



Michigan's Emergency Management Conference

Grand Traverse Resort, Acme, Michigan
October 10 - 12, 2011

Workshop Descriptions

General Session – October 10, 2011

9:30 AM – 2:00 PM

Mutual Aid Box Alarm System (MABAS) – Give us the Facts – How to Get Started

Chief Bill Nelson, Troy Fire Department

This program will provide an overview of MABAS-MI and what has been accomplished in the past several years. It will also detail the process to join MABAS and how it will benefit fire departments, local governments, and the emergency management programs within the state.

Understanding the Human Side of Disaster

Dr. Tom Drabek, University of Denver

Drawing on his four decades of disaster research experience, Dr. Drabek will summarize key research findings regarding warning and evacuation behavior, post-impact responses by survivors, organizational responses (including common problems), long-term psychological impacts and adjustments, and a vision for emergency management professionals in the coming decade. His presentation will draw heavily from his recent book, *The Human Side of Disaster*.

Spouse Workshop – October 10, 2011

12:00 PM – 2:00 PM

Married to the Job? Living with Law Enforcement, Fire, Emergency Management, and EMS Spouses

Kathryn Lewis Ginebaugh, Western Michigan University

Being married to a partner who deals with emergency situations on a daily basis has distinct benefits and liabilities as well. Join others as we take a sometimes lighthearted, sometimes serious look at their professions and how families and spouses cope with it all.

Workshops – October 10, 2011

2:20 PM – 3:20 PM

A1. The Impact of Fire Code Requirements on Lock-Down Procedures

Chief Ron Farr, State Fire Marshal

This program will provide the participant with an overview of door locking devices and egress code requirements as they relate to a means of egress from a building. Time will be allocated for questions, answers, and open discussion relating to this topic.

A2. Line of Duty Death

Chief Jeff Hadley, Kalamazoo Department of Public Safety

This workshop will discuss effective ways for addressing a line of duty death, including reviewing policies and procedures, what to do during the first 48 hours, handling media relations, conducting inter and intra departmental relations, the role of the executive officer, as well as coordinating funeral preparations.

A3. Functional Needs Support Services & Shelter Operations

Richard Thelen, Michigan Department of Human Services
David Gutierrez, American Red Cross

Valuable updates will be provided regarding The Federal Emergency Management Agency's (FEMA) guidance for integration of functional needs populations into general population shelters, including a brief definition of "functional needs populations." Presenters will discuss the pros and challenges of sheltering and share best practices from around the country. Learn how the functional needs populations can prepare, what the American Red Cross has already done to accommodate functional needs, and what's coming.

A4. Communication Unit Leader (COML) – What They Do and How to Maximize Their Effectiveness

Chief Bill Nelson, Troy Fire Department

The Communication Unit Leader (COML) has been working on wild land fire Incident Management Teams (IMT) for many years. We now have COMLs being trained at the local government level. Chief Nelson will share their capabilities and what they can they do to assist incident commanders of local events.

A5. Integrated Weather Warning Team (IWT) Concept in Michigan

Rob Dale, Skywatch

Bringing together all entities involved in the weather notification process – emergency management, the National Weather Service, and television meteorologists – will help improve the way severe weather alerts are disseminated to and received by the public. The Integrated Weather Warning Team (IWT) concept will be discussed, with examples of success stories in other states that have already established IWTs.

A6. What's Left After A Tornado!

James Abernathy, Lawrence Technological University

Mr. Abernathy will share a review of building tornado damage patterns, as well as procedures for identifying the safest spaces in buildings (residential and institutional), with an emphasis on schools.

A7. Ensuring Worker Safety and Health During Emergency Response Activities

Gerry Dike, Michigan Occupational Safety and Health Administration (MIOSHA)

Events such as the 9/11 attacks in 2001, the Gulf of Mexico Deepwater Horizon oil spill in 2010, the Enbridge pipeline oil leak in Marshall, Michigan, in 2010, and other disaster incidents required extraordinary efforts by emergency responders and cleanup workers. In emergency conditions like these, the emergency responders and cleanup workers are subject to exposure to a multitude of complex and uncontrolled chemical and physical hazards, some of which can have serious health effects in the long

term. In this presentation/workshop, the speaker will address strategies to protect these workers from adverse health effects that may result from exposures to safety and health hazards associated with emergency response work activities.

A8. Crawford County Wild Fire Experience and Lessons Learned

Dean Rumsey, Caretel Inns of Linden

Have you tested your facility's disaster plan to assure you can effectively communicate and coordinate with local and state emergency management agencies? How would your facility effectively communicate a planned evacuation to residents, families, staff and to those external entities upon whom you rely for safe transfer and care of your residents? What would the recovery phase of such an event look like and what can you do from the start to make recovery successful? This session will touch on lessons learned from a facility within Michigan that survived this experience in the spring of 2010, as well as describe the benefits of regular exercises and drills with your facility staff and residents utilizing facility evacuation and shelter-in-place plans.

A9. Underwater Technology's Response to Terrorist Related Events

Lt. Jack Stewart, Kent County Sheriff Department

Dep. Chief Gary Szotko, City of Grand Rapids

This workshop will discuss the Region 6 project on protecting critical infrastructure and key resources (CIKR), which supports both State of Michigan Region 6 goals and the nationally established priorities identified by the U.S. Department of Homeland Security (DHS). It supports collaboration of response agencies, as well as the private sector, to a terrorist-related event. The workshop will discuss the use of response assets in this shared responsibility. In addition, it will describe their use of DHS grant funding for purchase of equipment to enhance CIKR protection and collaboration of response agencies and resources. The workshop will cover concepts using the Remotely Underwater Operated Vehicle (ROV) in law enforcement investigations, as well as response to terrorist threats, which will be masterfully illustrated in a training DVD developed from a full-scale terrorist exercise on Lake Michigan in Grand Haven. Portions of this DVD will be shown and the presenters will discuss how and why it was produced.

A10. Local Emergency Planning Committee Updates

Jim Breuker and Jay Eickholt, Michigan Department of State Police

Susan Parker, Department of Environmental Quality

This workshop will provide the most current information regarding the Tier II Manager on-line data system. There will also be updated information provided concerning the Hazardous Materials Emergency Preparedness Grant (HMEP), as well as discussion surrounding community hazmat response plans.

3:40 PM – 4:40 PM

B1. The Americans with Disabilities Act and Emergency Preparedness and Response

Julie Secontine, Oakland County

The Americans with Disabilities Act (ADA) provides broad nondiscrimination protection for individuals with disability in employment, public service and public accommodation, as well as services operated by private entities. Although the ADA does not include provisions specifically discussing its application to disasters, its nondiscrimination provisions are applicable to emergency preparedness and response to disasters. President Bush issued Executive Order 13347 in 2004 relating to emergency preparedness for individuals with disabilities. This course will discuss how the ADA and Executive Order 13347 affect your local emergency management programs and will direct you to a significant number of resources to better equip your program to become or remain compliant with the ADA.

B2. Video Tools for Emergency Management and Homeland Security

Donald Bouffard, Michigan Department of State Police

This session will familiarize emergency management and homeland security personnel with the basics of video security systems, mobile video tools and the latest intelligent video analysis software. Modern video equipment can detect abnormal and criminal behavior, slip and fall fraud, track specific objects and even spot cheating at card games in casinos. Modern cell and radio equipment can transmit live video even in rural areas. Understanding the capabilities and limitations of security and mobile video provides emergency management and security personnel with a new set of tools to increase their effectiveness.

B3. Better and Faster Public Warnings Using Common Alerting Protocol (CAP)

Larry Estlack, Michigan Association of Broadcasters

Common Alerting Protocol (CAP) is becoming adopted nationwide as the format to be used to provide much more specific and geo-targeted warning information to be used by variety of existing and yet to be developed devices. All broadcast and cable systems will be ready to accept this format in 2012, as well as cell phones, electronic message signs, and other devices. The Michigan State Police and many counties in Michigan have already invested in equipment capable of creating messages in this format, well ahead of much of the country. The workshop will explore how it works and what considerations should be made to prepare emergency messaging to leverage the features of CAP.

B4. 2011 U.S. Tornado Outbreaks: Lessons Learned for a Better Prepared Michigan

Rich Pollman, National Weather Service

This workshop will provide a review of the 2011 Tornado Outbreaks in the southern U.S. The presentation will include a meteorological overview; some details of the events leading to the outbreaks, during the height of the outbreak, and the aftermath; and lessons learned with specific emphasis on National Weather Service (NWS) warnings, actions taken by the public, and education and outreach. The presentation will place these tornado outbreaks into historical and Michigan context. Of particular note is 1953, which is comparable to 2011 in the number and strength of the tornadoes and unfortunately, the number of deaths. In that same year, 1953, Michigan experienced its worst natural disaster with the Flint-Beecher tornado. In another unfortunate parallel, the 2011 Joplin tornado surpassed the Flint-Beecher tornado as the single deadliest tornado in modern tornado record keeping. Finally, we will engage in discussion among our partners to start a dialog to improve Michigan weather safety education and outreach, NWS warnings, warning dissemination, and the entire weather warning system.

B5. Mobilizing Citizens Corps Volunteers

Marc Griffis, Isabella County Emergency Management Director

This workshop will review several incidents that have impacted Isabella County using the Citizens Corps Volunteer Programs. The incidents had local, regional, and statewide impacts. The presenter will discuss the common themes that occurred during the pre-mobilization, mobilization, and post mobilization of each incident. The workshop will also review the outcomes of a region wide mobilization exercise that occurred in Region 6.

B6. Citizen Corps and CERT 101

Sgt. Bruce Payne, Michigan Department of State Police

Attendees will learn about the Citizen Corps program and its partner programs, including Community Emergency Response Teams (CERT). Attendees will have the opportunity to ask questions and learn about volunteer opportunities.

B7. 5th District Information Sharing

Gene Alli, St. Joseph County Emergency Management
Paul Edwards, Kalamazoo County Emergency Management

Mr. Alli and Mr. Edwards will deliver a history of this project from start to its current state, sharing how these planners develop, insure and deliver information. You will learn more about their different partnerships, both public and private, the training programs they delivered, and more.

B8. Tribal Nations and Emergency Management... A Part of the Solution!

Glenn Zaring, Little River Band of Ottawa Indians

In any disaster or incident, having adequate assets is critical to a successful response. The Tribal Nations of Michigan have assets, trained staff and localized knowledge which can be deployed when needed. In this presentation learn how to determine what the nations have, how to begin or improve working relationships, and how to integrate the nations into your response plans.

B9. Planning, Training, Exercise Requirements of EMPG

Sandy Glazier, Jim Reardon, and Carol Wolfinger, Michigan Department of State Police

In this workshop, you will gain insight and clarification of compliancy with the Emergency Management Performance Grant (EMPG) planning requirements, including a look at the plan content standards and completion of the plan evaluation matrix. This workshop will review quarterly reporting requirements from local jurisdictions to the state, as well as the related process of training and exercise requirements.

Workshops – October 11, 2011

8:00 AM – 5:00 PM

C1. Damage Assessment

Lori Hornbeck, Michigan Department of State Police

This one-day workshop will discuss disaster impact analysis and the steps that local, state, and tribal governments need to take to receive federal assistance. It will build on the concepts of the Michigan State Police, Emergency Management and Homeland Security Division's (EMHSD) two Damage Assessment online courses, highlighting the Preliminary Damage Assessment (PDA) process and the criteria needed to achieve a major disaster declaration and/or Small Business Administration funds. The class will apply the course concepts utilizing case studies. This is a great workshop for all new emergency management coordinators (EMC) and a strongly recommended refresher for experienced EMCs.

Note: Class participants must complete the following two prerequisite courses before the workshop, which are both offered free of charge on MI-Train: Damage Assessment for Team Members and Damage Assessment for EOC Staff

C2. Confined Space Awareness and Non-entry Rescue

****CANCELED****

Participants will learn to identify a confined space and to recognize the hazards associated with them, including an introduction to air monitoring. They will learn basic hazard control techniques and the importance of preparing for non-entry rescue. Simple non-entry rescue techniques will also be covered.

C3. ICS/EOC Interface

Chief Trent Atkins, City of Lansing Office of Emergency Management
Dep. Chief Chuck Booth, Ret., City of Lansing Fire Department

This one day course highlights the concepts and interaction between two disaster management systems: the Incident Command System (ICS) and the Emergency Operations Center (EOC). Both elements will be studied as integral parts of the National Incident Management System (NIMS) required in disaster response. Discussion will examine issues in communication, coordination, and decision-making, enabling participants to properly plan for response and recovery.

4 Hour Workshops – October 11, 2011

8:00 AM – 12:00 PM

D1. Strategy and Tactics at a Train Derailment

Greg Palmer, CN Railroad

Dennis Reilly, Emergency Management & Homeland Security Training Center

Ron Tennant, City of Grand Rapids Fire Department

This workshop will assess a “table-top” derailment of a freight train hauling dangerous, toxic materials. Presenters will use models and realistic documentation to allow participants to fully analyze the containers and their contents. The workshop will attempt to predict the behavior of the chemicals and containers, and their impact on both responders and the surrounding community. Attend this workshop to plan a response, implement that response, and assess our progress.

D2. Oh No. Not Another Meeting!

Marshall Johnson, Marsh Risk Consulting Practice

Say the word "meeting" and most of the time you will hear sighs, groans, or sarcastic remarks. Yet, planning requires a certain skill and often times, tends to be overlooked by leaders and managers as an essence talent for working with others. Well-planned and facilitated meetings will sustain participants' energy and allow them to contribute their best thinking to the planning endeavor. Participants will acquire information about 10 dysfunctional characters, phases that must be completed, “Rule of Thumb” and the Six (6) Golden Rules that must be followed.

D3. MPSCS 800 MHz Radio Use – Refresher Course

Sgt. Gabriel Covey, Sgt. Rich Martin, Sgt. Scott Schlehuder, and Sgt. Andy Stoner, Michigan Department of State Police

This four-hour block of instruction will utilize a ‘hands-on’ approach, introduce and/or review the operation of both the portable and mobile radio and review the concept of zones and talk groups, scanning, radio tones/bonks, battery maintenance, and the 800 MHz system. Interoperability between the various federal, state and local 800 MPSCS users in your region will be discussed.

This block is not meant to replace the initial eight-hour operator course of instruction. This course is designed for those 800 MHz users who could benefit from a review and those individuals representing agencies who may be interested in joining the MPSCS 800 MHz radio system.

D4. Command and Control Techniques of Fire Department Services: Before, During, and After Incident

Sgt. Brian K. Blomstrom, Greenville Department of Public Safety

Steve VanHolstyn, Ionia County Central Dispatch

This class provides newer fire service supervisors and administrators the chance to learn and discuss pertinent command and control techniques needed to provide a safe, cohesive environment for the managing of incidents. Topics to be discussed include training, incident action plans, accountability, technical rescue incidents, hazardous material incidents, MIOSHA issues, and other related themes. Discussion will consist of both lecture-based and open conversation formats.

2 Hour Workshops – October 11, 2011

8:00 AM – 9:50 AM

E1. Chemical Warfare Response

Master Sgt. William Bennett, 51st Civil Support Team

This block discussed chemical hazards and agents; common substances; identification techniques and equipment; first aid; and decontamination procedures.

E2. Understanding and Responding to the Suicidal

Kathryn Lewis Ginebaugh and Karen VanDeusen, Psy.D., LMSW, ACSW, Western Michigan University

This class is for those emergency professionals who would like to understand and relate better to those at risk for suicide. We will explore suicide facts, risk and protective factors, warning signs, and gain some insight into the mind of the suicidal individual. We will examine how you might help those struggling with suicide loss. We will address how emergency professional's attitudes toward suicidal individuals may affect their behavior. We will also discuss suicide death among first responders. This course will be facilitated by mental health professionals and will not address negotiation tactics and response protocols.

E3. On the Road: Transportation and Responder Safety

Phil Wagner, 1-800-BoardUp

Angie Kremer, Eileen Phifer, and Connie Vallier, Michigan Department of Transportation (MDOT)

Crashes and weather are just some of the causes of traffic incidents. Regardless of their origin, unexpected congestion creates risk throughout the transportation system. This has a ripple effect that quickly radiates from the immediate area into surrounding areas and can vary depending on the time and location.

Learn how responder safety can be balanced with traffic movement, what tools are available to scale the response to the incident, and what resources are available when it escalates from a basic traffic incident into the level of widespread disaster...and then get back to normal operations.

E4. Psychological First Aid

Eric Klingensmith, Grand Valley State University

This workshop will provide an introduction and overview of the concept of psychological first aid and stress-related issues that emergency/disaster responders and those who experience a disaster may encounter. Focus will be on recognizing normal stress reactions (in both adults and children), severe stress reactions and when to seek professional mental health assistance, and suggestions for self-care before, during, and after a disaster.

2 Hour Workshops – October 11, 2011

10:10 AM – 12:10 PM

E5. The Bio-threat

1st Lt. Victoria Allard, 51st Civil Support Team

This block discusses biological hazards from the basic level. Topics may include common types; identification techniques, equipment, and sampling; and signs, symptoms, and treatment.

E6. Survival in the Hot Zone

Joseph (Rudy) Walsdorf, Emergency Management & Homeland Security Training Center
Dan Witwer, City of Grand Rapids Fire Department

Entry operations at hazardous materials incident are inherently dangerous. Incidents that require the use of a Level A ensemble places even more dangers and constraints on personnel as maneuverability, visibility, dexterity, and communications are all compromised. There are many problems related to suit usage that may be encountered during entry operations. Are you aware of the problems that may develop? Are you familiar with procedures to address them? This workshop will explore some of the techniques used to self-rescue responders working in this environment.

E7. Flooding - What You Really Need to Know

Tim Fagan and Jamie Tran, Belfor Property Restoration

This two-hour seminar will focus on the current standard of care expected when responding to water damages and floods. Categories of water contamination, health and safety issues, building restorability and appropriate response to these events will be covered. Case studies will also be presented to help bridge theory and practice in small and larger, multiple loss scenarios.

E8. Bomb Threat Assessment Tool for Schools

Spl/Sgt. Daniel Collard, Tpr. Ryan Aper, and Mary Drew, Michigan Department of State Police

High-profile school violence cases along with the unprecedented access to bomb-making instructions on the internet have contributed to the growth of bomb threats, suspicious devices, and homemade bombs in schools, on their grounds, and aboard their school buses. This has left schools in the position of not only educating students but also providing security. This workshop is designed to help schools and first responders respond to a bomb threat in a systematic and orderly manner.

4 Hour Workshops – October 11, 2011

1:00 PM – 5:00 PM

D5. Response Sense Tactics – “Protecting America One Citizen at a Time”

Melissa R. Gladioux, Henry Ford Macomb Hospitals
Brian Pontillo, Sidekicks Martial Arts Studios, Inc.

In this highly interactive program, Response Sense Tactics combines common sense solutions to potentially dangerous situations for emergency responders and those who come in contact with the general public. This four-hour course introduces EMS providers, firefighters, hospital staff, Fire Corps Citizen Advocates, home health care professionals, citizen corps volunteers, emergency management personnel and police officers to practical skills in dealing with aggressive individuals.

Response Sense Tactics instructors utilize professional emergency response experience and martial arts skills to teach preparedness from a situational approach. The course involves 50% classroom work and 50% physical practice. Participants should be ready for a challenging workout and wear comfortable exercise clothing.

D6. Water Rescue

Andy Leahy and Adam Ferrel, City of Dearborn

This class will be targeted to emergency providers that are familiar with EMS and fire scenarios that may have not had much training for water rescue. The instructors will correlate water rescue scenarios relating American Red Cross, NFPA, and National Registration of EMTs, Paramedics, and ACLS. With skills these instructors have learned and taught for several years as American Red Cross providers/instructors for the City of Dearborn, they will take these skills and mix them in with their knowledge of being emergency medical providers and firefighter rescuers to provide a structured water safety/rescue course. Mixing American Red Cross water skills with EMS and fire skills, this class is intended for knowledge purpose; no certificates of water safety will be issued.

D7. Rope Rescue Awareness and Rescue Demonstration

Lieutenant Andy Doornbos, Grand Traverse Metro Fire
Captain Theo Weber, Traverse City Fire

Participants will learn to identify the types of incidents that might require rope rescue and the hazards associated with these events. The program will conclude with a demonstration of rope rescue techniques.

D8. First Observer (TM): Transportation Security Administration (TSA) Anti-Terrorism Domain Awareness Program

Mark Messina, U.S. Transportation Security Administration

First Observer is a TSA anti-terrorism domain awareness program designed to train users to accurately observe, assess and report terrorist/suspicious behavior at no cost to the organization.

In the First Observer session prepared for this year's Summit, anti-terrorism experts with the TSA lead attendees through a modified "train-the-trainer" session. Attendees learn not only how to detect the chain of events leading to a terrorist attack but are trained to break the chain and possibly foil an attack by employing suspicious behavior detection techniques learned in the course.

Upon completion of the course, attendees are certified as First Observer trainers and enjoy the full support of the TSA as trainers launch the program throughout their organization. Endorsed and used by the NFL, MLB, NASCAR, Department of Defense, large metropolitan business districts and other public and private security service organizations, First Observer is easy to integrate with your existing security plans and processes.

2 Hour Workshops – October 11, 2011

1:00 PM – 2:50 PM

E9. Radiological Dispersion Device Response

Sgt. 1st Class David Holmden, 51st Civil Support Team

This block is a panel of expert speakers discussing the threat from a radiological dispersion device, or "dirty bomb", and other radiological hazards. Topics may include characteristics, identification techniques and equipment; first aid; and decontamination procedures.

E10. Higher Education: Best Practices in Event Management and Behavioral Review Team and Intervention Strategies

Lt. Jennifer Brown, Michigan State University Police Department
Capt. Brandon DeHaan and Eric Klingensmith, Grand Valley State University

The first piece of this two part presentation will include a few low-cost/no-cost practices that can be implemented in a variety of events and venues on campuses in Michigan. The second portion will address a program that is currently being utilized helping resolve many significant behavioral and concerning issues on a campus community. The overall goal of this effort is to help keep the campus community a safe environment in which to live, study, and work.

E11. Social Media – 101

James Buttleman, Mecosta County Emergency Management

Over the past 5 years you have constantly heard about tweets, status updates, likes, and friends (the online kind, that is). You may have even dabbled in social networking yourself. And there's that now-infamous movie, of course. Whatever your experience or inexperience, this course will advise you about what you should and shouldn't be doing on today's most-popular social networks when it comes to Emergency Management. This presentation will cover: what are Facebook, Twitter, YouTube, and Blogging; how to use social networking; real life incidents where social networking was used; and things to be cautious about when using social networking.

E12. Incident Action Plan

Gregg Ginebaugh, City of Kentwood Fire Department
Dirk Ubbink, Wyoming Fire Department

Have you ever tried to travel cross county without a map? You need some idea of your destination, your route and how to know you are "there" when you get "there." Winston Churchill once said, "He who fails to plan is planning to fail." The Incident Action Plan (IAP) is the "playbook" that answers all of those who, what, where, when and how questions that are crucial for a coordinated and successful Operational Period. The IAP keeps the entire organization involved, focused and moving forward to the safe and effective conclusion of an event, whether planned or emergent.

Put your Incident Command System (ICS) training to use. If you've taken ICS 300 or 400 and have never used your training, this class will help you develop the skills and confidence needed to prepare an IAP by having the students plan a "community event" in a safe learning environment.

E13. Meth Labs

J. David Feichtner, Farmington Hills Fire Department and Emergency Management & Homeland Security Training Center (EMHSTC)
Tony Garcia, Michigan Department of State Police

This workshop will identify the federal law in place that directs local law enforcement agencies as the lead and responsible agency for meth labs. Although law enforcement is the lead agency, the workshop will address the importance of assuring local plans are in place for a collaborative response from all the needed emergency response agencies required to remediate meth labs.

Two Hour Workshops – October 11, 2011

3:10 PM – 5:10 PM

E14. Nuclear Hazards

Sgt. 1st Class David Holmden, 51st Civil Support Team

This block discusses the threat from nuclear hazards. Topics include the basics of nuclear threats; primary hazards; protection methods; and decontamination procedures.

E15. Readiness-to-Respond Training

Bruce VanOtteren, Michigan Department of Natural Resources (MDNR) Emergency Management
Sgt. Jennifer Wolf, Michigan Department of Environmental Quality (DEQ)
Jeff Lippert, U.S. Environmental Protection Agency (EPA)
Dan Capone, EPA START Contractor (Weston Solutions Inc.)

EPA will provide a detailed look at the Local Government Reimbursement Program and Oil Spill Liability Trust Fund Claims and how they can help State and Local governments conduct cleanups of hazardous material and oil spills. EPA will also present “do’s and don’ts” of emergency response along with case studies detailing how State, Local, and Federal agencies worked together during environmental emergencies. The EPA Superfund Technical Assessment & Response Team (START) contractor will highlight response capabilities and instrumentation. DEQ will provide a detailed account of the Pollution Emergency Alerting System and discuss how state and federal resources work together to support local jurisdictions.

E16. Flooding – What You Really Need to Know

Tim Fagan and Jamie Tran, Belfor Property Restoration

This two-hour seminar will focus on the current standard of care expected when responding to water damages and floods. Categories of water contamination, health and safety issues, building restorability and appropriate response to these events will be covered. Case studies will also be presented to help bridge theory and practice in small and larger, multiple loss scenarios.

E17. Local State of Emergency and State Declaration Processes

Doran Duckworth, Michigan Department of State Police

This workshop will focus on the local and state declaration processes under the Emergency Management Act (1976 PA 390, as amended, MCL 30.401-421). The workshop will describe each process and offer advice on how, and under what circumstances, declarations should be made. It will also offer tips on how to improve initial incident assessments to better document actual threats to public health and safety, and the type and quantity of supplemental resources required to meet situational needs. (Note: This is not a damage assessment presentation, but will complement the material covered in the damage assessment course being offered at the conference.)

E18. CBRNE Defensive Operations for Health Care – Refresher

J. David Feichtner, Farmington Hills Fire Department and Emergency Management & Homeland Security Training Center (EMHSTC)

This workshop will describe the compliancy requirements for the Occupational Health and Safety Administration (OSHA) First Receiver standard. It will also cover emergency planning, training, and exercising as required by the National Incident Management System (NIMS) for healthcare personnel to prepare for CBRNE events.

General Session – October 12, 2011

8:00 AM – 11:30 AM

Emergency Preparedness Organizations: Japan's Fukushima Dai'ichi Nuclear Plant Changes Everything

Mr. Bill Chambers, D.C. Cook Nuclear Plant

This presentation will discuss the major disaster at the Fukushima Dai'ichi Nuclear Plant following the earthquake and tsunami in Japan. Attendees will hear how this incident will change everything in terms of emergency preparedness, especially regarding drill preparation, execution, and response to large-scale emergencies.

Joplin Response and Recovery

Dr. Robert Dodson, St. Johns Medical Center

A tornado was spotted, a warning was issued, the code was called, and the movement of patients to designated safe places was to begin. The hospital shook and vibrated, with glass shattering, light bulbs popping, walls collapsing, people screaming, the ceiling caving in, and water pipes breaking. Dr. Dodson will share his experiences in St. John's Regional Medical Center which took a direct hit from a powerful EF-5 tornado.