



**Pacific Northwest Disaster Resilience Symposium Agenda**  
**PNWER Annual Summit | July 24-25, 2017**  
**Marriott Hotel | Portland, Oregon**

**Monday, July 24**

7:30-9:00am	Registration and Continental Breakfast Note: The continental breakfast for disaster resilience workshop attendees will be held separate from PNWER Summit breakfast just outside of the Mt.Hood Room on the 2nd Floor.
9:00- 10:30am	<p style="text-align: center;"><b>Defining Disaster Resilience</b></p> <p><i>Resilience is a fairly new term that is being used in many different contexts. Disaster resilience is one of areas in which the term is being used by different organizations and levels of government. This session will delve into how organizations are currently using the term and the ways in which they are working to improve the disaster resilience in their respective communities. A roundtable discussion of participants about disaster resilience in their respective organizations will be part of this session.</i></p> <p>Moderator: <b>Eric Holdeman</b>, Director, Center for Regional Disaster Resilience</p> <p>Panelists: <b>Mike Harryman</b>, State Resilience Officer, Governor Kate Brown’s Office <b>Christina Caffrey</b>, Executive Advisor to Chief Tom Sampson and Deputy Chief Sue Henry, Calgary Emergency Management Agency <b>Charlene Milliken</b>, Program Officer on Risk, Resilience and Extreme Events, National Academies of Sciences, Engineering and Medicine <b>Daniel Stevens</b>, Director, Vancouver, B.C. Emergency Management</p>
	15-min. Coffee break
10:45am-12:15pm	<p style="text-align: center;"><b>Public-Private Partnerships on Resilience</b></p> <p><i>The private sector is a vital part of the emergency management community. The vast network of business, industry, academia, trade associations &amp; other non-governmental organizations are equal — and equally responsible — partners in every phase from preparedness to response &amp; recovery to mitigation. This panel will explore how high-impact, sustainable public-private partnerships (P3) provide crucial frameworks to address complex emergency management goals.</i></p> <p>Moderator: <b>Tristan Allen</b>, Private Sector &amp; Infrastructure Program Manager, Washington Emergency Management Division</p> <p>Panelists: <b>Carmen Merlo</b>, Director of the Portland Bureau of Emergency Management, City of Portland <b>Deb Moller</b>, Former Program Manager, Oregon Office of Emergency Management <b>David Matthews</b>, Founder, Cyber Incident Response Coalition and Analysis Sharing group <b>Jim Ammons</b>, Business Continuity Director, Nike</p>

12:30-2:15pm	Lunch (Lunch will be with larger PNWER Summit)
2:30-3:45pm	<p style="text-align: center;"><b>Climate Change and Adaptation</b></p> <p><i>The Pacific Northwest Region primarily experiences the impacts of climate change in the increasing variability of our hydrological cycles and in the increasing length and intensity of our fire seasons, which impact forest resources. These climate changes have economic impacts for our growing regional economy. The speakers on this panel will unpack the latest in our region’s climate science, talk about efforts to adapt to climate change impacts at the local level in the City of Portland, and detail national efforts in Canada to adapt both public infrastructure and private insurance to better address climate change risks.</i></p> <p>Moderator:  <b>Laura Bruno</b>, Regional Planning Coordinator, Regional Disaster Preparedness Organization</p> <p>Panelists:  <b>Kathie Dello</b>, Associate Director of the Oregon Climate Change Research Institute  <b>Michele Crim</b>, Sustainability Manager, City of Portland Bureau of Planning and Sustainability  <b>Marianne Armstrong</b>, Research Council Officer, National Research Council Canada  <b>David McGown</b>, Senior Vice President for Government, Regulatory and Public Affairs, IBC</p>
	15-min Coffee break
4:00-5:15pm	<p style="text-align: center;"><b>Oil Train Safety and Emergency Response Planning</b></p> <p><i>This session will provide audience members with pertinent information in regards to railroad tank car design and phase out schedule, updated safety features, drone use for bridge/track inspection, crude oil movement update, HazMat Rail Emergency Response/Planning/Training considerations, Canadian perspective, and an Oregon rail legislative perspective.</i></p> <p>Moderator:  <b>Chad Hawkins</b>, Hazmat Rail Program Coordinator, Oregon Office of the State Fire Marshal &amp; Oregon State Police</p> <p>Panelists:  <b>Rep. Barbara Smith Warner</b>, State Representative, Oregon House District 45  <b>Steve Pegram</b>, Director, Columbia County Office of Emergency Management  <b>Timothy O’Brien</b>, Director Hazardous Materials Management, Union Pacific Railroad  <b>Justin Piper</b>, Director, Hazardous Materials Safety, Burlington Northern Santa Fe Railway  <b>Marc Grignon</b>, Regional Director, Surface Pacific Region, Transport Canada</p>
9:00 – 11:00pm	Hospitality Suite

## Tuesday, July 25

7:30 – 9:00am	Registration and Continental Breakfast Note: The continental breakfast for disaster resilience workshop attendees will be held separate from PNWER Summit breakfast just outside of the Mt.Hood Room on the 2nd Floor.
9:00 – 10:30am	<p style="text-align: center;"><b>Cybersecurity</b></p> <p><i>How does disaster response change when the underlying disaster is cyber-caused or includes a cyber component? Most exercises assume normal communications capabilities -- what will command and control - and response - look like when assumed communication modes are compromised or lost? The session will start with a cyber-caused disaster scenario and dive into diagnostics, the challenge of responding in a communications-compromised environment, potential loss of hierarchical management through social media exploits and other issues in the cyber-physical-human dimension of disaster response.</i></p> <p>Moderator: <b>Virginia Wright</b>, Program Manager for Domestic Nuclear Cyber Security, Idaho National Laboratory</p> <p>Panelists:  <b>Stephen Flynn</b>, Founding Director, Global Resilience Institute, Northeastern University  <b>BG Brad Richy</b>, Deputy Chief, Idaho Office of Emergency Management  <b>Troy Thompson</b>, Chief Information Security Officer, Pacific Northwest National Laboratory  <b>John Sladek</b>, Consultant, Lofty Perch Inc.</p>
	15-min Coffee break
10:45am - 12:15pm	<p style="text-align: center;"><b>Technologies Impacting Disaster Resilience</b></p> <p><i>High speed wireless networks and related technologies are vital to modern society for communications, to manage critical infrastructure, and to support response and recovery from major disasters and daily public safety incidents. These technologies include broadband cellular networks, smart phones, automated electrical system infrastructure, smart cities and the Internet of Things. This panel will discuss how these networks function daily, but also how they are resilient and restored after a disaster.</i></p> <p>Moderator: <b>Bill Schrier</b>, Senior Advisor, FirstNet</p> <p>Panelists:  <b>Kelly Enright</b>, Customer Care Director, Seattle City Light  <b>Grant Tietje</b>, Senior Project Manager, Public Safety and Emergency Management Pacific Northwest National Laboratory  <b>Bob Desiato</b>, Director , AT&amp;T Technology Operations</p>
12:30 – 2:15pm	Lunch (With larger PNWER Summit) Plenary Topic: Disaster Resilience

2:30 – 3:45pm	<p style="text-align: center;"><b>Critical Infrastructure Interdependencies</b></p> <p><i>Recovering from the devastating impacts of a M9.0 Cascadia Subduction Zone (CSZ) earthquake and tsunami will require tremendous collaboration between the private and public sectors. One challenge to this collaboration is the sheer complexity of the recovery given the numerous dependencies and interdependencies of the region’s critical infrastructures. This session will explore two infrastructure sectors that are key to a successful CSZ recovery – transportation and energy – and the systems, frameworks, and organizations that might be put into place now to prepare for recovery operations before the ‘Really Big One’ strikes.</i></p> <p>Moderator: <b>Patrick Massey</b>, Regional Director, DHS Office of Infrastructure Protection</p> <p>Panelists:  <b>Yumei Wang</b>, Geotechnical Engineer, Oregon Department of Geology and Mineral Industries  <b>Pat Griggs</b>, Emergency Management Specialist, Bonneville Power Administration  <b>James K. Maltby</b>, Corporate Director of HSE, Lynden Transport  <b>Art Spillman</b>, Asset Program Manager, Port of Portland  <b>Jim Donihee</b>, Chief Operating Officer, Canadian Energy Pipeline Association</p>
	15-min. coffee break
4:00 – 5:15pm	<p style="text-align: center;"><b>Calgary Flood and Alberta Fires Response and Recovery</b></p> <p><i>Alberta, Canada has been impacted by a number of severe weather events over the last few years, including the 2013 southern Alberta floods and the 2016 Fort McMurray wildfires. These events have become the most costly disasters in Canadian history and the trends indicate these events will happen more and more often in the province. As a result government, industry, non-profits, business, individuals and all other sectors have become more prepared and more resilient. Learn from a variety of experts on how they’ve managed to work through these defining events and how they work together to foster a collaborative resilient culture.</i></p> <p>Moderator:  <b>Christina Caffrey</b>, Executive Advisor to Chief Tom Sampson and Deputy Chief Sue Henry  Calgary Emergency Management Agency</p> <p>Panelists:  <b>Richard Davidson</b>, Director EH&amp;S Fort Hills Operations, Suncor Energy  <b>Jody Wolfe</b>, Manager of Corporate Strategy, United Way of Calgary and Area in Calgary  <b>Bill Adams</b>, Vice President, Western Region, IBC</p>
6:00-8:00	Reception
9:00-11:00pm	Hospitality Suite