HazMat Explo 2008

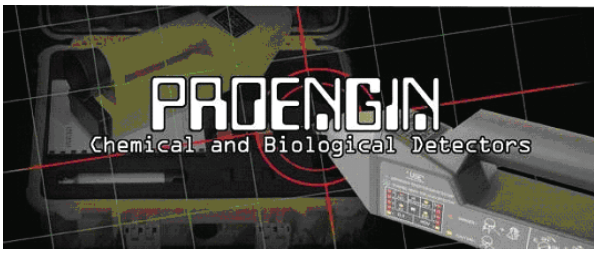
Red, White & Boom

November 3rd - 6th, 2008

- 28 New Classes
- Exciting speakers
- CEU credits offered
- Many new exhibitors
- Product Demonstrations
- Nevada Test Site & Hoover Dam Tours

Strategies for dealing with HazMat Issues from six different perspectives:

- Emergency Planning/Special Training
- Environmental/Industry
- Health and Medical
- Homeland Security
- First Responder
- Radiological



PROENGIN SA was established in 1972. Its aims were PROspective ENGineering and INdustrialization of devices associating various technologies that demand high quality and competences. Proengin is now a leading manufacturer of Chemical and Biological detectors exporting to 36 countries and many respected militaries such as US Army, Canadian Army, French forces to name a few. Proengins latest Hand held system is the AP4C capable of detecting an incredibly wide range of chemical agents and toxic chemicals in both liquid and vapor forms.

www.proengin.com

LAM
TRAINING & CONSULTING, LLC

L.A.M. Training and Consulting is a provider of quality and comprehensive training for Hazardous Waste Operations and Emergency Response (HAZWOPER). We provide a full range of training requirements found in 29 CFR 1910.120. We can also customize a class to meet your specific training needs. In addition, we can provide CPR, Audits, and many other services. Our company will travel to your location, saving your company the high cost of sending employees off-site. We would like to partner with companies to become a trusted and valued resource for their future training.
www.hazmateducation.com

Register online today at
www.hazmatexplo.org or call 702-455-5710

Keynote Speaker

Thomas E. Lorentzen

Regional Director, Region IX, U.S. Department of Health & Human Services, San Francisco, California

Mr. Lorentzen was appointed Regional Director (Region IX) at the U.S. Department of Health & Human Services (HHS) in December of 2006. The states in Region IX include California, Nevada, Arizona, Hawaii and the Pacific Jurisdictions (including Guam, Western Samoa, and Micronesia).

As Regional Director, Mr. Lorentzen serves as the primary representative and spokesperson for HHS Secretary Michael Leavitt in Region IX. He also serves as Chair of the Federal Regional Council, which plays a coordinating role among Federal departments and agencies in Region IX, and is a member of the San Francisco Bay Area Federal Executive Board.

Mr. Lorentzen has served in three Presidential administrations, including those of Ronald Reagan, George H.W. Bush, and George W. Bush. Prior appointments included: Consultant to the Under Secretary of Education; Special Assistant and Speech-Writer to the Secretary of Health & Human Services; Director of Private Sector Initiatives and Associate Administrator for Business Development at the U.S. Small Business Administration; Senior Advisor to the Regional Administrator for the U.S. General Services Administration; and National Board Member to the Institute of Museum & Library Services. He also served as a senior consultant to the Ronald Reagan Presidential Library and Foundation.

He serves as a trustee to the California State University, East Bay Educational Foundation, and is a former member of the Advisory Board to Southern Oregon University in Ashland, Oregon. He also serves as a member of the Advisory Board to the "Health Initiative of the Americas", which operates under the auspices of the Office of the President of the University of California.

Mr. Lorentzen earned an M.A. degree from the University of Nevada, Reno, and a B.A. degree from California State University, East Bay (both degrees are in Political Science). He is a resident of Castro Valley, California.

NASTTPO/EPA Meeting

The mid-Year National Association of SARA Title III Program Officials (NASTTPO) Meeting with U.S. Environmental Protection Agency Western Regions' Emergency Prevention and Preparedness Conference will be held in conjunction with this year's HazMat Explo. To see an agenda or get additional information, please see the NASTTPO website at: http://www.nasttpo.org/

- Nov. 4th & 5th: after Western Regions EPA,
- Nov. 5th & 6th: Sienna Room

HazMat Explo Plenary Session:

Al Haynes

The Story of Flight 232 - (Thursday 8:00 to 10:00)

That 184 people survived the crash landing of United 232 can be attributed to five main factors: Luck, Communications, Preparation, Execution, and Cooperation. Luck involved the fact that the airplane remained flyable, in addition to the favorable location, weather, and time of day. Quick and total response by Air Traffic Control, cockpit and cabin crew training, proper inter-communications training among ground units, and proper use of available facilities contributed to the communications factor. A live drill leading to improvements and better planning for disasters, coupled with thorough training of cockpit and cabin crews, helped prepare everyone for this seemingly impossible task. Everyone responded as his or her training dictated. A total team effort was required, involving multiple agencies and the general public. These factors allowed what appeared to be a non-survivable accident to be one in which a large percentage of those aboard survived.

Captain Al Haynes was born in Paris, Texas and raised in Dallas. He attended Texas A&M College before joining the Naval Aviation Cadet Training program in 1952. He was released from the service in 1956 after serving as a Marine Aviator. He joined United Airlines that year as a flight engineer and served in that capacity until his promotion to first officer in 1963. He flew the DC-6, DC-7, DC-8, Boeing 727, and DC-10. Al was promoted to captain in 1985 and flew the Boeing 727 and DC-10 up to his retirement in August 1991, accumulating over 27,000 hours of flight time. Al has been a volunteer umpire for Little League Baseball for the past 36 years and a stadium announcer for high school football for the past 30 years.

Steve Hightower

"***Outrunning the Bear or, Becoming a 'Hard Target"*** (Thursday 10:00-11:30)

In this session we will examine the continuing threat of terrorism and violence… to our communities, schools, and places of work. While the nature of the threat of terrorism directed against Americans has changed, the threat of it has not gone away.

Potential terrorists have steadily changed both their tactics, as well as the weapons that they may potentially use against us. One of these tactics is the terrorists' increasing focus on attacking "*soft targets*"; those targets which are easily accessed and can be successfully attacked. Our focus is to discuss how we can make our communities, schools, and places of work into "*hard targets*" and, in doing so, deter or preempt the potential terrorist.

Steve Hightower is the Director of Incident Management Training Programs for the Texas Engineering Extension Service (TEEX) /Emergency Services Training Institute (ESTI); a member of the Texas A&M University System.

Steve is a retired Army Special Forces (Green Beret) colonel with over 20 years of experience in the field of "Special Operations" planning and executing anti-terrorism and counter-terrorism operations and training worldwide.

Steve also served as the Director, National Military Strategy, and as the senior Special Operations officer on the faculty of the US Army War College. Steve was the War College's "Subject Matter Expert" and course author for Special Operations, Anti-Terrorism, and Military Support to Civil Authorities.

Steve speaks frequently on the topics of terrorism, weapons of mass destruction (WMD), and the U.S. Government's role in assisting communities in response to terrorism or WMD incidents. Steve holds both Bachelor's and Master's Degrees in Political Science from Texas A&M University and is also a graduate of The Armed Forces Staff College and The U.S. Army War College. Steve is a decorated combat veteran of Vietnam, Grenada, Panama, and Desert Shield/Desert Storm.

The following is a list of classes to be offered to date. Check hazmatexplo.org for updates and conference schedule.

Health & Medical

Strategies for Indoor Air-Quality Investigations: Building-Focused or Health-Focused? (Burt, Gots)

Course will introduce a health-based, rather than building-based approach to reassess your organization's indoor environmental and air quality Indoor Environmental and Air Quality (IEAQ) response strategies. Sample cases will include a two-year, campus-wide, study of 12 occupied government office buildings involving 8,000 participants, an analysis of over 150 risk factors, 57,000 environmental data points, and 4 million survey data points.

Course will provide an interpretation of study results and offer guidance and insight on what should be considered during an incident investigation beyond the traditional IEAQ investigative approach.

Green Ramp Plane Crash at Pope Air Force Base (Fivecoat)

On 23 March 1994, at an area of Ft. Bragg (North Carolina) known as "Green Ramp," an F-16 fighter plane collided with a C-130 cargo plane while hundreds of waiting paratroopers watched. This presentation will discuss the disaster on "Green Ramp." It will cover how the political climate of the times affected the causes of the disaster, the people involved and their responses as well as the official Pentagon report. Successes and challenges will be presented to enable participants to see how such an incident could affect their lives, their jobs, their spheres of influence, and their communities.

HazMat Toxicology (Fivecoat, Weber)

Instruction in how to use specially equipped hazardous material (HazMat) drug boxes, including treatment protocols and tabletop scenarios for common toxic industrial hazardous materials and weapons of mass destruction. Course will also discuss nerve agents, blood agents, lewisite warfare agents, and agents including hydrofluoric acid, methanol, ethylene glycol, and methemoglobenemia.

The Physiology of Survival: The Body's Response to Extreme Stress (Fivecoat)

This course will cover the physiological effects of extreme stress situations. The biochemical mechanisms of adrenaline and symptoms that result from these effects will be presented and discussed, as well as ways of controlling these effects through proper training and techniques. The class involves a mixture of lecture, audio/video demonstrations, and facilitated discussion.

Defending Against Chemical Agents of Opportunity (Wax)

This course provides awareness-level training for a variety of toxic syndromes likely to be encountered following exposure to so-called "chemical agents of opportunity." This is a unique opportunity to learn about the clinical health effects of the chemicals most likely to be encountered in a terrorist attack/event. Although the course is presented by clinical toxicologists, the presentations are directed to non-medical specialists.

The Environmental Health Consequences of Clandestine Methamphetamine Laboratories (Wax)

Faculty from the American College of Medical Toxicology (ACMT) will offer a unique opportunity to learn about the clinical health effects of methamphetamine use and abuse, the hazards of methamphetamine synthesis, health effects of methamphetamines, clean up and remediation of clandestine laboratories, and public policy issues. A special session is also presented on children's health and exposure considerations.

Public Health Crisis Response: Mass Exposure to Hepatitis C Due to Unsafe Infection Practices (Brian Labus)

The discovery of unsafe injection practices at an outpatient surgical center in Las Vegas during an outbreak investigation led to the notification of 63,000 people that they may have been exposed to bloodborne pathogens. In addition to an overview of the outbreak investigation, this course will describe the challenges and solutions in dealing with such a large scale public health crisis response.

First Responder

HazMat Incident Command - A Compliance Workshop (Henle)

The Occupational Safety and Health Administration (OSHA) requires additional training beyond the HazMat First Responder Operations Level for anyone who will command a hazardous materials incident. This class will allow the student to meet these requirements as well as the National Fire Protection Association's NFPA 472 requirements for HazMat Incident Commander (IC). The class utilizes a practical approach for commanding a hazardous materials incident and provides tools for the IC to successfully analyze and command hazardous materials emergencies with an in-depth session on how to properly interface with a HazMat team. Utilizing actual case histories and in-class group scenarios, the class presents a "real world" perspective in properly commanding a hazardous materials incident with the Instructor bringing over 30 years of HazMat response experience to the classroom.

Effective Use of Infrared and Raman Chemical Identifiers (Norman)

This hands-on intensive workshop introduces the concepts of infrared (IR) and Raman spectroscopy with particular attention paid to the advantages and limitations of each technique. Topics such as understanding inconclusive library searches, identifying mixtures, and dealing with difficult samples are also addressed. An emphasis on practical "how-to" information will help new and seasoned IR and Raman users better deal with unknowns at chemical events.

Gas Identification Techniques for Air Monitoring (Norman)

This course will discuss a wide variety of technologies, from pH paper to photo ionization detector (PID) meters, commonly used to monitor air. While many of these devices offer excellent detection of certain gases or families, new technologies now provide the ability to identify unknown substances. One is based on infrared (IR) spectroscopy and identifies thousands of chemicals at or below imminent danger to life and health (IDLH) levels. Another uses a unique combination of sensors (PID, Ion Mobility Spectrometers [IMS] and Taguchi Gas Sensors [TGS]) to identify trace levels of several important toxic industrial chemicals and weapons of mass destruction (WMDs). The advantages and limitations of each technology and the roles they play in a strategic "layered" air-monitoring protocol for HazMat response will be discussed.

Saving Lives with Verbal First Aid™ (Prager)

When people are in fear, panic, or pain in an emergency, they slip into an altered state of consciousness, at which time the autonomic nervous system.– which regulates such vital bodily functions as breathing, bleeding, heart and pulse rate, and perception of pain, is open to suggestions. First responders using Verbal First Aid™ have discovered that what they say at the scene of a crisis or an emergency can be as important as what they do. That is because every thought generates chemicals that harm or chemicals that heal.

Attendees will learn what to say and how to say it to promote healing, relieve pain, and save lives. They will learn how to gain rapport and trust and how to give therapeutic suggestions that the victims can accept to set a course for recovery.

Cyanide Awareness for Emergency Responders (Cochrane)

Course will discuss cyanide, including: industrial uses of sodium cyanide; physical and chemical properties; modes of transportation and transportation safety features; emergency response considerations; signs and symptoms of cyanide over exposure; first aid for cyanide poisoning victims; and cyanide antidotes.

Course Descriptions

Critical Incidents at Railroad Crossings (Bavier)

Essential training for law enforcement, fire, medical, and other emergency response services who include railroad transportation within their jurisdictions. Course covers derailments, HazMat, critical structures, train operations, and more. The afternoon features hands-on training with equipment in the railroad yard.

Training to the 2008 NFPA 472 Mission-Specific Competency: Response to Illicit Laboratory Incidents (Meyers, Fivecoat, Cook, Weber)

This workshop will cover the key illicit lab knowledge components of the 2008 edition of the National Fire Protection Association's NFPA 472. The class will cover recognition and identification of clandestine drug and WMD labs, securing the scene, air monitoring for safety, and preserving evidence. We will describe the operational considerations, hazards, and products involved in the production of methamphetamine and of chemical warfare and biological warfare agents. Among the topics we will cover are selection of personal protective equipment (PPE), decontamination methods, air monitor selection, and development of a remediation plan.

Mercury: What's the big deal? (Cook, Weber)

Learn the curious history of this unique liquid element that was once considered fun to play with, where it comes from and the many ways it is used, including in medicine, mining, explosives and even submarines! What are the real hazards, and how should a responder react? Learn how to select PPE and learn about detection devices like the Lumex©. Learn spill cleanup techniques, compare spill kits, and discover decontamination and disposal options. School case studies with risk and hazard analyses are discussed.

HazMat IQ (Aguirre, Gorman)

HazMat IQ training is literally taking the response community by storm. This program is a patent-pending system only available from HazMatIQ. The system instructs responders in how to safely and efficiently respond to any known or unknown substance. After just one day of training students can recognize the physical state, hazards, initial hot zone, correct instuments, and PPE requirements for any chemical in 30 seconds. The system then works through a research or science form to verify theresponder's initial assessment. Responders who use this system are ready to go to work when they arrive on the scene, in contrast to most responders, who just begin research upon their arrival on the scene.

Emergency Response to E85 Emergencies (Fischer)

E85 fuels, fuels containing 85% ethanol are growing in popularity with consumers as gasoline prices increase. Fuel vendors are adding E85 pumps to local gasoline stations. Transport tankers are transporting this fuel to the stations. This course is designed to educate the first responder on the hazards associated with E85 fuels. Course objectives include identifying properties of E85 fuels and identifying and demonstrating foam solutions on E85 fuel.

Aircraft Construction & Cargo Concerns (Anderson, Anthony)

This three- hour class will teach the student at an awareness level the basics of aircraft construction including the hazardous materials found within the construction components as well as potentially dangerous fluids contained within aircraft systems. Discussion of fire management involving composites and pass-around exhibits will dispel rumors, misinformation, and "urban legends" that have plagued the aircraft rescue and fire-fighting arena, replacing them with the most current facts about dealing with these advanced construction materials.

Ricin Class: Incident in Las Vegas (McCrimon)

Most cities have never had to deal with a substance that is considered to be a weapon of mass destruction. Las Vegas had two of these incidents that involved the substance Ricin. The first was in Feb 2003 and again in Feb 2008. The class will take a look at lessons learned and provide guidance to proper response of such incidents .

The HazMat Laptop (Sharp)

This seminar will highlight computer software, databases, websites, and cheat sheets that every HazMat responder should have on his/her laptop. The topics covered will include: computerized mapping and global positioning systems (GPSs), chemical research, PPE selection tools, HazMat team paging/ notification software, calculators amd conversion charts, information sharing portals, National Incident Management System (NIMS) worksheets, and other useful web tools.

The presentation will focus on low-cost, free, and off-the-shelf solutions. Each attendee will receive a disk containing copies of free software, trial subscriptions, worksheets, and web links. Note: This course will not cover commercially made HazMat/ WMD software packages from homeland security vendors.

National Hazardous Materials Fusion Center (Wells)

The National Hazardous Materials Fusion Center (NHMFC) is the primary focus of a cooperative agreement between the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) and the International Association of Fire Chiefs (IAFC). The primary goal of the NHMFC is to provide a national focal point for systematic HazMat incident data collection, analysis, and information dissemination leading to enhanced HazMat responder safety. The NHMFC will be developing and disseminating lessons learned, best practices, and incident-/product-specific training. Additionally, the NHMFC is currently developing Regional Incident Survey Teams in the five PHMSA regions.

Homeland Security

The Changing Nature of the Terrorist Threat (Hightower)

The methods and strategies terrorists use to accomplish their objectives change on a continual basis. Terrorists hope to create a climate of fear and intimidation by making citizens believe they are everywhere and trying to undermine the public's confidence in the ability of authorities to protect and defend them.

This session will provide all responders with the latest "open source" information regarding the evolving nature of the international and domestic terrorist threat, including an overview of the latest weapons and tactics currently being employed by terrorists. The instructor will provide information designed to prevent, recognize, preempt, or safely respond to a suspected terrorist incident.

Getting Ahead of the Coming Wave: NIMS/ICS Training Requirements 2008-12 (Hightower)

In February 2008, the Department of Homeland Security's National Integration Center published its "Five-Year NIMS Training Plan" for (fiscal) years 2008-2012. The Plan lays out what type of NIMS/Incident Command System (ICS) training, experience, certification, and credentials all first responders must attain in order to meet federal guidelines in the coming years. Foremost among these new requirements is "credentialing" for all responders working in key incident response and emergency management positions.

This session will provide an overview of the latest training and personnel qualification requirements contained in the "Five-Year NIMS Training Plan" and suggest options and resources currently available to responders and response agencies in order to get ahead of the coming wave of new requirements.

Weapons of Mass Destruction Incident Management Concepts Workshop (Hightower)

This, awareness-level workshop focuses on the basics of managing a terrorism incident involving the use of a weapon of mass destruction (WMD) and is organized into four distinct areas, each with an application activity: 1) Terrorism threat and vulnerability; 2) WMD delivery devices and methods; 3) Chemical, biological, radiological, nuclear, and, explosive (CBRNE) hazards when employed as WMDs; and4) Fundamentals of the Incident Command System (ICS) for response to a WMD incident

All participants completing this workshop will receive a Certificate of Training from the Texas Engineering Extension Service (TEEX)/ Texas A&M University System, which may either be applied towards satisfying continuing education requirements or, as appropriate, be used to satisfy the prerequisites for other WMD courses. Maximum of 40 participants; please sign up when you register for the conference.

Emergency Responder Interface with Ferry Systems AWR-159 (Akers, Fortugno)

The Federal Bureau of Investigation has identified ferry systems, together with other passenger vessels (e.g., tour boats, cruise ships) as the number one potential maritime terrorist target in the U.S. Passenger vessels are continually at risk of an accident or a natural disaster, and these often occur at the dock or close to shore. Emergency Responder Interface with Ferry Systems (ERIFS) AWR-159 is a Department of Homeland Security course which helps answer the question "*What do all responders need to know to allow them to react quickly and effectively to a disaster or attack on a passenger vessel?"* It consists of four modules: 1) Maritime Terrorism; 2) Vessels and the Maritime Environment; 3) Response/ Recovery Considerations; and 4) Command/Policy Considerations. The course speaks to the key focus areas of emergency planning and special training, first responders, and Homeland Security.

ERIFS was created in 2007 and has been delivered to hundreds of responders in Washington and Hawaii.

Foreign Animal Disease Response, Avian Influenza Emergency Response

This course will focus on best practices and safety issues associated with an agriculture emergency. Participants will learn the importance of preparing for a potential outbreak and be trained on the concepts of: Biosecurity; Quarantine; Personal protective equipment (PPE) / hands-on activity; Euthanasia and disposal; and, Cleaning and disinfection

This course is designed for, but is not limited to: agriculture producers and workers; law enforcement; firefighters; veterinarian and animal health care providers; emergency medical services personnel; emergency management; public health officials; public works personnel; and elected officials.

This course meets the OSHA requirement for HAZWOPER refresher under 1910.120 (q).

Critical Infrastructure and Key Resources: Best Practices (Panel)

Radiological

8-Hour MERTT Class (Clawson, Keister, Lund)

This one-day Modular Emergency Response Radiological Transportation Training (MERTT) class will explain radiological response. The class includes hands-on activities with radiation detection equipment, radioactive material packaging and "live" radiation sources. Attendees will develop understanding of radioactive material, radiological survey instruments, decontamination techniques for handling a radiologically contaminated victim, transporting radioactive material, and resources available during response.

WMD Radiological/Nuclear Awareness Course AWR-140 and AWR-140-W (Instructors TBA)

This course presents WMD radiological/nuclear overview designed for first responders and other personnel who are likely to be the first to arrive on the scene of a radiological/nuclear incident. It focuses on the basics of radiation, possible health effects, hazard identification, and proper notification procedures. DHS Certificate, 0.6 CEUs.

Personal Radiation Detector (PRD) Course PER-243 (Instructors TBA)

This course is designed to train law enforcement and public safety officers to employ department-procured and -issued personal radiation detectors (PRDs) within the bounds of the jurisdiction/agency operational environment, including local instruments, procedures, and legal considerations. The course provides training and extensive hands-on practice with actual radioactive material so that personnel employing a PRD in detection and interdiction missions will be able to detect and locate the presence of radiation and/or radiological material. After receiving an alarm, participants will be able to identify and distinguish between false alarms, alarms due to background radiation, alarms due to legitimate causes, and alarms due to illicit radiological/nuclear material. This is a "live agent" course using radioactive materials. Each attendee will be issued a PRD instrument for use in the course. DHS Certificate, 0.7 CEUs.

Nevada Test Site Tour
Monday, November 3rd, 2008
7:00 am to 4:00 pm

Nuclear Bombs: Consequences, Preparedness, and Response (Dempsey, Palladino)

This course will teach students about various types of nuclear weapons and the consequences of a detonation. It will also provide students with preparedness and response recommendations.

Radiological Emergency Response Planning (Duncan, Palladino)

This seminar discusses the key elements needed in developing a radiation emergency response plan. The overall goal of the course is to have participants begin to think about their agency's role in the event of a radioactive incident and begin to develop formal response procedures and policies. Specific topics that will be covered are the development of a health and safety program with action levels, instrumentation considerations, emergency response procedures, emergency response resources and contacts, and notification procedures/requirements. The class is designed to provide real recommendations that emergency response organizations can use to develop and implement a radiological emergency response plan for their agency.

Radiation Safety for First Responders (Boyd)

This course will discuss background radiation and sources of background radiation exposure. It will also discuss the different types of radiation and the principles necessary to keep radiation doses as low as reasonably achievable (ALARA). The biological effects of radiation and the doses at which these effects occur will be covered. In addition the principles necessary to allow emergency responders to work safely in radiation areas and to most effectively help those people involved in radiation accidents will be covered. Finally, training in hand-held instrumentation and selection will be provided.

Responding to a Radiological Dispersal Device: The First 12 Hours (Matus)

The course will focus on the first 12 hours of response to a radiological dispersal device (RDD) and will apply the same principles to industrial or transportation incidents. Basic radiation theory will be reviewed, and the implementation of the new Council of Radiation Control Program Directors (CRCPD) handbook will be discussed, including rules of thumb and decontamination and handling of contaminated victims. Pocket guides will be distributed.

Course Descriptions

Environmental/Industry

8-Hour Hazardous Materials Refresher Course (Hazwoper) (Alquist)
Regulation of Transportation of High-Level Nuclear Waste (Mushkatel)
RCRA-DOT Compliance (Heyneman)

This course presents students with the federal hazardous waste generator regulations which regulate conditionally exempt small quantity generators (CESQGs), small quantity generators (SQGs), and Large Quantity Generators (LQGs). This training will serve as certification for LQGs.

Emergency Planning & Special Training

MAIDN: The Next Generation Electronic Research Tool and Database for HazMat Response (Weber, Bhavnani, Sharp)

This course will describe the beta version of the next generation in hazardous materials emergency response research tools: MAIDN. MAIDN is a fully searchable database with similarities to WISER. Unlike WISER, MAIDN uses a binary search algorithm with much faster and more reliable results. Search categories are displayed using a revolutionary visual interface. Search parameters can be toggled on and off for rapid search optimization, and the search results can be graphically displayed based upon other non-search parameters of interest. Participants will be invited to participate in a software development survey and user-focus groups.

SERC Regulations and Policies, Workshop Training Session on the Hazmat Database (Pabon)

This session will discuss adopted and proposed changes to State Emergency Response Commission (SERC) regulations and policies and will include a forum for questions and comments. The session will also introduce emergency planners and responders to the database functions. Facility representatives who submit hazardous materials reports may also benefit from an introduction to the web-based system.

Stress Management and Problem Solving in Stressful Times (Cowie)

Response and emergency management jobs are innately stressful. If one does not believe that stress management and problem solving skills are necessary and useful, then one will not take the time and effort to gain the skills and use them.

This interactive course will start with a student discussion on the emotional, physical, and intellectual effects of stress. It will address the role of data gathering and analysis on problem solving and stress management. From there it will discuss how to define the problem sets, generate possible solution sets, evaluate solution sets, choose a "best case" solution set, develop a Work Plan, implement the Work Plan, evaluate progress, and start over again.

Rural Decon: What would MacGyver do? (Cowie)

The goal of this class is to force respondents to a rural HazMat incident to think from scratch, write down what they think, what they do, and why they did it, and be able to defend their actions to bosses, media, incident auditors, or judge/jury. Students will work out baseline hometown hazards and walk through a series of scenarios that will enable them to adjust to rural realities in a well-thought-out manner.

Hoover Dam Tour
Monday, November 3rd, 2008
8:00 am to 12:00 pm

Secrets of Grant Writing (Cowie)

This is an introductory course in writing grants. This course could be considered as a project development and management course with a fiscal, budgetary module. The instructor has been a grant writer, grant funder, and grant writing trainer for Montana Disaster and Emergency Services Division.

Firestorms: Environmental and Public Health Impacts (Vent)

This course will discuss the 2007 San Diego County fires and their progression on seven separate fronts and its impacts. It will focus on the environmental health aspects of the fire ranging from power and water outages resulting in food, vector, and sanitation issues, to HazMat issues involving six tons of chlorine and the destruction of 2,164 homes. Students will consider such wide-ranging topics as the result of garage and home chemicals being mixed together and what would happen if a municipal water system lost its pumps and power supply. It will address how a region helps its citizens recover from a major fire, looking at specific examples, such as how an emergency operations center became an area command center coordinating the evacuation of 515,000 people, two hospitals, and 5 convalescent homes. Finally, it will discuss the recovery efforts initiated, funded, and controlled through federal Environmental Protection Agency (EPA) and state resources.

Household Pets Class (O'Brien)

Information pending.

Rethinking Emergency Public Information: Simple Innovation Before, During, and After HazMats (Briggs)

This workshop is designed for PIOs, incident commanders and first responders to better understand the vital role of a Public Information Officer (PIO) at a HazMat incident. It will revisit media response to hazardous materials incidents, emergencies, or disasters, and will demonstrate how public information officers can effectively prepare, respond, and sustain continual public information. Emphasis will be given to using digital capabilities to reach and maintain positive interaction with media, through the use of remote and virtual Joint Information Centers (JICs), and on-scene staging and accommodation of media. Post-event recovery, should the incident generate negative public response and/or political dissatisfaction, will also be discussed, as well as how to reorient public sentiment.

Emergency Operations Planning: Who Does What? (Leach)

This two-hour presentation includes topics to help Emergency Managers set up, plan, write, and implement the Emergency Operations Plan for their areas. Students will share ideas, and the discussion will include: who are the proper people to be involved in planning emergency operations and how to get them involved in the plan; how to involve those who know the risks and vulnerabilities of the area in order to write the best plan; what roles these people play in writing the plan; and how to get local officials to participate in protecting their community.

Mass Fatality Management: Looking at the Issue with a Multi-Faceted Approach (Nesler, Paolo)

The presentation will address the following: 1) Looking at history and potential threats to determine major concerns that can cause mass fatalities; 2) Why mass fatality management is important to the total response effort; 3) Basic mass fatality principals; 4) Identifying major community stakeholders; 5) Bringing in local, state and federal agencies to assist during a mass fatality incident; 6) -Identifying major response capabilities at the national level; 7) Addressing approaches and challenges associated with decontamination of remains; 8) Reviewing some mass fatality concepts of operation; 9) Preparedness activities for a mass fatality event, and 10) Identification and discussion of mass fatality challenges and future trends.

Website registration is recommended...hazmatexplo.org
...otherwise please complete this form and submit it.

Attendee Information

Full Name _____

Street _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____ Email _____

Company Name _____

Conference Fees

Registration (August 1 through October 8) - $199 ..... $ _____

Registration (October 9 through November 6) - $249 ..... $ _____

Registration for Nevada LEPC Members - $95 ..... $ _____

Organization/Agency Name _____ County _____

Weapons of Mass Destruction (WMD) Workshop (Pre-registration required, Max. 40) ..... Free

❑ I would like to attend this class. Please register me. ❑ No thanks!.

Keynote Breakfast - $15 ..... $ _____

Nevada Test Site Tour - $20 (Tour attendees must complete tour form on website) ..... $ _____

Hoover Dam Tour - $20 (Tour attendees must complete tour form on website) ..... $ _____

Total Charges: ..... $ _____

Payment Method

❑ Check - Ck#_____ ❑ Purchase Order - PO# _____

(Make check payable to: HazMat Explo: TIN 88-0178826)

❑ MasterCard ❑ Visa - Number: _____ Exp.Date:_____

Cardholder Name: _____ Cardholder Signature: _____

Website Registration is recommended. If however, you wish to mail application, please mail completed form to:

HazMat Explo 2008
ATTN: Jim O'Brien, Clark County LEPC
P.O. Box 551713
Las Vegas, NV 89155-1713

Cancellation and refunds will be made only if requested on or before October 3, 2008.
Registration may be transferred to another individual if notice is received on or before October 24, 2008.

Classification

What is your primary classification? (If not specifically listed, please choose the closest classification)

❑ Emergency Planning/Special Training ❑ Environmental/Industry ❑ Health and Medical

❑ Homeland Security ❑ First Responder ❑ Radiological

Hotel

Please contact the Tuscany Suites & Casino to make your room reservations: 877-887-2261 or 702-947-5925. Room block cut-off date is October 3, 2008. Don't forget to mention the HazMat Explo when making your room reservations or you might be told they're sold out. An additional 9% Clark County room tax will also apply.

Conference Sponsors:

- Clark County Local Emergency Planning Committee
- Nevada Association of Counties
- Nevada State Emergency Response Commission
- US Department of Homeland Security
- Federal Emergency Management Agency
- US Department of Energy
- US Department of Transportation
- US Environmental Protection Agency

Tuscany Suites & Casino
Main Number: (702) 947-5925
Reservations : (877) 887-2261

Urban Environmental Research, LLC

Urban Environmental Research, LLC. (UER) is a dynamic impact assessment and strategic planning firm that assists our clients' in managing risk and increase their return on investment. Founded in 1998, UER provides expertise in public safety and homeland security, strategic planning and performance measurement, environment, transportation, and training services to both the public and private sectors. The firm is adept at integrating a diverse range of sophisticated methodologies to solve complex social, economic, and environmental challenges. "Our strength is that we address issues that result from the integrations of social, economic and environmental conflicts."

Idaho Technology Inc.

Idaho Technology is a privately held company and home to the fastest, highest-quality machines in the world for pathogen identification and DNA analysis; including DNA amplification, real-time PCR, Hi-Res Melting™, mutation detection and genotyping. Our complement of products includes the R.A.P.I.D.®, R.A.P.I.D. LT, and RAZOR® Systems and the LightScanner®, HR-1™ and RapidCycler® Instruments along with an expanding line of freeze-dried reagents and DNA/RNA purification and test kits. IT BioChem, a division of Idaho Technology, offers a complete list of probes, primers and melting dyes for the LightCycler®, LightScanner, HR-1 and other real-time PCR instruments. Now in our seventeenth year, we are making great strides to ensure that our products remain efficient and user-friendly.

We are backed by a remarkable network of corporate and educational relationships and a growing number of committed and talented team members. For those interested in our history, our achievements, our people, our corporate responsibilities, our work environment, or our latest news, click on any of the areas of interest for further information.

HazMat Explo 2008
Attention: Jim O'Brien
Clark County Emergency Management
P.O. Box 551713
Las Vegas, Nevada 89155-1713

hazmatexplo.org
Phone: 702-455-5710; Fax: 702-455-5718
Conference Coordinator: Kinetix, Inc.
www.KinetixConnect.com
info@ekinetix.com

PRSRT STD
U.S.POSTAGE
PAID
Las Vegas, NV
PERMIT NO. 1338