

CONFERENCE PROGRAM



<https://sites.google.com/site/tiemsusa/>

The International Emergency Management Society's 2014 USA Conference

CONFERENCE THEME

Global Response for Capacity Building of Disaster Preparedness

CONFERENCE DATES & VENUE

July 21 – 23, 2014

University of Southern Mississippi, Hattiesburg, Mississippi, USA

Sponsored and Supported by:



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BACKGROUND

Time and again, the international emergency management community has come together to provide aid when a disaster or catastrophic event has overwhelmed local, state or national resources. The need for this often occurs because developing nations are the most vulnerable, due to geography and economics. For example, between January 1980 and July 2013, 51 percent of deaths due to climate-related disasters occurred in the world's 49 least developed countries, which represent only 12 percent of the world's population (Ciplet, 2013). However, this problem affects all of us. Beyond humanitarian responsibility, our interconnected global community cannot escape broader economic, social, and political impacts.

And even the developed world is not immune to disaster and the need for international assistance. In recent years, the United States has experienced Hurricanes Katrina and Sandy, numerous tornado





outbreaks, and the tragedy of terrorist acts such as the Boston Marathon bombing, reminding all of us that international cooperation and coordination benefits the needs of our families and loved ones, no matter where they live.

Benjamin Franklin once said, “An ounce of prevention is worth a pound of cure.” While international aid to disaster-stricken communities is an admirable humanitarian response, coming together to build more global **resiliency** would do even more. In addition to saving more lives, scarce resources would go further – a typical estimate is that investing one dollar in disaster resiliency saves three or four in disaster response (Surowiecki, 2012). An important way the international community can improve global resilience is by sharing knowledge and experience, and by providing training in core competencies to reduce loss of life and minimize damage during and following disaster. This theme is at the heart of the conference.

CONFERENCE GOAL

The goal of this conference is to bring together members of the emergency and disaster management community to discuss research, initiatives, and experiences directed toward more effective international collaboration in preparedness and response. Topics considered include:

- Educational initiatives to share lessons and best practices, establish standards, and improve capabilities across the international emergency management community
- Knowledge bases to support international emergency management and response
- Use of social media, virtual reality, and other new technologies to improve international emergency preparedness and response
- Case histories and lessons learned from international preparedness and response activities
- Analyses of the effects of international climate, economics, and policies on emergency vulnerability, preparedness, and response.

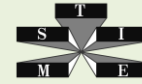
TIEMS INTERNATIONAL EMERGENCY MANAGEMENT EDUCATIONAL PROGRAM

A special session at the conference will be devoted to the TIEMS International Emergency Management Educational Program. There is an increasing interest and need for structured and consistent disaster management education of first responders and emergency managers. Vast experience is possessed by all nations. Such an intense international academic undertaking is possible through TIEMS due to its reputation, its membership, and the expertise it represents. Despite the wide range of countries, cultures, and languages, a common platform exists for emergency management. TIEMS concept is based on cooperation with international experts and expert organizations worldwide such that the best ideas, best training and best practices worldwide are represented. Universities and Training Institutions around the world are invited to join us in program development, and can be certified to run specific courses and training.

TIEMS USA CHAPTER

At this conference we will establish a USA Chapter of TIEMS. Although TIEMS was founded in Washington, D.C. in 1993, and US members have always played a key role in TIEMS, there has not been a local USA Chapter. Establishing a local chapter will help better connect the substantial USA emergency management community with TIEMS international work. If you live in the USA, by attending this conference you will become a member of the newly established Chapter. At the conference you will have the unique opportunity to participate in the first Chapter meeting, and help shape the future of TIEMS in the USA and worldwide.





CONFERENCE KEYNOTES



TIEMS President, K. Harald Drager (Norway). Keynote Speech: ***TIEMS Worldwide Operation and Activities towards Resilient Societies.*** Mr. Drager is Managing Director of QUASAR Invest AS, a consultancy in global safety, emergency and disaster management. He has extensive international experience with the World Bank, NATO, and the European Commission. He is a founder and current President of TIEMS.



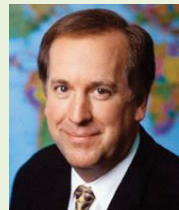
Dr. QU Guosheng (China). Keynote Speech: ***The Third Worlds Needs in Disaster Preparedness: What can USA Organizations, Institutions and Industry Provide?*** Dr. QU is Professor, and Deputy Director of S&T Committee of the National Earthquake Response Support Service (NERSS) in China, Deputy General Team Leader of China International Search and Rescue Team (CISAR), Director of Digital Disaster Mitigation and Emergency Management Research Centre, IDC, Peking University. He is the current Vice President of TIEMS.



Kay Goss (USA). Keynote Speech: ***The Big Ten: Ten Major Changes in Emergency Management in Last Ten Years and Ten Major Changes to Come in Next Ten Years.*** Founding president and CEO for World Disaster Management; former associate FEMA director in charge of national preparedness, training, and exercises for President Bill Clinton.

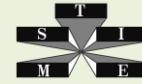


Lieutenant Colonel Martin Thomsen (Denmark). Keynote Speech: ***Standard Operating Procedures for the International Relief Effort.*** Deputy Head of the College at the Danish Emergency Management Agency; Member of the UN Office for the Coordination of Humanitarian Affairs and Disaster Assessment and Coordination Team; Chairman, Sahana Software Foundation, using information technology to save lives in emergencies.



Brent H. Woodworth (USA). Keynote Speech: ***Man Vs. Disaster: Global Crisis Events and Community Resilience Initiatives in the USA.*** President and CEO, Los Angeles Emergency Preparedness Foundation; founder and manager of the international Crisis Response Team; Chairman Emeritus Sahana Software Foundation; Worldwide Segment Manager for the IBM Crisis Response Team





PROGRAM

Monday 21st July

Emergency Management and the Third World's Needs

0800 – 0900 On-Site Registration

0900 – 1215 Day One Morning

Keynote: TIEMS President K. Harald Drager (Norway) - *TIEMS Worldwide Operation and Activities towards Resilient Societies*

Thomas R Stahr, Environmental Resources Management, Inc. (USA) – *Overcoming Systematic Barriers to Efficient Recovery*

Georgios Marios Karagiannis, Kelly Saini, and Costas Synolakis, Technical University of Crete/General Secretariat for Civil Protection (Greece) – *Lessons from the First European Union Tsunami Simulation Exercise*

Byun-Wan Jo, Mi-Yun Park, Mi-Na Kim, Gene-Nuck Lee, Jong-Jin Mun, and Jun-Shik Park, Han-Yang University, S.H. Tech and Policy Institute (Korea) – *A Methodological Study on the Development of a Categorization System for Safety Standards*

1215 – 1330 Lunch

1330 – 1700 Day One Afternoon

Keynote: TIEMS Vice President QU Guosheng (China) - *The Third World's Needs in Disaster Preparedness – What can USA Organizations, Institutions and Industry Provide?*

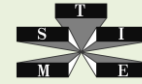
Connie White, University of Southern Mississippi (USA) – *Disaster Management Systems: Building Capacity for Developing Countries and the Most Vulnerable Among Us*

Susan Smith, Indiana School of Public Health (USA) – *Emergency Preparedness Challenges Facing Nursing Homes in Rural Regions of the U.S.A.*

1530 - 1700 TIEMS USA Chapter Meeting

1800 - 2000 Reception at Georgia Blue (www.georgiablue.net) 4404 Hardy Street, Hattiesburg, MS (601)620-4248 (across the street from the Hampton Inn Hattiesburg).





Tuesday 22nd July

Emergency Management Methods and Challenges

0900 – 1200 Day Two Morning

Keynote: Former Associate FEMA Director Kay Goss (USA) - *The Big Ten: Ten Major Changes in Emergency Management in Last Ten Years and Ten Major Changes to Come in Next Ten Years*

Gunnar Lillebo, Assist-Advice AS (Norway) – *Transferring Experience in Ordinary Work and from Catastrophes*

Thomas Robertson, Thinking Teams (USA) – *A Survey of Virtual Simulation Technologies for Emergency Management*

Marek Sadowski, Robotics Inventions (Poland) – *The Robot Swarm Control System for Risky Intervention and Surveillance of the Environment (RISE)*

1200 – 1330 Lunch

1330 – 1530 Day Two Afternoon

Keynote: Chairman, Sahana Software Foundation, LtCol Martin Thomsen (Denmark) – *Standard Operating Procedures for the International Relief Effort*

1430 – 1530 Keynotes Panel with Q & A

1600 – 2200 Tour to New Orleans

Wednesday 23rd July

Educational Solutions for Building Disaster Preparedness

0900 – 1200 Day Three Morning

Keynote: President and CEO, Los Angeles Emergency Preparedness Foundation, Brent Woodworth, (USA) – *Man Vs. Disaster: Global Crisis Events and Community Resilience Initiatives in the USA*

James Hagen, Saint Xavier University (USA) – *Core Competencies in Global Emergency Management: The Role of the Nurse in Community Preparedness and Response*

Britt-Marie Drottz-Sjoberg, NTNU (Norway) – *Utilizing Experience from Theoretical and Applied Fields*

Joseph Pollack, Crisis Training (USA/Norway) – *What Can We Expect from High-Tech Training ? Practice, Trends, Policy, and Technology in Inter-Agency Exercising in Europe*

Michael Martinet, The Martinet Group, LLC (USA) – *A Failing Grade: The Education Sector and Disaster Cost Recovery*

1200 – 1330 Lunch

1330 – 1600 Day Three Afternoon

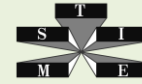
Thomas Robertson, Thinking Teams (USA) – *Self-Governance, Communities of Practice, and Resilience*

1400 – 1500 Roundtable Discussion of Qualifications in International Disaster and Emergency Management (QIEDM)

1500 – 1600 Panel Debate with Q & A, Summing up and Conclusions

1600 End of Conference





CONFERENCE VENUE



Conference sessions will take place in Room 214-218 at the Thad Cochran Center, 118 College Drive, on the University of Southern Mississippi campus in Hattiesburg, MS. Hattiesburg is called the Hub City, being conveniently located between New Orleans, Biloxi, Mobile, Alabama, and the state capital, Jackson. Disasters are no stranger to this area - in 2005, powerful Hurricane Katrina made landfall in Waveland Mississippi, heavily damaging both the Gulf Coast and New Orleans. For our conference, we have arranged an optional field trip to New Orleans, only 1.5 hours from Hattiesburg. Members will ride in a comfortable bus to view areas still showing the effects of Katrina, and then we will be dropped off at Jackson Square in the city to enjoy a couple of hours in the French Quarter and surrounding areas.

ACCOMMODATIONS

The Hampton Inn Hattiesburg, 4301 Hardy St, Hattiesburg, MS (601)264-8080 offers special room rates of \$89/night to conference participants when you book your room by **July 6**. After July 6, rates and rooms are subject to availability. Rooms with two double beds or single king beds are available. Please use the code **IEM** when making your hotel reservations by phone or if making your reservations on-line. The hotel is less than two miles from the conference center. The hotel serves breakfast (although we have breakfast at the conference), free WiFi, free parking, free 24 hour coffee bar, work-out facility and a pool. It is also within walking distance of numerous restaurants, a convenience store, and it is across the street from an indoor shopping Mall.

TRAVEL

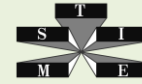
Although most will fly through Atlanta, Georgia when arriving, the last leg of the flight could be to any of the following airports. The airport codes and driving times to the conference center are:

- New Orleans, LA (MSY); 2 hrs 5 min
- Jackson, MS (JAN); 1 hr 51 min
- Mobile, AL (MOB); 1 hr 40 min.

There is a local airport, but it can be relatively expensive - (PIB) <http://www.flypib.com/>.

Non-US persons may need to apply for a visa to attend the conference. If you need a visa, you will need to obtain one from the US Embassy Consular Section in your country. How to obtain a visa is described at <http://travel.state.gov/content/visas/english.html> . If you need a visa, we recommend you start the process right away, as it can take several months.





If your country is listed as part of the Visa Waiver Program (VWP), you may not need a visa. (You will, however, require a machine-readable passport.) A list of countries participating in the VWP can be found here: <http://travel.state.gov/content/visas/english/visit/visa-waiver-program.html>.

CONFERENCE REGISTRATION

Register for the conference through the conference website (<https://sites.google.com/site/tiemsusa/>), or on-site 0800-0900 Monday, July 21. The following fees apply:

Time of Payment	Conference fee Regulars		Conference fee Students	
	Non TIEMS Members	TIEMS Members	Non TIEMS Members	TIEMS Members
Early Bird Before 15 th March, 2014	400US\$	300US\$	300US\$	250US\$
Normal 16 th March – 15 th May, 2014	450US\$	350US\$	330US\$	300US\$
Late 16 th May - 20 th July 2014	500US\$	400US\$	380US\$	350US\$
At Conference 21 – 23 July 2014	550US\$	450US\$	430US\$	400US\$
Sponsors & Exhibitors	<i>Contact connie.m.white@gmail.com</i>			

Conference registration includes:

- **One-year TIEMS membership**
- Conference program
- Attendance at all conference sessions
- Breakfast, lunch, and coffee breaks
- Welcome Reception and New Orleans field trip
- Abstracts and full papers of presentations in conference proceedings.

Cancellation and refunds policy: we will refund the registration fee for the main conference up to one month before the conference. If attendance is not possible because a visa is not obtained, we will refund the registration fee minus a 15% administrative charge, for cancellation at any time before the conference.

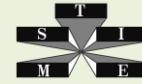
CONFERENCE CONTACTS

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THE INTERNATIONAL EMERGENCY MANAGEMENT SOCIETY – TIEMS

TIEMS (<http://tiems.info/>) was established in 1993 in Washington DC and provides a platform for all stakeholders within the global emergency and disaster management community to meet, network and learn about best practices as well as new technical and operational methodologies. In 2013, TIEMS sponsored ten conferences and workshops worldwide, attended by members from more than 30 countries. This USA conference will mark the establishment of a TIEMS USA Chapter. By drawing on the vast experience, knowledge and expertise of all nations, TIEMS works to improve the global community's ability to avoid, mitigate, respond to, and recover from natural and man-made disasters. While shared international experience benefits the preparedness of all nations, TIEMS particularly seeks to apply this experience to the benefit of the most vulnerable among us.

THE UNIVERSITY OF SOUTHERN MISSISSIPPI

Founded in 1910, The University of Southern Mississippi is a comprehensive doctoral and research-driven university with a proud history and an eye on the future. In just 100 years, we've grown from a small teachers' college into a premier research university that is a haven for the arts with a tradition of success in both academics and athletics. Southern Miss has a diverse student body of approximately 17,000 students from 56 different countries, all 50 states and every corner of Mississippi. We offer undergraduate and graduate degree programs in six degree-granting colleges with more than 180 degree programs. A dual-campus university, Southern Miss serves students on campuses in Hattiesburg and Long Beach, in addition to six teaching and research sites in Mississippi. Characterized by history and tradition, the Hattiesburg campus sits on 300 acres in the heart of the Pine Belt. More than 180 buildings dot a landscape that has been transformed into a pedestrian-friendly environment for students, employees and visitors.

WELCOME TO HATTIESBURG!

This conference provides a unique opportunity in the US to connect with the international emergency management community. Political and administrative decision makers, academics, researchers, risk management specialists, industry representatives, authorities, the insurance industry and others with interest in participating in or learning from international emergency management will benefit from participating. We hope you enjoy the hospitality of the beautiful South, and joining us to learn and work together toward safer, more resilient societies throughout the world!

References

Ciplet, D. e. (2013). *A Burden to Share? Addressing unequal climate impacts in the Least Developed Countries*. London: The International Institute for Environment and Development.

Surowiecki, J. (2012, December). Disaster Economics. *The New Yorker* .

