association
Mark Roupas, DOD/Office of the Secretary of Defense

Recorder:

Geraldine Coyle, U.S. Department of Veterans Affairs

8:30 - 10 am
Millennium Room

Legal Issues in Disaster Management: Eminent Domain

One of the most powerful, if not controversial, legal tools available to governments is the use of eminent domain. Although its use for disaster mitigation has been limited because of the potential political fallout and high cost, new U.S. Supreme Court rulings and a complex Gulf Coast reconstruction may pave the way for its increased use. Panelists will discuss whether eminent domain can (or should) be used more effectively for hazards mitigation.

Moderator:

John Nolon, Pace University School of Law

Discussants:

Robert Kull, Burlington County Division of Planning, New Jersey
Bill Nicholson, North Carolina Central University
Ed Thomas, Michael Baker Corp.

Recorder:

Rhonda Montgomery, State of Kansas

8:30 - 10 am
Trailridge Room

Preparing the Public: Earthquake Education and Building Local Capacity

One hundred years after the San Francisco earthquake, communities around the world, from megacities to isolated rural hamlets, remain vulnerable and often unprepared for a catastrophic quake. With earthquake mitigation requiring a multifaceted and complex strategy, a central piece to any successful effort is a robust and proactive public education and capacity building campaign.

Moderator:

Sarah Nathe, University of California, Berkeley

Discussants:

Arrietta Chakos, City of Berkeley, California (PP06-03)
Richard Eisner, California Governor's Office of Emergency Services
N. Emel Ganapati, University of Miami (R06-08)
David Johnston, Institute of Geological and Nuclear Sciences, New Zealand (PS06-27, R06-12, 13)

Recorder:

Rebekah Green, Earth Institute at Columbia University (R06-10, 11)

Wednesday, July 12

10 - 10:30 am
Gardens

Break

10:30 am - 12 pm
Grand Ballroom

Plenary #3: The State of Federal Emergency Management

The last five years have seen a dramatic change in the structure and focus of the federal government's emergency management efforts. The advent of the U.S. Department of Homeland Security (DHS); the development of the National Response Plan; a reorganization of the government's primary disaster management agency, the Federal Emergency Management Agency; and the creation of a preparedness directorate at DHS, among many other changes, have altered how emergency management is conducted in the United States in profound, and in many cases, unknown ways. Panelists will address what specific challenges they believe exist in navigating these new policies and institutions to effectively implement progressive, all-hazards emergency management.

Moderator:

Claire Rubin, Claire B. Rubin and Associates

Discussants:

Michael Brown, Michael D. Brown and Associates

Craig Fugate, Florida Division of Emergency Management

Eric Holdeman, King County, Washington, Office of Emergency Management

Robert Zitz, DHS/Preparedness Directorate

Recorder:

Ernest Abbott, FEMA Law Associates

12 - 12:30 pm
Grand Ballroom

Closing Remarks

Kathleen Tierney, Natural Hazards Center

6 pm
Millennium Room

Hazards and Disasters Researchers Meeting Begins

A separate registration is required. A detailed agenda will be provided to registrants.