

# DISASTERCOM

DERA Newsletter

44 Years of Service

December 2006



## **Annual Membership Meeting & Strategic Planning for 2007 Operations** **February 11, 2007 - Orlando, Florida**

DERA will hold its Annual Membership Meeting on the final day of the International Disaster Management Conference in Orlando, February 11, 2007. Theme of the meeting will be "Strategic Planning for Emergency Management," and will include presentations on successful techniques for strategic planning, followed by an interactive workshop on charting the future course for DERA.

**All DERA members and as well as other attendees at the conference are invited to attend. There is no charge or registration fee for DERA members to attend the annual meeting and planning session, which will run from 1:00 to 5:00 p.m. on Sunday, February 11, at the Rosen Centre on International Drive in Orlando, Florida.**

The DERA session will be conducted on the final afternoon of the 27th Annual International Disaster Management Conference, hosted by our program partner, the nonprofit Emergency Medicine Learning & Resource Center (EMLRC).

DERA members were recently mailed a full conference brochure for the four-day conference which will cover all aspects of disaster preparedness, response and recovery. There is a conference registration fee for those attending the general sessions and pre-conference training classes, but attendance at the DERA session on Sunday is absolutely free for DERA members, whether or not they have attended the full conference.

DERA highly encourages attendance at the International Disaster Management Conference, as it is a premier event with world-class presentations by leading experts in their fields. For more information, please contact EMLRC at 1-800-766-6335 or 407-281-7396 or visit their website: [www.emlrc.org](http://www.emlrc.org)

While there is no charge for DERA members to attend the Sunday afternoon meeting and planning session, we do ask that you register as soon as possible so that we can properly accommodate you. You may register for the DERA session by sending an email to [attend@disasters.org](mailto:attend@disasters.org)

*(See Page 7 for more information)*

## **December Tornadoes**

A series of F2 Christmas tornadoes, spawned by an aggressive line of thunderstorms has done extensive damage to the Daytona Beach International Airport, and most specifically, to at least 50 of some 65 aircraft reported by officials at Embry-Riddle Aeronautical University. Over a dozen separate aircraft appear to be mangled beyond repair... several that fit the description of having "been rolled up into a ball." It is hard to count how many aircraft are destroyed as several appear to have been rolled into and through each other. Initial damage estimates at the university alone are in excess of 60 million dollars with only about 40 million covered by insurance. 80 homes in the area were completely destroyed and 61 severely damaged in Volusia County alone.

*(See page 5 for more information)*



DisasterCom is the quarterly newsletter of DERA International. News items and articles are always welcome.

ISSN 1521-1592

Editor: Catherine Lawhun

Membership in this Nonprofit Association is open to all who share our commitment to effective disaster preparedness and response.

See Back Page for Membership Application

The Disaster Preparedness and Emergency Response Association, International

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## DERA International

P.O. Box 797  
Longmont, CO 80502

DERA is a Nonprofit, U.S. IRS 501(c)(3)  
Disaster Service and Professional Association  
Established in 1962  
Incorporated in the State of Wisconsin.  
Newsletter ISSN 1521-1592.

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### *From Your*

## **Editor's desk**

Join Us!!!! At our Annual Meeting and Strategic Planning Session February 11<sup>th</sup> in one of the most renowned and lavish conference facilities in the world. The Rosen Plaza, Orlando, is easily accessed by an international airport and there is every kind of amusing attraction, restaurant and shopping within walking distance. Universal Studios, Disney, Epcot, Sea World, and Kennedy Space Center are all well worth exploring. Also running concurrently is the Orlando Hamcation at the Central Florida Fairgrounds. [www.hamcation.com](http://www.hamcation.com)

Although there is **no charge** to our DERA members to attend the DERA meetings, we are proud to be a part of a conference that has a highly accredited course list. The International Disaster Management Conference program offers up to 25 CEU's for various groups. It is our hope that you will take advantage of these excellent offerings. Registration for the conference is \$350 until January 8<sup>th</sup>. Or you can register for a single day for only \$175. See the enclosed advertisement for more information or visit <http://www.emlrc.org>

We want to bring the DERA membership together to recognize everyone's willing service, and strategize on where we want DERA to go in the coming year. We need your input to help further develop DERA as an organization steered by its members that reflects your interests and priorities. Please make an effort to attend our meetings and workshops this year. This is YOUR organization!!! Come and join us and

- Meet officers & fellow members
- Introduce your goals and programs
- Help plan our forward strategies
- Meet with affiliate organizations
- Exercise various communications interoperability issues with multiple response and relief organizations.
- Lounge by the Pool in sunny Florida in February.....



I look forward to seeing you there.

-Catherine Lawhun

## **Digital Geographic Data Program Grants**

December 4, 2006 -- USGS and the Federal Geographic Data Committee (FGDC) formally announced their request for proposals to support the 2007 National Spatial Data Infrastructure (NSDI) Cooperative Agreements Program (CAP). With a total of \$1.2 million spread across five categories, the 2007 NSDI CAP will fund an estimated 26 innovative projects in the geospatial data community. Each project aims to build new and improve existing and infrastructure necessary to effectively discover, access, share, manage and use digital geographic data.

To date the NSDI CAP awards have created collaborations at all levels of government, provided seed money to enable geospatial organizations to participate in national effort to implement the NSDI, promoted the development of standardized metadata in hundreds of organizations, and funded numerous implementations of OpenGIS Web Mapping Services and Web Feature Services. The twelve years of CAP awards have played a substantial role in promoting and disseminating the tenets of the NSDI to thousands of practitioners.

Awards are scheduled to be announced by USGS/FGDC contracts officer in March 2007. More information is available at: [www.fgdc.gov/grants/2007CAP](http://www.fgdc.gov/grants/2007CAP)



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# SALVATION ARMY BRINGS RELIEF in the PHILIPPINES

Monday, December 11, 2006

Tens of thousands of people in the Philippines and Vietnam are spending the holidays in temporary shelters, following a series of deadly typhoons over the past few months, which caused major destruction in South East Asia.

The International Federation of Red Cross and Red Crescent Societies is appealing for emergency funds to assist vulnerable storm survivors in both countries.

In Vietnam, around 200,000 homes were damaged when Typhoon Durian slammed into the Mekong Delta in early December. Meanwhile, Durian damaged more than 300,000 homes in the Philippines, while Typhoon Utor, which struck the country on 10 December, destroyed another 10,000 houses.

An estimated 120,000 people are still living in evacuation centers in the Philippines' hard-hit region of Albay.

## SALVATION ARMY RESPONDS TO TYPHOON DURIAN IN PHILIPPINES

The Salvation Army in the Philippines is assisting people affected by Typhoon Durian which caused massive damage to the island country and claimed more than 1,000 lives. Salvation Army leaders met with emergency disaster services officials to assess needs. Initially, The Salvation Army has been providing food and other basic necessities to 1,500 families in the Legaspi region and will continue to offer ongoing aid.

Major Emma Obugan, a Salvation Army officer (pastor) in the region, had to be rescued after her home and the local Salvation Army building were submerged in six feet of water. After five hours, men swam to her aid and brought her to safety. Though Major Obugan lost almost all her personal possessions in the flood, she is busy helping others trying to recover from the devastating typhoon.

The Salvation Army is continuing to meet with local authorities to determine what additional support the organization can provide.

The Salvation Army also is working on long-term relief plans to help people begin to rebuild and repair homes and communities.

## Special Thanks For Exceptional Service

Throughout 2006, DERA members continued to provide exceptional service to the profession and to those in need.

While countless members have distinguished themselves through dedicated service, the DERA Board of Trustees would like to recognize the contributions of several members who have gone above and beyond the call of duty in the service of our organization, and whose efforts have been critical to the success of our mission in 2006.

First of all, the directors and program coordinators listed in the masthead on page two have contributed their time and efforts without compensation throughout the year. We owe them all a considerable debt of gratitude. It's also with mixed emotions that we note that **Lynn Lucchetti, Colonel USAF (Ret)** has retired from our Board of Directors after serving for over eight years. While Lynn plans to remain an active member, we will all miss her leadership on the Board.

Much of what we accomplished in 2006 is due to the incredible work of our Director of Operations, **Catherine Lawhun**, who also serves as our newsletter editor. Catherine has chaired workshops, represented DERA at international conferences, negotiated partnership agreements, directed disaster response operations, managed all our field teams, and edited the quarterly newsletter, all while managing her own business, directing a large and very active charity, and coping with serious illness in her immediate family.

The following members voluntarily stepped forward to assist us with funding and management of critical mission projects. Without them, we could not have succeeded. Special thanks to:

**Johnson Awe**  
**Claude Baker**  
**Vicki S. Coyle, RN, MA, CNOR**  
**Jeanne Dunlevy Culpepper**  
**James R. Hoogesteger, P.E.**  
**David and Gaynell Larsen**  
**Salvatore Meloro**  
**Howard F. Pierpont**  
**Anthony J. Pizzi**  
**Stefan Pollack**  
**Stephen S. Wade**  
**Carl Weirich**  
**Dr. Nicholas P. Williams**

And thanks to all our members for their continued membership and support.



## New Member Roster

**Jeffrey Sauers**  
*Westfield, NJ*  
**Dr. Cincy C. Combs**  
*Charlotte, NC*  
**Dan A. Niederman**  
*Apopka, FL*  
**Jody Zorsch**  
*Sunbright, TN*  
**Larry Sides**  
*Lafayette, LA*  
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*San Diego, CA*  
**Don Banks**  
*Bushnell, FL*  
**Rod D. Lowell, Sr.**  
*Clarksville, TN*  
**Timothy G. Stetson**  
*Enosburg Falls, VT*  
**Nathaniel Patterson**  
*Lexington, SC*  
**Carl Weirich**  
*Winter Garden, FL*  
**Michael R. Lewis, MSCJA**  
*Parma, OH*  
**David Subil**  
*Coleman, FL*  
**Terry L. Ostrander, MA, LCPC**  
*Batavia, IL*  
**Charles Borchini**  
*Kissimmee, FL*  
**Johnson Bamidele Awe**  
*Muscat, Oman*  
**Dr. RMS Haripurnomo**  
**Kushadiwijaya**  
*Yogyakarta, Indonesia*  
**Chatchay Thaikla**  
*Samutpakam, Thailand*  
**Mohammed Asfandeyar Niazi**  
*Manchester, England*

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### Welcome to DERA!

*It is our sincere aim to help you  
achieve your professional and personal goals*

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## REMINDER: 2007 DUES

Renewal dues for 2007 are now due!  
You may renew online at:  
[www.disasters.org/renew.htm](http://www.disasters.org/renew.htm)

# EIIP Virtual Forum Presentation - NIMS National Credentialing System

December 13, 2006

For ease of ordering and tracking, response assets need to be categorized via resource typing. Resource typing is the categorization and description of resources that are commonly exchanged in disasters via mutual aid, by capacity and/or capability. Through resource typing, disciplines examine resources and identify the capabilities of a resource's components (i.e., personnel, equipment, training).

During a disaster, an emergency manager knows what capability a resource needs to have to respond efficiently and effectively. Resource typing definitions will help define resource capabilities for ease of ordering and mobilization during a disaster. As a result of the resource typing process, a resource's capability is readily defined and an emergency manager is able to effectively and efficiently request and receive resources through mutual aid during times of disaster.

NIMS define credentialing as referring to the National Resource Typing Definitions that involves personnel and teams (i.e. as equipment would need credentialing). As part of our nation's efforts to strengthen catastrophic response capabilities in line with the National Incident Management System (NIMS), FEMA's NIMS Integration Center has released the proposed initial minimum criteria for EMS Personnel to be deployed using a national credentialing system.

The purpose of a subject matter working group is to identify additional resource definitions typing (where applicable, for the specific disciplines (i.e. EMS, Medical/Public Health) to be added to the current 120 NIMS National Resource Typing Definitions.

The NIMS requires that states and territories need to identify, inventory and manage these resources (i.e. the current 120 NIMS National Resource Typing Definitions) to promote more effective interstate mutual aid through common interoperability and integration. This is also a requirement by DHS and other

Federal agencies, as a condition for Federal preparedness funding.

The development of a national credentialing system is a fundamental component of the National Incident Management System (NIMS). According to the NIMS, "credentialing involves providing documentation that can authenticate and verify the certification and identity of designated incident managers and emergency responders."

Credentialing ensures that response personnel "possess a minimum common level of training, currency, experience, physical and medical fitness, and capability" for the roles they are tasked to fill. The NIMS Integration Center initiated the development of a national credentialing system in FY 2005 to enhance the ability of federal, state, tribal and local jurisdictions to identify and dispatch appropriately qualified emergency responders from other jurisdictions when needed. A national credentialing system ensures that personnel resources requested from another jurisdiction to assist in a response operation are adequately trained and skilled. A national system to verify the identity and qualifications of emergency responders will not provide automatic access to an incident site. This system can serve to prevent unauthorized (self-dispatched or unqualified personnel) access to an incident site.

The NIMS Integration Center will work with existing state, territorial or discipline-specific credentialing bodies toward national recognition for multi-jurisdictional response under mutual aid agreements. The main components of a proposed credentialing system are: eligible volunteers; certifications and qualifications standards; credentialing organizations; credentialing information that can easily identify personnel and verify certifications, training, and licenses; and a record-keeping system.

For the full presentation visit:  
<http://www.emforum.org/vforum/lc061213.htm>

## GEOMAGNETIC STORM

A geomagnetic storm began on December 14 at 1416 UTC (9:16 A.M. EST). A solar flare on 13 December at 0240 UTC (12 December, 9:40 P.M. EST) from NOAA Region 930 produced strong radio blackouts (R3) and an associated moderate (S2) solar radiation

storm. A large Earth-directed coronal mass ejection was also observed with this event, producing today's geomagnetic storming.

Strong to severe (G3 – G4) geomagnetic storming is expected to last through 15 December. Region 930 is a large sunspot group which is still rotating across the visible disk. Because of the current position of Region 930, additional activity has greater potential to quickly impact Earth.

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## China's Emergency Plan to Repair Damaged Internet after Taiwan Quake

China's Ministry of Information Industry announced on December 28 that it had initiated an emergency plan with telecom operators, including China Telecom (CHA) and China Netcom (CN), to repair the seabed cable damaged by the earthquake in Taiwan earlier this week.

MII said that the earthquake, which hit off the coast of southern Taiwan on the night of December 26, has had a great effect on the Mainland's international communication links and has caused disruptions in voice and data transfers.

The main quake, measured by Taiwan's Central Weather Bureau at magnitude 6.7 and at magnitude 7.1 by the U.S. Geological Survey, struck off Taiwan's southern coast at 1226 GMT on December 26<sup>th</sup>. Two people were killed.

Taiwan's Chunghwa Telecom said two of four major undersea cables out of Taiwan had been affected. Voice circuits had been reduced to 40 per cent of capacity to the United States and just 2 per cent to most parts of Southeast Asia.

At present, China Telecom and China Unicom are pressing on repairing the damaged cables, but it is still not known when the things can resume to normal.

In Taiwan, Chunghwa Telecom says it has contacted cable ship companies for prompt repairs. Four cable ships will be dispatched to the outage areas and repair work will begin on January 1, 2007. The recovery is scheduled to be completed in around three weeks.



## VIA3: Secure Collaboration during Catastrophes and Pandemics

In August 2006, a catastrophe demonstration and test known as "Strong Angel III" took place in San Diego, simulating a variety of global pandemic scenarios and simultaneous cyber attacks. Hundreds of federal agencies, state and local governments, and NGOs came together to field test ways of delivering life-saving humanitarian relief and rapidly deployable communication systems in response to major disasters.

The scenario was designed to be worse than any other related pandemic seen in the United States. Multitudes of casualties, as well as complete loss of communications and power crippled any initial efforts to communicate and collaborate. The following describes the backdrop for the exercise.

As the scenario unfolded, various groups such as the National Institute for Urban Search and Rescue (NIUSR) sprang into action. Hunkering down in an abandoned S.W.A.T. test facility, the NIUSR, along with a number of other organizations and agencies, quickly established a base of operations. Generators were put in place, bringing in steady power. The chain of command was established, and operational plans were quickly diagrammed and enacted.



Outside, a representative from GATR Technologies unpacked a satellite balloon from a backpack, and inflated it. Soon thereafter, the balloon was connected via satellite, and was pumping high bandwidth WI-FI to the NIUSR Efforts. Using this creative internet access, members of the NIUSR were able to immediately launch VIA3, a secure collaboration tool, to communicate with remote family, friends, and critical colleagues.



At the same time, the acting site manager for the NIUSR, John Gargett, had commandeered one of the black ManTech Humvees, and was riding out to the US Border, where a related disaster was unfolding. In the back of the Humvee was a complete communications array, including satellite internet connections, which John was going to utilize to communicate back to the NIUSR base. On-site at the border, John launched VIA3, and was able to establish the first field communications in a secure collaboration session with another NIUSR commander, Jay Colin. During the session, John was able to not only relay details as they unfolded, but also send a video stream of the scene using his laptop's web camera and VIA3.

Against all odds, in the worst possible environment, communications were creatively deployed – including the uncompromising security of VIA3. The goal of Strong Angel III was to establish "a model of community resilience in the face of adversity." With so many natural and man-made disasters around the world, the lessons from Strong Angel III can go a long way toward lessening the damage and alleviating some of the hardships in recovering from those catastrophes, and the importance of having secure, flexible collaboration becomes paramount.

When disaster struck the United States on September 11, 2001, only the FBI had a secure communications or a collaboration method. VIA3 puts secure collaboration into the hands of every federal, state, and local agency and NGO, regardless of the situation or scenario. The applications delivered through the power of VIACK's VIA3 Assured Collaboration Service, in concert with the integrated capabilities provided by the other Strong Angel III participants, demonstrate our ability to support rapidly deployable communications in response to any number of catastrophic events.

## Christmas Day Tornadoes in Florida

DAYTONA BEACH -- A Comair passenger jet approaching an airport was not warned about a tornado in the area this week and neither were air traffic controllers, federal aviation officials said.

The F2 tornado caused an estimated \$60 million dollars in damages to nearby Embry Riddle Aeronautical University, destroyed 80 homes and destroyed 10 Daytona Beach Police Vehicles.

The plane landed safely, but the Christmas Day twister, could not be detected on the type of weather radar used by controllers at Daytona Beach International Airport, Federal Aviation Administration spokeswoman Kathleen Bergen said Thursday.

FAA data showed the Delta Air Lines Inc. subsidiary's jet, with 45 passengers and three crew members coming from New York, was on course to land at 1:44 p.m., air traffic controller union leader Kelly Raulerson said. The tornado struck 150 yards from the tower at 1:45 p.m.

The controllers' union said a September FAA policy change banned tower radios that could have received an alert sent 20 minutes before the tornado touched down. But Bergen said the ban wasn't supposed to apply to weather radios, only to music radios, TVs and cell phones that could be a distraction.

On Wednesday, the FAA manager in Daytona Beach placed weather radios in the two rooms used by controllers to direct air traffic.

The National Air Traffic Controllers Association is calling for the FAA to allow radios back in the control towers' cabs and radar rooms, where air traffic is monitored, and used Monday's incident as a rallying point.

## DENVER BLIZZARD

DENVER -- A blizzard hammered the High Plains on Wednesday, dumping more than a foot of snow in Colorado, knocking a small plane out of the sky in Wyoming and shutting airports, schools, malls and hundreds of miles of highway on the brink of one of the busiest travel weekends of the year.

About 1,000 flights were canceled, stranding as many as 3,000 people, at Denver International Airport. The airport

was shut down for only the third time in 12 years.

"Mother Nature sometimes wins," airport spokesman Chuck Cannon said. "This is not your run-of-the-mill snowstorm."

Colorado Gov. Bill Owens declared a state of emergency and called out the state's National Guard, which began patrolling the highways seeking stranded motorists. The state's main arteries were shut down; nearly all 300 miles of Interstate Highway 25 between the Wyoming and New Mexico borders were closed, as were 150 miles of Interstate 70 from Denver to Kansas and I-80 between western Nebraska and Cheyenne, Wyo.

While the totals are not in yet, the 2006 Holiday Blizzard looks like it will rank in the top ten for Denver snow storms behind the Blizzard of 2003 (32") and the Blizzard of 1913 (45"). While Denver gets more days of sunshine per year than Miami Beach, Coloradoans know that big snow storms are a fact of life.

## Recently Awarded Grants

### Investment Planning for Regional Natural Disaster Mitigation

Funding Organization: National Science Foundation, three years, \$250,000.  
Principal Investigator(s): Rachel A. Davidson (Linda K. Nozick), Cornell University, School of Civil and Environmental Engineering ; (607) 255-7155; RAD24@cornell.edu

## PROJECT SUMMARY

This proposal requests funds to develop a set of models to: (1) help guide an optimal expenditure of regional natural disaster mitigation funds, and (2) provide insight into the many factors that interact to determine the best mix of mitigation strategies. The models will be demonstrated through case studies for Berkeley, CA and North Carolina. Specifically, focusing on earthquakes and hurricanes, the regional natural disaster mitigation analysis models will help an at-risk region with a limited budget decide: (1) how much to spend on pre-event mitigation that aims to reduce future losses versus post-event recovery, and (2) which of the many possible pre-event mitigation activities to fund so as to meet the region's objectives, which might include, for

example, minimizing total costs, minimizing the possibility of a large loss, ensuring that funds are distributed equitably, or ensuring that benefits that arise from mitigation investments are equitable. Possible regional mitigation activities include, for example, structural and non-structural upgrading of certain structures in certain areas, and changing land use zoning.

The project promises societal benefits by providing a sound, transparent basis to support earthquake and hurricane mitigation resource allocation. The federal government has indicated the need for this type of planning by requiring, in the Disaster Mitigation Act of 2000, that state and local governments conduct such mitigation analysis as a condition for receiving Hazard Mitigation Grant Program funds. The Small Business Administration followed by requiring that applications for the Pre-Disaster Mitigation Loan Program conform to the community's mitigation plan. The proposed models will help communities develop the required mitigation plans, a task for which many are currently ill-equipped. Understanding the political context of the real-life mitigation process and consultation with Ms. Arrietta Chakos, Assistant City Manager for Berkeley, and Mr. Chris Crew, North Carolina State Hazard Mitigation Officer, will help ensure the models are as useful as possible. An illustrative analysis has been conducted for earthquake risk to facilitate discussion of how the final proposed models will be developed and the output they will provide. The investigators bring together the necessary expertise in natural disaster risk assessment and management and optimization. The research will play a key role in the development of a new graduate major in Civil Infrastructure Systems (CIS) at Cornell. Two graduate research assistants will participate in all aspects of the research, and the results will be incorporated into the Pls' courses.

## DHS to Ensure Interoperable Communications by End of 2007

The DHS Office of Grants and Training held its 2006 National Conference last week, drawing more than 1,100 attendees-many of whom represented their state and local jurisdictions involved in emergency planning and training. They heard from Secretary Chertoff, Under Secretary for Preparedness George

Foresman, and Assistant Secretary for Intelligence & Analysis Charles Allen. They also participated in a series of breakout sessions that allowed them to share best practices and ask questions of DHS program managers administering the department's various grant programs. In his keynote address, the secretary announced that DHS through the Urban Areas Security Initiative will ensure that major cities have interoperable communications in effect by the end of 2007 and that all states will have the same capabilities by the end of 2008. The secretary also said that DHS will ensure that there is nationwide compliance with the National Incident Management System. "By having a common set of protocols ... we're going to be much closer to having a nation that can be robust and better prepared when a cross jurisdictional catastrophe actually occurs," he said. A transcript of the secretary's remarks is available at: [http://www.dhs.gov/xnews/speeches/sp\\_1164738645429.shtm](http://www.dhs.gov/xnews/speeches/sp_1164738645429.shtm).

In their speeches, Allen and Foresman also emphasized the importance of building strong partnerships with state and local governments. Allen said that his office, which is responsible for producing intelligence on homeland security threats, continues to reach out to state and local entities to ensure that they understand the nature of these threats. In his remarks, Foresman urged the attendees not to look at how relationships between different jurisdictions operated in the past but to develop a vision for the future. "We will not be measured only by what we do today but what we do for the future security of our country," he said. More about the DHS Office of Grants and Training is available at: <http://www.ojp.usdoj.gov/odp/>.

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## FCC increases Spectrum Allocations & drops code requirement

On Oct. 10th, the FCC issued a Report & Order, which made several changes in U.S. ham radio regulations.

The most significant was an expansion of the phone portions of the amateur 80, 40 & 15 meter bands. Then in an historic move on December 15th, the FCC acted to drop the Morse code requirement for all Amateur Radio license classes.

# DERA Strategic Planning Session

Orlando, Florida - February 11, 2007 - To register, send email to: [attend@disasters.org](mailto:attend@disasters.org)

## Strategic Planning for 2007 Operations

In conjunction with the 28th Annual International Disaster Management Conference (below)

*(DERA members admitted to our Sunday session at no charge)*



# 28<sup>th</sup> Annual International Disaster Management Conference

presents

## Preparing Freedom's Lifelines...



### Conference Date & Location

**February 8-11, 2007**  
The Rosen Centre Hotel · 9840 International Drive · Orlando, FL 32819  
Reservations (800) 800-9840 · [www.rosencentre.com](http://www.rosencentre.com)

### Conference Highlights

- > Lessons Learned from Recent Disaster Events
- > Disaster Response Strategies and Tactics
- > Medical / Public Health Disaster Management
- > Terrorism Response Strategies and Tactics

### Who Should Attend

All persons and agencies involved with emergency preparedness, management and response...  
Firefighters, EMS personnel, emergency managers, hospital administrators, physicians, nurses, DMAT personnel, disaster planning coordinators, medical facility administrators, law enforcement officials, search and rescue responders, civil preparedness officials, mass fatality responders, and others who play important roles in critical incidents.

### More Information

Visit [www.emlrc.org](http://www.emlrc.org) or call (800) 766-6335. EMLRC · 3717 South Conway Road · Orlando, FL 32812



## List of Sessions

- Hospital Incident Command Systems IV
- Safe Management of Moving Water and Major Flood Response (NFPA Compliance Course)
- Disaster Considerations for Pediatrics and Special Populations
- Model Curriculum for Training Hospital First Receivers:
- A Train the Trainer Workshop
- The Federal Response
- Cruise Ship Disasters: The 2006 Crown Princess Incident
- Mid-Atlantic States Flooding and Evacuations
- Hospital Bed Surge Capacity in the Event of a Mass Casualty Incident
- ASTM Hospital Preparedness Standards
- Hospital Security and Force Protection
- Ten Commandments for Management of Urban Mass Casualties
- Alternative Positive Pressure Ventilation Equipment for Mass Casualty Respiratory Failure
- A Novel Approach to Medical Mitigation of Mass Casualty Disasters
- Resources for Dealing with the Four Phases of Flood Response
- Crush Injuries
- Ka LoKO (Hawaii) Reservoir Dam Failure
- 2006 Hawaii Earthquake
- Ten Commandments for Management of Urban Mass Casualties
- Public Health Asset Typing
- The TIIDE Project: A Model Community Links EMS and
- Using Poison Control Center Data to Detect Health Hazards:
- 2004-2005 Hurricane Season
- Integrating Disaster Preparedness into a Community Health
- Nursing Course: The Long Island University School of Nursing Experience
- The Use of the Human Patient Simulator in Disaster Medicine
- Managing the Volunteer Labor Pool in a Healthcare Facility
- Urban Planning for Catastrophic Nuclear Events
- Providing Mass Medical Care with Scarce Resources: Community Planning
- What to do if the Communications Center is Suddenly Gone
- Collaborative Response: Establishing a Multi-Agency Coordination (MAC) Group
- Blast Injuries from Improvised Explosive Devices
- Hurricane Katrina / New Orleans International Airport
- Medical Operations and Evacuation: Lessons Learned
- Great Western Inn Explosion and Building Collapse
- School Shootings: Lessons Learned
- Apex (NC) Hazardous Waste Plant Fire and Evacuation
- ACEP Section of Disaster Medicine General Meeting



# ***Will You Help Provide a Disaster Communications Lifeline?***

***You can provide life-saving disaster communications as an individual donor, team sponsor or volunteer.***

Tragically, Hurricanes Katrina and Rita underscored just how critical disaster communications can be.

Since 1962, our nonprofit mission has been to provide emergency communications during disasters. Our volunteers have responded to hurricanes, earthquakes, tornados, wildfires, floods, volcanoes, winter storms, manmade disasters and tsunami. Our volunteers have served in every part of the U.S. and throughout the world. They need your help.

***You can be an important part of this vital mission starting today.***

We operate and maintain a variety of emergency communications systems including portable satellite terminals, mobile units that can provide local and long distance communications and lightweight flyaway kits with battery powered two-way radios. Our volunteers deploy these systems in support of emergency responders, relief agencies and the public whenever there is a need.

*No community is immune from disasters and communications emergencies, and we are working hard to strengthen our ability to respond rapidly to any location that has a need. To do this, we need to modernize our aging equipment, some of which is over 25 years old, upgrade our satellite systems to handle greater capacity, and obtain additional communications vehicles and satellite terminals.*



An important aspect of our project is training and equipping local volunteer teams in communities throughout the U.S. Our volunteers are active and retired communications professionals, Amateur Radio operators, emergency managers and electronics technicians working as highly effective, rapidly deployable teams.

Annually, each emergency communications team needs sponsorship contributions of at least \$35,000 to maintain their equipment and cover deployment costs. This does not include the initial \$98,000 needed to purchase and equip each communications vehicle. A reliable source of funds is needed to maintain and repair vehicles, electronics equipment and portable generators, pay for satellite air time and internet service, cover insurance, gasoline, travel expenses and to upgrade or replace obsolete equipment. We receive no government funds, but depend entirely on the generosity of private individuals, civic groups, businesses and other donors.

***We urgently need financial support for this vital mission. Please help or refer us to someone who can.***

## ***Donors and Sponsors Needed***

Please help us obtain operating funds as well as donations of vehicles, satellite systems and radio equipment.

Major sponsors who partner with DERA on this project will receive full recognition through logo and name placement on communications vehicles, prominent attention in media releases, and extensive visibility as vehicles are seen enroute to disasters and on display at exercises, conferences and significant public events.

***Your help as a donor, project sponsor or volunteer will provide a communications lifeline to those in need.***

## ***Our Organization and Mission***

DERA was founded in 1962 as a nonprofit disaster service and professional organization. Our headquarters is in Denver, Colorado, and we have active members working throughout the United States and around the world. Our volunteer members work together on a wide range of disaster preparedness, response and recovery projects that are vital to community readiness and safety. Donations to DERA qualify as charitable tax deductions within the U.S.

## **Disaster Preparedness and Emergency Response Association (DERA)**

**www.disasters.org**

**Email: [dera@disasters.org](mailto:dera@disasters.org)**

**P.O. Box 280795, Denver, CO 80228**

**(970) 532-3362**

*DERA was established in 1962 and is a Nonprofit 501(c)(3) Disaster Service, Educational, and Professional Organization*



## ***Membership Invitation***



Established in 1962

### **MISSION**

**Preparedness - Response - Education**

***DERA is a Nonprofit Disaster Service and Professional Organization.***

***Our members work together as an active, world-wide network of disaster preparedness specialists, response and recovery teams, trainers, consultants, technical experts, researchers and project managers.***

We help disaster victims by improving planning, communications and logistics, reducing risks and mitigating hazards, conducting community preparedness programs, and by sponsoring emergency response missions.

***We sponsor a school awards program that encourages students to study the effects of disasters and to conduct projects that reduce local hazards and improve community preparedness, safety and environmental protection.***

As a prominent international professional association, our membership is composed of key leaders in the field of emergency management from around the world, including key government officials, volunteers, consultants, business managers, researchers, educators, students and wide range of charitable groups.

***Our quarterly newsletter, DisasterCom, brings current information about developments in emergency management and reports on the activities of our global membership.***

We sponsor research projects and the publication of emergency management guides, case studies, technical assessments, and preparedness materials.

***If you share our vision of commitment and service, we would welcome you as a member.***

*Please complete the application that follows or contact us for further information.*

**DERA  
P.O. Box 797  
Longmont, CO 80502**

Also, please visit us at [www.disasters.org](http://www.disasters.org)

Professional Affiliation  
**Membership Application**



Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP/Postal Code: \_\_\_\_\_  
Country, if not USA or Canada: \_\_\_\_\_ Phone: \_\_\_\_\_  
Email: \_\_\_\_\_ Radio Callsign: \_\_\_\_\_

**Please Select Membership Classification**  
**Enclose Check, Purchase Order, or Charge Card Authorization for Dues**

**Professional / Technical / Academic**  
\$50.00 per year  
\$25.00 for Unpaid Volunteer, Student, Retired

**Nonprofit Organizations**  
\$75.00 per year

**Executive / Management**  
\$75.00 per year

**Governmental Agency**  
\$95.00 per year

**Corporate Membership**  
\$450.00

**Small or Independent Business**  
\$125.00 per year

Amounts are in U.S. Dollars. Foreign currency and drafts are credited at commercial exchange rates. All checks must be payable through a U.S. bank. Add \$5 per year if you wish newsletter sent by Airmail, or \$20 for Global Priority Mail. Rates good for 2005-2006.

**CHARGE AUTHORIZATION**

*I authorize DERA to charge the following account for membership dues as marked above:*

**Please Check:**  VISA     MasterCard     American Express     Discover     Purchase Order Attached

Card Number:  Expires: \_\_\_\_\_ / \_\_\_\_\_  
Month                    /                    Year

Authorized Signature: \_\_\_\_\_ Today's Date: \_\_\_\_\_

12--06-W

**MAIL APPLICATION TO:**

**DERA - Membership  
P.O. Box 797  
Longmont, CO 80502-0797**

**Did a member refer you  
for membership?**

Name of Member: \_\_\_\_\_