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THE GREATER TACOMA CONVENTION & TRADE CENTER TACOMA, WA

<mark>Special Workshops:</mark> Tuesday 1:00 PM – 5:00 PM

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W1 SR530 Landslide: A Collection of Experiences and Lessons Learned

Presented by: Heather Kelly, Bob Bippert, Tom Miner, Jill Watson, Ginger Passarelli, Sheila Lein, Mary Jane Brell Vujovic

The importance of partnering during disasters is referenced in almost every Federal, State, and local emergency management document that exists. The SR 530 Slide disaster is a real world example of how relationships bring expertise and resources at the most critical moments. This panel presentation will highlight the value of established partnerships and the benefits of creating new partnerships during an incident. Speakers will talk to the partnerships of the FEMA Incident Support Team (IST), ESF 6 Mass Care and Human Services, donation and volunteer management, and National Guard deployment

W2 Demystifying Virtual Operations Support Teams (VOSTS)

Presented by: Scott Reuter, Marlita Reddy-Hjelmfelt

The VOST (Virtual Operations Support Team) Workshop will provide an introduction to the VOST concept, discuss how teams have been built and can be built utilizing both in-house staff and/or trusted volunteer team members, and will provide some real-world examples of team building and VOST activations. The workshop will also provide demonstrations of the commonly used VOST tools, and what a virtual team can do to support an EOC or other disaster-related organization during a disaster or incident, giving real-world examples. They will then lead workshop participants through basic VOST operations. Those who wish to participate in the hands-on portion of the VOST Workshop should take time before the workshop to set up a Skype account, a Google account so that you can access Google Docs, and it would be good to be familiar with Facebook and Twitter as well.

W3 Business Continuity and Disaster Recovery: Bringing It All Together

Presented by: Frank Perlmutter, Chris Duffy

This revealing workshop details the foundation of Business Continuity Planning—including establishing integration with IT, IT recovery, and a deep discussion of "how to". Begin by defining a disaster and impact factors, then get an overview of Business Continuity, exploring each of the four components that comprise a full BC Program. This session includes points to ensure success in plan building and concludes with Q&A from a panel of IT and Business Continuity experts—including local practitioners.

W4 The Nickel Mines Amish School Shooting: Regionalization (and What a Local Level PIO Needs to Know When Your Event Becomes International News!)

Presented by: Duane Hagelgans

The Nickel Mines Amish School shooting took place on October 2, 2006. Dr. Duane Hagelgans had been a local level PIO for the City of Lancaster (PA) Fire Bureau since 1992, but nothing prepared him for October 2-6, 2006. Hagelgans will give a two hour presentation on what he describes as "indoctrination by fire" into an international news event. At the end of his presentation, a panel, including Hagelgans will answer questions for an hour about International news events, regionalization and the role of the PIO.



Session A: WEDNESDAY 9:30 – 10:45 AM

A1 Beyond the Basics: Strategies for Creating Truly Disaster Ready Companies

Presented by: Shelby Edwards

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Disruption is our new normal. Today's continuity advisers and disaster managers must move programs well beyond compliance, engaging senior leaders and staff early, proactively, and strategically. What's working? What's not working? Are we asking the right questions, anticipating change, preparing ourselves, our people and our companies for the right risks? This presentation will draw from work with dozens of U.S. companies, our experience with Hurricane Sandy and more. Sharing tools and strategies that make a difference.

A2 Map Your Neighborhood (MYN): Next Steps Tabletop Exercise

Presented by: LuAn Johnson, Vivian Eason, Rosanne Garrand

Neighbors helping neighbors after a disaster happens can save lives. Getting to know each other, prior planning on what to do and who does what and practicing helps everyone become a part of the response and recovery efforts. Rosanne Garrand will provide an overview and update on MYN and how to get supplies from the Washington State EMD. LuAn Johnson will discuss the new Tabletop Exercise components and how to implement within your own neighborhood whether you live in an apartment complex, townhouse, condo or live in the city, suburbs or rural setting. Vivian Eason from Thurston County EM will discuss how they have organized neighborhoods and provide a few stories on how it has benefited people during disasters with neighbors helping neighbors.

A3 A Tale of Preparedness: Ho'omakaukau (Get Ready) Presented by: Lisa Jackson

Tourists as Vulnerable Populations in Tsunami: A Case Study. After Hurricane Katrina, the Post Katrina Emergency Reform Act (PKEMRA) specified that vulnerable populations must be more thoroughly considered in planning. Of particular interest is the "Tourist" population because of their particular vulnerabilities—they are usually unprepared for emergencies, they are unfamiliar with *everything* around them, they are dispersed, and communications with tourists are harder to target. The tourist population is often minimized or overlooked and there are limited case studies from their perspective.

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Lisa Jackson and her family became part of this vulnerable population as tourists in Honolulu, HI for the 2010 Chilean tsunami that created a Tsunami Warning for Hawaii and evacuation of ~50,000 on the island of Oahu that lasted approximately ten hours. Hear this first-hand experience and travel through a live disaster scenario from the eyes of a tourist. This presentation is based on the Lessons Learned/Best Practices and areas for improvement experienced first-hand as a tourist during a Tsunami Warning/evacuation and addresses a problem-solution set specifically for a coastal municipality/county and focuses in particular, on tsunami alert and warning, shelter-in-place directives, evacuation orders (vertical & horizontal), and associated messaging and mitigation solutions.

A4 Personal Property Reunification in Disasters: SR530 Slide (Oso Landslide) Program

Presented by: July Andre

The SR 530 Slide created a situation that required immediate action to manage and reunite personal belongings with survivors. Based on the Joplin Missouri efforts, a detailed plan was developed and implemented. Through that process many lessons were learned about the physical tasks as well as the emotional needs of the property owners and families. The sharing of this information will better prepare local jurisdictions to manage property reunification in a major disaster.

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A5 A Pharmacists Role in Chronic Disease Medication Management During Disaster Response

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Presented by: Vidya Nair, Courtney Sellers

An estimated 50% of the patient population in the United States experiences at least one form of chronic disease in their lifetime. During disasters when these patients become displaced from home and lose their access to chronic disease medications and the associated clinical management services, the impacted community's ability to recover from the disaster becomes further complicated, thereby delaying vital medical care. This was evident in Hurricane Katrina where a clearly defined mechanism for pharmacists to actively manage chronic diseases during disaster response was non-existent2. Countless patients were left without access to medications leading to disease exacerbations, which subsequently led to costly Emergency Department (ED) admissions for critical conditions such as stroke and myocardial infarction. To address this gap in care, Global Humanitarian Pharmacists Network (GHPN) was formed to utilize volunteer pharmacists to provide access to medication therapy management services and prescription orders for maintenance medications to ensure continuity of care. The goal of GHPN is to prevent ED visits that result from patients requiring only refills to maintenance medications and ED admissions subsequent to disease exacerbations resulting from lack of access to medications. This initiative will be initially piloted in Washington (WA) state, followed by regional expansion, with the ultimate goal of launching this initiative nationally in the next three to five years.

A6 Using Computer Aided Simulations to Validate Emergency Management Plans

Presented by: James Rollins

No one wants to imagine the devastation that would cause thousands, or worse, tens of thousands of citizens to seek emergency care and sheltering as the result of a disaster such as a subduction zone earthquake. This unimaginable scenario creates a great deal of uncertainty for planners and leaders, and can result in a form of planning paralysis. What hospitals and shelters will survive the disaster? Will there be sufficient bed space? What will be the costs? How will we feed all of these displaced people? Are facilities located in the right places? Do we have the right agreements in place across multiple authorities? Do we have the right supplies ready to go? These uncertainties make it seemingly impossible to glimpse into the dynamics decision-makers will contend with in a catastrophe. Notwithstanding, computer assisted simulations may provide an answer. Simulations provide a viable way to break through planning paralysis and to realistically test emergency response, and community recovery plans before the event. Simulations effectively flatten and consolidate cross-functional areas within complex organizations. This organizational flattening and consolidation is an important feature, because it is often difficult to see the effects of one's decision, across an entire complex organization. Simulations provide the "systems view" and can effectively account for the behavior of citizens in a crisis. The results and data provided by the simulation can then be used by officials to improve plans.

A7 Carlton Complex Wildland Fire Disaster (Okanogan County, 2014)

Presented by: Scott Miller

This presentation will cover the Carlton Complex wildland fire disaster in Okanogan County in July-August, 2014, and the flash floods and mudslides that occurred immediately after the fires, using descriptions and pictures of the disaster, statistics, and lessons learned. Subjects covered will include: EOC activation and operations, Command and Control issues, staffing challenges, public expectations, facilities and equipment, communications (call center operations, media relations, real time information, social media, rumor control, amateur radio operations), emergency notification systems, volunteer and donations management, evacuation problems, animal sheltering, individual and group self-deployments, human resource/people problems, IMT relationships, stress management, assistance from outside jurisdictions, infrastructure breakdowns, resource limitations, and elected officials.

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Session B: WEDNESDAY 11:00 AM – 12:15 PM

B1 Incident Management

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Presented by: Ty Harris

Incident management is often done in the vacuum of a specific business function. Stakeholders are often unaware of an incident until it is deemed a crisis. Starbucks has embarked on an effort to centralize and professionalize the awareness, assessment, notification and facilitation roles throughout the enterprise to enable a more rapid and holistic response to crisis.

B2 Collaboration with Water Utilities: An **Essential Service for Response & Recovery**

Presented by: Kelly Hubbard

Water is an essential service that no one thinks about until they try to turn their facet on and it's dry. Water is so ingrained in our everyday lives that we don't think about its role in sanitation, health, emergency response, food preparation, or our daily caffeine fix. But is water ingrained into your emergency planning concepts, partnerships, logistical planning, and mutual aid systems? If it's not, then your agency is missing a key component of its emergency planning. Come learn more about this essential resource, how to collaborate with your utilities and fill this gap in your emergency plans.

Topics that will be covered:

- Disasters most likely to impact water utilities, the impacts of those disasters, and the utilities role as a first responder;
- Information about the Water and Wastewater Agency Response Network, a national mutual assistance program for water utilities;
- The FEMA approved American Water Works Association Water & Wastewater Mutual Aid & Assistance Resource Typing Manual;
- · How to create a Water Liaison position within your EOC or ICP;
- Lessons learned in water emergency response.

A New Animal Response Model: Local, **B3** State, National, and Federal Collaboration! Presented by: Dick Green

We have come a long ways since Hurricane Katrina. Today, community planners recognize the importance of including animals in their emergency operation plan. States, national animal rescue groups, and the federal government are much more collaborative in their response efforts. This presentation will use the recent flooding in Alaska to demonstrate a new collaborative approach to dealing with large scale human and animal issues.

B4 Future Shock: How Technology, the **Economy, Politics, and Generational Shift** Are Influencing Rapid Evolution in the **Emergency Management Field**

Presented by: Marcus Deverin

This presentation will demonstrate how and why the field of emergency management is on the precipice of dramatic change due to various social, economic and political factors. The presenter will offer numerous examples of how this evolution is already occurring, as well as strategies for EM practitioners at all levels to utilize themselves for adapting to this changing landscape.

B5 Will You Dominate Your Next Oil Response?

Presented by: Dr. Scott Harris

Failure to dominate will cost you leadership and control of your response. That destroys credibility in the media and community and adds zeros to the cost of everything you do. A former U.S. EPA Federal On-Scene Coordinator details specific steps for dominating your next response, including fluency in ICS and the NCP, the rules of engagement when operating in Unified Command and strategic placement of qualified and credentialed personnel within the response structure.

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B6 Managing Urban Floods in a Changing Climate

Presented by: John Labadie

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The problems posed by urban flooding are difficult enough to confront and manage. These problems will become even more troublesome as the climate continues to change, as the degree and extent of climate variability move in unpredictable ways, and as a high level of uncertainty remains regarding the trends and possible next equilibrium state(s) of the world climate. The main thrust of this presentation is to examine the major aspects of urban flood management through the lens of climate change.

The presentation is more about the "management" process and less about the technical, structural, and capital-intensive strategies usually pursued in coping with urban floods. It also explores the vital interaction and necessary overlap of urban flood management with land use management, urban planning, socio-economic development, and public awareness and participation. All of these issues lie at

the core of planning for and carrying out strategies for climate change adaptation.

B7 Public Alert & Warning: Are We Doing It Right? *Presented by: Chris Utzinger, Roy Benavente*

Disaster response begins with timely and effective warning. The presentation will cover what social science tells us about public response to disaster warnings and the steps involved between threat detection and warning dissemination. The presentation will give an overview of current technologies, such as the Integrated Public Alert & Warning System (IPAWS) and the associated Emergency Alert System (EAS) and Wireless Emergency Alerts (WEA). Emergency managers will learn how IPAWS is being implemented in the State of Washington, how the Washington Emergency Management Division and the State Emergency Operations Center's Alert & Warning Center can support local and tribal jurisdictions, and what considerations are necessary to make the public alert and warning effective.

Session C: WEDNESDAY 1:30 – 2:45 PM

C1 Planning for Disaster Response and Business Continuity: Experiences of an Engineering Consulting Firm

Presented by: Wayne Adams, Scot McQueen

With 13 offices in seven states, the 350 staff of the geotechnical/environmental consulting firm GeoEngineers work and live in areas potentially affected by a full range of disasters, including earthquakes, tornadoes, and hurricanes. The company's commitment to disaster preparedness began with the hiring of a corporate Health and Safety Program Manager (HSPM) who reports directly to the company CEO. Over the period from 2009 to 2014, the HSPM collaborated with Senior Management, Business Unit Leaders and office staff to develop Emergency Action Plans (EAPs) for each office within the company. Key elements of the EAPs include personal and family preparedness, facility-specific tenant response procedures and evacuation plans for specific disaster scenarios, and a Business Continuity Plan (BCP) appendix with Recovery Action Plans for incremental periods following a disaster that disrupts business operations (one hour, 24 hours, 48 hours, one week, two weeks, one month, and long term). Development, implementation, testing, and refinement of the EAPs and BCPs will be presented, including incorporation of results from table-top exercises and disaster drills in program improvements and upgrades.

C2 Identifying Vulnerable Populations & Resources in Emergency & Disaster Planning Presented by: Brent Meldrum, Ryan Acker

Disasters have a broad range of impacts from rendering individuals homeless to trapping people and their families in isolation without access to resources. Individuals with limited mobility are often most vulnerable and first responders need to know how to best reach this population when it matters most.

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This interactive presentation is designed to provide participants with a new way to identify priority or otherwise vulnerable populations. Additionally, this panel aims to increase awareness of regional tools and options for partner providers. Participants will gain tools and information to ultimately improve their ability to reach vulnerable or disparately impacted individuals during a disaster.

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This presentation is produced by Community Transportation Association of the Northwest. Our members serve some of Washington's most vulnerable and disparately impacted populations. We strive to promote mobility options for all individuals through collaboration, education and advocacy.

C3 Dogs & Field Traumatology: A Partnership That Worked in an EOC

Presented by: Raquel Lackey, Mary Schoenfeldt

Shortly after the 530 Mudslide began, there was a specific request to bring Field Traumatology Services (Disaster Stress Management and Compassion Fatigue Services) inside the Emergency Operations Center to offer Disaster Stress Management right from the start to all who were inside that windowless room helping to coordinate the field response. The Emergency Manager knew this was going to be a hard one and he didn't want to wait to provide support to those working this disaster. He understood the role of Field Traumatology is to keep good people working by offering the right kind of support during the long hours/days ahead.

In the EOC, Incident Command Sections were being formed, Volunteers and Emergency Managers came from hundreds of miles away, organized chaos was the norm and people were working long hours with few breaks. We tried something different, something new and as a seasoned FEMA Operations Chief said when he arrived three weeks into the disaster... "I've been in countless EOCs after disasters and I've never seen one as calm and as collaborative as it is here". When he asked us what we did, we told him the same thing we will tell the participants in this workshop!

C4 Down by the Riverside: Recovery Efforts of the Minot Community and School District After the Souris River Flood of 2011 Presented by: Mark Vollmer

resented by: wark volimer

The Minot Public School District experience 76 million dollars in loss as a result of the devastating Souris River Flood of 2011. Mark Vollmer, Superintendent of Minot Public Schools qualitative research of the event and corresponding recovery efforts provides an indepth summary of what went right and what did not. Emphasis will be placed on the experience of vulnerable residents affected by the flood. Practical, "how to" recommendations for successful recovery will be presented.

C5 Designing for Resilience: Building the Adaptive Capacity of Human Centered Systems for Information Sharing

Presented by: Melissa Braxton, Mark Haselkorn

The federal government has invested heavily in resilience in recent years, including the development of technologies to increase resilience by enhancing our ability to share information. However, in complex socio-technical systems comprising people and technology, having the right information at the right time, in the right format is not primarily about having the right technology-it is about having the right relationships with the right people. The introduction of a new technology to an information environment, even one that is intended to be positive, can be disruptive and can test community resilience. Frequently, technology designed to enhance information sharing disrupts social networks and relationships. To design for resilience, we need to understand the information-sharing environment, including people and relationships, not just technology.

This was the goal of year one of the Maritime Operational Information Sharing Analysis (MOISA) project. We present lessons learned from MOISA year one, demonstrate methods for understanding information sharing, and strategies for the design, implementation, and evaluation of evidence-based interventions increase the resilience of the information environment. MOISA a research partnership sponsored by three Federal Agencies and is the flagship project of the University of Washington's Center for Collaborative Systems for Safety, Security, and Regional Resilience (CoSSaR).

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C6 Building Regional Resilience through Active Partnerships

Presented by: Matt Cutts, Daniela Todesco

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Cross-Jurisdiction and Public-Private Partnerships are the best ways to share information, form relationships, and take action before catastrophic events to improve mitigation, preparedness, response, and recovery. This presentation will cover two areas that lead to regional resilience.

Expanding existing professional networks to form partnerships leading to sustainable cross-jurisdiction, cross-sector, cross-discipline collaboration that builds regional resilience, including The Infrastructure Security Partnership and a review of the June 2014 Cascadia Earthquake Preparedness Workshop. This was a joint effort between the Society of American Military Engineers, Cascadia Region Earthquake Workgroup, Washington Centers of Excellence, and Centralia College; with speakers from FEMA, Washington Emergency Management Division, Oregon Office of Emergency Management and Department of Energy, Bonneville Power Administration, Tacoma Power, the Army Corps of Engineers, and Oregon State University. The Triple 3 Resilience Target proposed by Yumei Wang & Kent Yu in "Resilience Engineering Frameworks" indicates that U.S. civil engineers traditionally focus on life safety, not on performance of critical infrastructure systems — without sufficient regard to interdependencies on other systems or the consequences of system failures on community disaster recovery. The Triple 3 Resilience Target illustrates how low resilience leads to long disaster recovery while high resilience leads to faster disaster recovery.

C7 The New National Preparedness Sysytem and NIMS Revision and How They Will Affect Federal, State and Local Operations and Recovery

Presented by: Mathew Bernard

There are a number of changes happening with the National Preparedness System and Revision to the National Incident Management System (NIMS). Join Matthew Bernard, the FEMA Region X NIMS Coordinator as he shares with us the latest information from the FEMA and how it will affect the emergency management community.

Session D: WEDNESDAY 3:15 – 4:30 PM

D1 Practical Business Continuity Planning Presented by: Scott Preston

A relaxed discussion about practical guidance and business continuity for organizations in all sectors and all levels of planning. We'll discuss why insurance is not actually protection and why impacts are more important than risks and threats to your planning.

D2 Seattle Emergency Communication Hubs Presented by: Cindi Barker

After a disaster, what will volunteers do in your community? Learn firsthand from an all volunteer network of disaster responders what will happen in Seattle. The Seattle Emergency Communication Hubs form a network of neighborhood based locations throughout Seattle. They are connected by a support group network and have taken a very grass-roots approach to community preparedness. They are not a part of the city, but work in close partnership. Key to their success has been the flexibility each hub has in implementation—similar but not cookbook. How can this work? Please attend for information and discussion about how this might apply in your community.

D3 Wine & Water All Shook Up: Response to Napa Earthquake 2014 Presented by: Raymond Riordan

On August 24, 2014 at 3:20 am, a 6.0 Magnitude Earthquake struck Napa County. The most significant damage shook the renowned, bucolic City of Napa. Over 140 main breaks turned streets into rivers and

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streams, shut water off to homes and shutdown the historic business district. Wineries can't make wine without water and the most significant regional event was around the corner...the harvest. Come learn about:

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- How Napa Public Works Department responded to a year's worth of breaks in one week and reopen the business district and residents the water they need before the Labor Day Weekend and warmer temperatures
- How was bulk and bottled emergency water delivery coordinated
- What emergency water measures were constructed or put in place during response
- · How mutual aid and assistance engaged
- How and who provided information on water issues to public
- How employees respond, especially those that had damage to their own home

D4 Unaccompanied Children Crossing the Border: The Federal Response and State Implications Presented by: Andrew Stevermer, Jenny Holladay

Caring for thousands of unaccompanied children crossing the Mexican border into the United States became a national emergency last year. The federal government developed a Unified Coordination Group with HHS, FEMA, and CBP to respond to this crisis. This session will be led by Andy Stevermer, Regional Emergency Coordinator for the U.S. Department of Health & Human Services, Assistant Secretary for Preparedness and Response. Andy led the overall HHS response in the first weeks of the crisis last summer, coordinating across multiple agencies and missions. This session will examine how the federal response operated, the challenges of caring for the surge of unaccompanied children, and the implications for Washington State.

D5 RRAIN In Washington? We've Got An App For That!

Presented by: Jamie Gray, Gail Kouame

The University of Washington Health Sciences Library, in conjunction with four state and local partners, received a grant from the National Library of Medicine to develop a mobile app tailored specifically to the needs of Washington State-based emergency responders: Response and Recovery App in Washington (RRAIN). The goal of the project is to help responders prepare and then respond to events with an authoritative and appropriate knowledge base in a mobile optimized format - ready to go when they are. The spectrum of resources is inclusive enough to support responders at all levels, from citizen to practitioner. Responders can have peace of mind that the selected content is freely available and produced by well-respected organizations such as the Washington State Department of Health, the National Library of Medicine, and the Centers for Disease Control and Prevention. So, bring your mobile device and join us for a hands-on demonstration of RRAIN resources.

D6 If Only It Weren't for the People...

Presented by: Deborah Needham

Emergency management is all about relationships. No one in our business ever has enough time, resources, or expertise to go it alone, so we rely on others to do their part. Yet how many times have you been stalled in a project and caught yourself saying, "If only it weren't for the people..."? How you manage those relationships is critical to your success and the effectiveness of your work. This presentation will probe the workings of the human mind as it relates to cooperative relationships and shared ventures. Specific attention will be given to the unique environment and stresses of emergency management work. Most importantly, you will learn how to change the only person in the world that you can change - yourself - in a way that is meaningful in order to leverage the human factor to better achieve your mission.

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D7 Partners In Weather Preparedness: New Weather Technologies and Information You Need To Know

Presented by: Ted Buehner

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This session provides an extension of information presented in the basic session. Topics include:

- How to obtain and use National Weather Service (NWS) all-hazards weather support
- Significant Pacific Northwest weather patterns
- Storm Surveys what they are, when are they done and the local emergency manager's participation in them
- Washington's Presidentially weather-related disaster rankings and fatality statistics

- How to use the NWS web page such as interpreting the weather radar and satellite imagery, climate/historical data, spotter reports, new digital forecasts and use in your GIS operations (live demo is planned)
- What new or revised technology is available for your use
- StormReady and TsunamiReady communities what do they mean to you and how to apply and get recognized for the work you do
- Address your questions

The National Weather Service is a partner with the emergency management community in the joint effort to help save lives and property from all-hazards. Look for an interactive and informative session, one that helps answer those questions you've always wanted to ask.

Session E: THURSSDAY 9:30 – 10:45 AM

E1 Business Recovery After A Disaster

Presented by: Ken Jenkins

The Business Recovery After A Disaster high impact seminar will provide you the awareness and clarity to impact and educate your team on how to respond when tragedy hits.

Whether it be a natural disaster or a man made disaster, recovery of your business depends on your response. Ken will explain the key strategies of moving your company from the disaster in to successful recovery.

E2 CCC as a Community Organization Active in Disasters

Presented by: Barbara Nelson

Each Citizen Corps Council is a reflection of the unique characteristics of its community. Pierce County CCC (CCC-PC) is a network of agencies and organizations passionate about supporting people impacted by disasters. By coordinating efforts, we shore up gaps in unmet services. CCC-PC grew from a room full of agencies and organizations talking about what they do, to understanding they can be resources for each other, to growing an integrated network of agencies, non-profits and faith-based organizations working together to help community residents.

CCC-PC has the familiar CERT, MRCs but also includes Care Teams, PC-NET Community Emergency Shelters, a Disaster Survivors Advocacy Team (DSAT), a liaison team in the EOC during a disaster. As we move forward, our goal is to cross-train volunteers in a variety of skills to keep them aware and engaged and strengthening our capacity to effectively support our communities.

We have strong support from Emergency Management, and as such, know they understand and value the role volunteer organizations have during disasters. We are also a 501(c)(3). In establishing this autonomy, we can look to a variety of sources for funding for future training we want to offer. Finding these resources is proving challenging, but we are confident this ultimately will strengthen our capability to collaborate with one another.

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E3 Partnerships for Preparedness: A Regional Approach to Emergency Transportation Planning for Vulnerable Populations

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Presented by: Robin Pfohman, Sheri Badger, Jon Morrision Winters

The need to safely and efficiently transport people, before, during and after emergency situations is critical. This is particularly true for those whom community and public transportation is their primary means of mobility. Typically these transit-dependent groups have special needs, which could include persons with physical/mental disabilities, elderly persons or those living in assisted-care facilities and low-income families. Under the best of circumstances, meeting the daily transportation requirements of these special needs populations is challenging. During emergency situations, however, these transportation dependent populations become more vulnerable and overcoming mobility challenges becomes urgent.

In the Puget Sound UASI Region in Washington State (Pierce, King and Snohomish Counties), we determined that emergency management and special needs transportation are not adequately integrated at the planning, functional, or operational levels and convened a planning group. Over the past 18 months, the Vulnerable Populations Transportation Planning Workgroup has focused the region's attention to this issue and developed methods, practices, and technology applications to improve transportation communication, coordination, and management of emergency response. Focus areas include integrating communication and coordination between and within community based organizations (CBOs), community based transportation providers (CBTPs) and Offices of Emergency Management (OEMs).

E4 Support your Local EOC: ESF8 Resource Manual Presented by: Travis Nichols, Susan Sjoberg

ESF8 is vast and complex, even for agencies who have primary responsibility in its key disciplines. In this session, we'll share a newly developed manual to assist emergency managers and EOC staff with the specialized needs of public health and healthcare providers. The WA Region 9 ESF8 Resource Manual simplifies lingo and quickly directs EOC staff to the subject matter experts who can connect needs with resources. Come and see how this manual could help prepare your EOC to best serve your healthcare community.

E5 Crisis Communication Tips for the Non-PIO Spokesperson

Presented by: Lynne Miller, Michelle Chatterton

What if your public information officer is sick or on vacation during a crisis and you have to serve as spokesperson? Do you know how to organize your thoughts and deliver your message effectively? Do you have the tools you need to look and sound like a "pro"? This session will arm you with communication tips and techniques anyone can apply when facing an anxious crowd or the media's camera lens.

E6 Project Safe Haven & the Ocosta School District Presented by: Charles Wallace

Project Safe Haven was developed to assist tsunami vulnerable communities along the Washington Coast. The community driven process helps identify alternative evacuation methods and locations for vertical evacuation. The evening of March 11, 2011 (the night of the devastating Japanese earthquake & tsunami), the first public meeting in Grays Harbor County, WA on Project Safe Haven was presented in Ocean Shores. One of the possible vertical evacuation sites selected was at the Ocosta School District near Westport, where all 725 students, staff and faculty evacuate to the second floor of the high school. The concern is whether the building could withstand the forces of tsunami wave action and if it's high enough to prevent the second floor, where all will seek refuge, from being impacted by tsunami waves.

This past year, the Ocosta School District has undertaken a monumental effort to build a new elementary school using specific vertical evacuation, earthquake and tsunami engineering—the first tsunami engineered building in the nation. The school will be able to house all from the school district on a designed roof area protecting them from harm during a tsunami event. The project has become a model for our state, our country and internationally.

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E7 A Conservation District's Role During a Natural Disaster: A Case Study of the Okanogan Conservation District and the Carlton Complex Fire

Presented by: Bill Eller

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Conservation Districts are divisions of local government primarily responsible for conservation of natural resources on private lands. During and after a natural disaster, conservation districts can play an important role in coordinating governmental entities as they respond to private landowner needs. Okanogan Conservation District (OCD) filled that role during the Carlton Complex Fire in July-September 2014. The Carlton Complex started on July 14 from four lightning caused fires, and burned 255,181 acres (NFS Acres (79,795) Other Federal (6,157) Tribal (590) State (69,885) Private (98,753)). It became the largest wildfire in Washington State history, consuming over 300 homes and destroying critical infrastructure. The OCD coordinated local, state, federal, tribal and NCO agencies to meet the needs of local private landowners affected by the fire. OCD also advocated for and created a first of its kind State and Local Burned Area Emergency Response Team, modeled on the United States Forest Service's BAER team. The S/L BAER team was able to interface with the USFS BAER team to provide a comprehensive analysis of the burned area, allowing for a holistic approach to emergency protective measures and recovery and restoration efforts.

Session E: THURSSDAY 9:30 - 10:45 AM

F1 Seattle City Light: A Case Study on the Design and Implementation of an IT Business Continuity Program

Presented by: Karla Oman, David Brown

This presentation will examine the history of the Seattle City Light IT Business Continuity Program, its lessons learned and best practices adopted, and the steps towards programmatic maturation.

F2 Team Rubicon Our Service Continues...

Presented by: Michael Washington

Team Rubicon seeks to provide our veterans with three things they lose after leaving the military: a purpose, gained through disaster relief; community, built by serving with others; and self-worth, from recognizing the impact one individual can make.TR also aims to "bridge the gap" between military and civilian life.

"Bridge the Gap" refers to Team Rubicon's primary mission of providing disaster relief between the moment a disaster happens and the point at which conventional aid organizations respond. The "gap" is primarily time; the crucial window following a disaster when victims have traditionally been without outside aid. When the "Gap" closes—once conventional aid organizations arrive—Team Rubicon moves on.

F3 Recovery from a Local Disaster: Considerations and Lessons Learned from SR 530 Slide (Oso Landslide)

Presented by: Heather Kelly

Comparison of the National Disaster Recovery Framework (NDRF) and regional catastrophic planning as applicable to local disasters and a discussion of how to plan for both the geographical specific and the regional catastrophic incident. The complexity about recovery efforts that are not captured in the NDRF or most other plans.

F4 Schools and Emergency Response Partners: Collaborating for Success

Presented by: Marcy Schoenfeldt

Schools are where our most valuable community members spend the majority of their time. They are traditionally safe place but what happens when that safety is shattered? How can we all work together to ensure minimal loss of life or property? How can the school work more effectively with the Emergency Management community, the EMS and Police responders? FEMA has updated the All Hazards for Schools course and we have several highly qualified trainers taking this course around the state. This

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workshop will look at best practices from recent school incidents and combine those lessons with proven Emergency Management principles that lead to more effective response. Come see what's new, what's needed and what's working.

F5 Earthquake Early Warning: **Forewarned Is Forearmed**

Presented by: Bill Steele

APRIL 14 - 16

Earthquake Early Warning (EEW) can provide alerts seconds to minutes before strong shaking arrives. Cal Tech, UC Berkeley, and the University of Washington have been developing a prototype EEW system for the West Coast of the US. Eventually, in cooperation with Natural Resources Canada, we hope the system will provide warnings for the entire Cascadia Region.

This session will investigate how EEW works today in the Cascadia Region. We will also discuss:

- How did EEW work in the M6 South Napa Earthguake on 8/24/2014?
- What improvements are in the works?
- What is required to move from the current experimental warning project to an operational warning system?
- What organizational and public education efforts are required to empower people to make "risk wise" decisions when they receive warnings?
- F6 Washington Statewide Catastrophic Incident **Planning: Update and Progress Report on** Launch of Statewide Catastrophic Incident Planning Team (SCIPT)

Presented by: Jason Biermann, Karen Reed, John Ufford

Since the Summer of 2014, a team of six state agency representatives has been meeting with representatives from each of the nine homeland security regions to collaborate in advancing statewide catastrophic planning in a manner that is integrated across all levels of government and with the whole community. The group is building off the success of the Puget Sound Regional Catastrophic Planning Team. This session will update attendees on the scope and progress of this statewide effort, the team's objectives, charter and work plan. It will provide an opportunity for attendees to ask questions and offer ideas about how a statewide catastrophic planning effort should be shaped to maximize the benefits for state, local and tribal governments and the whole of community. Draft approaches to the planning framework and concept of operations for statewide catastrophic planning will be shared for review and input by attendees.

F7 From the Crater to the Courtroom: A **Historical Perspective of Volcano Hazard** Management in Washington State

Presented by: William Lokey

The experiences with Mt. St. Helens added volcano mitigation, preparedness, response and recovery to the agenda of many emergency managers. This presentation reviews the historical perspective on the strategies, lessons learned and best practices in volcano hazard management from the 1970's to present using Mt. St. Helens and Mt. Rainier as case studies. It will cover experiences and issues with emergency preparedness, the development of public policy and land use planning, legal challenges, public education strategies, warning and evacuation planning and volcano monitoring and research, including a report on an expedition to the summit of Rainier in 2014 to further volcano hazard information.