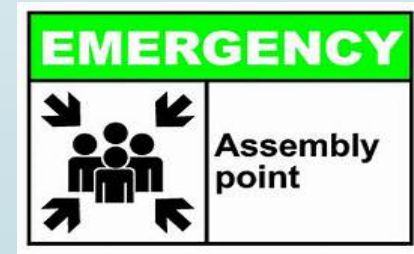




# Threat and Hazard Identification Workshop

# Administration

- Restrooms
- First Aid and AED Kits
- Earthquake (Drop, Cover, Hold)
- Evacuation (Routes, rally point, accountability)
- Microphones





# Welcome

Nicole Johnson, Planning, Mitigation, & Recovery  
Supervisor

Pierce County Emergency Management



# Agenda

- ▶ Hazard Presentations(15 min)
  - ▶ Programs and funding
- ▶ Hazard Impacts Discussion
  - ▶ Identify mitigation strategies
- ▶ Capability Assessment (if time allows)
  - ▶ Identify ways to close gaps



# Objectives

At the end of Day 2, participants will:

- Understand how to incorporate assessments and data into mitigation plans
- Understand local and state hazard programs and funding sources
- Name some mitigation strategies

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# Worksheet

- ▶ Notable Impacts
- ▶ Project Ideas (Scope)
- ▶ Funding Sources
- ▶ Partners
- ▶ General Notes



# Hazard Specific Questions

- ▶ What are some notable incidents where this hazard occurred in our jurisdiction? The region?
- ▶ What is the impact in terms of:
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# Capability Assessment Questions

Based on the impacts we discussed, what gaps do we have in the areas of:

- Planning?
- Organization (mutual aid, policies)?
- Equipment?
- Training?
- Exercise?



# How Do I Add This Information To My Mitigation Plan?

Topic	Reference	Comments
Profile Data Resources	Section 2: Profile	Demographic analysis
Resources	Section 4: Hazard Identification and Risk Assessment Section 5: Mitigation Strategies	
Hazard Specific Questions	Section 4: Hazard Identification and Risk Assessment Section 5: Mitigation Strategies Section 6: Infrastructure	
Capability Assessment Questions	Section 3: Capability Section 6: Infrastructure	



Questions?





# Hazard Specific Questions

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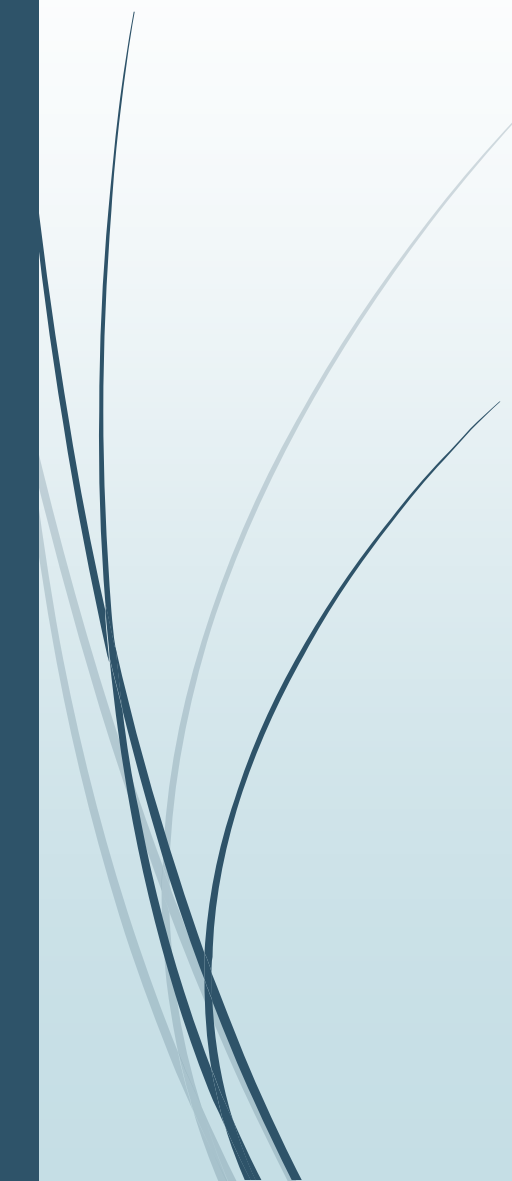
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Based on the impacts we discussed, what gaps do we have in the areas of:

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- ▶ Exercise?



# Closing Comments

- ▶ Any last questions?
  - ▶ Next steps
- 



Day 2



# Administration

- Restrooms
- First Aid and AED Kits
- Earthquake (Drop, Cover, Hold)
- Evacuation (Routes, rally point, accountability)
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# Welcome

Nicole Johnson, Planning, Mitigation, & Recovery  
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# Energy Emergency / Power Outage



# Hazard Definitions

- ▶ Energy Supply Alert: A situation which threatens to disrupt or diminish the supply of energy, to the extent that public health, safety, and welfare may be jeopardized.
- ▶ Energy Emergency: A situation in which the unavailability or disruption of the supply of energy poses a clear and foreseeable danger to the public health, safety, and welfare.
  - ▶ electricity
  - ▶ petroleum distillates such as gasoline, diesel fuel, aviation fuel, heating oil
  - ▶ propane
  - ▶ natural gas



# Grants

- ▶ Growth Management Services
  - ▶ Critical Areas Ordinance
    - ▶ 100 year floodplain element
    - ▶ Natural hazard reduction element
  - ▶ Local Government Division
    - ▶ Community Development Block Grant program
- ▶ Public Works Board
  - ▶ Public works trust fund - construction loans, emergency loans
- ▶ <https://www.commerce.wa.gov/open-grants-loans/>



# Programs and Services: Planning

- ▶ Energy Emergency Planner with State Energy Office \*New Position\*
- ▶ Regional Resiliency Assessment Program through DHS <https://www.dhs.gov/cisa/regional-resiliency-assessment-program>
- ▶ Mapping tool for utilities and state emergency management to track power outages and restoration.



# Programs and Services: Planning

- ▶ Planning (efforts in progress)
  - ▶ Emergency Support Function 12 (Jill Nordstrom is lead)
  - ▶ Energy Emergency Plans
    - ▶ Fuel Action Plan
      - ▶ Petroleum
      - ▶ Jet Fuel
    - ▶ Energy Assurance Plan
      - ▶ Natural Gas
      - ▶ Electricity
  - ▶ Fuel Supply Chain Program





# Training & Exercise Programs and Services

## ► Training

- Emergency Support Function 12 - Response Team
- Training to Department of Commerce Director, Joint Committee Energy Supply and Energy Conservation, governor's office

## ► Exercises

- E-ISAC/ NERC's Grid Security Exercise (GridEx) is an opportunity for utilities to demonstrate how they would respond to and recover from simulated coordinated cyber and physical security threats and incidents, strengthen their crisis communications relationships, and provide input for lessons learned. The exercise is conducted every two years.

<https://www.nerc.com/pa/ci/cipoutreach/pages/gridex.aspx>



# Resources

- Grants <https://www.commerce.wa.gov/open-grants-loans/>
- Energy Office <https://www.commerce.wa.gov/growing-the-economy/energy/washington-state-energy-office/>
- Critical Infrastructure Vulnerability Assessments <https://www.dhs.gov/CISA>
- National Infrastructure Advisory Council (NIAC) <https://www.dhs.gov/national-infrastructure-advisory-council>
- North American Electric Reliability Corporation (NERC) <https://www.nerc.com/pa/Pages/default.aspx>
- FEMA Region 10 Power Grid Risk Profile [http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/mitigationplanning/Shared%20Documents/PrivateSector/FEMA\\_RegionX\\_Power\\_Grid\\_Risk\\_Profile\\_2019\\_Final.pdf](http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/mitigationplanning/Shared%20Documents/PrivateSector/FEMA_RegionX_Power_Grid_Risk_Profile_2019_Final.pdf)



# Contact

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State Energy Office

Department of Commerce

[Elizabeth.king@commerce.wa.gov](mailto:Elizabeth.king@commerce.wa.gov)

Direct: (360) 764-0126



# Hazard Specific Questions

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# Capability Assessment Questions

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# Hazard Defined

- Infrastructure and structural collapse and/or failure
  - Structural collapse or failure of buildings and other critical infrastructure such as bridges, water, sewer, or power lifelines.



# Funding

- ▶ Department of Commerce  
<https://www.commerce.wa.gov/building-infrastructure/pwb-resources/>
- ▶ Infrastructure Assistance Coordinating Council  
<http://www.infracfunding.wa.gov/>
- ▶ Department of Homeland Security  
<https://www.grants.gov/learn-grants/grant-making-agencies/departments-of-homeland-security.html>



# Critical Infrastructure Resources

- ▶ American Society of Civil Engineers (ASCE) Infrastructure Report Card <https://www.infrastructurereportcard.org/state-item/washington/>
- ▶ Risk and Infrastructure Science Center <https://www.gss.anl.gov/center-for-risk-and-infrastructure-sciences-overview/>
- ▶ EPA Drinking Water and Wastewater Resilience <https://www.epa.gov/waterresilience>
  - ▶ <https://www.epa.gov/sites/production/files/2016-08/documents/160815-hazardmitigationfornaturaldisasters.pdf>
- ▶ [National Critical Infrastructure Protection Plan](#) (guiding document from the feds)
- ▶ [Analysis of Critical Infrastructure Dependencies and Interdependencies](#)
- ▶ [Guide to Emergency Management Information Portals](#) that are relevant to critical infrastructure



# Hazard Specific Questions

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# Capability Assessment Questions

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# Terrorism Defined

- ▶ A terrorist incident is a violent act or an act dangerous to human life, in violation of the criminal laws of the United States, or of any state, to intimidate or coerce a government, the civilian population, or any segment thereof, in furtherance of political or social objectives. It is broken down into domestic and international.



# Terrorism Programs

- ▶ Urban Area Security Initiative Grant Program
- ▶ Threat and Hazard Identification Risk Assessment and Stakeholder Preparedness Review  
<https://www.fema.gov/threat-and-hazard-identification-and-risk-assessment>
- ▶ Washington State Fusion Center performs threat assessments and information management services including supporting the protection of critical infrastructure and key resources.  
<http://www.wsfc.wa.gov/About>



## Terrorism Scenario SAMPLE (1/6)

- ▶ Hate groups are espousing 'leaderless resistance' for fighting multiculturalism and political correctness. Social media platforms contribute to the radicalization of these hate groups and to the growth of a nationalist movement. Punctuated violence highlights the externalization of ills blamed on multiculturalism and aligns with indicators of mass violence (e.g. violent fantasy content in writings, drawings or within reading/viewing violence; anger problems; fascination with weapons/accoutrements; boasting/practicing fighting; interest in previous shootings; victim/martyr self-concept; and acting out violence and cruelty).

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## Terrorism Scenario SAMPLE (2/6)

- Anonymous and disparate connections with online extremism content has become mainstream within wide spectrum of hate groups. This complex social online movement harbors grievance, animosity and a belief of injustice especially against those considered immigrants or from marginalized communities. Within the Seattle region, a small network of hate supremacists is ideologically motivated by a strategy of violence. The group's goals include racial, ethnic supremacy; opposition to government authority; and end of current open border immigration practice.



## Terrorism Scenario SAMPLE (3/6)

- ▶ Across the spectrum of national immigration rallies, a concurrent Seattle rally is met by counter-protesters. The purpose of the counter-protest is to actively draw attention from nearby media outlets away from the rally to actively seeking to disrupt the rally by conflict of a non-violent or violent nature. Emerging counter-protest tactics include distraction, disruption and diversion.
- ▶ Reports are received of a small rental truck parked illegally on the street near the Seattle immigration rally; one report identified the truck as appearing to be 'loaded too heavy' .... 'springs have slight curve' .... 'very little clearance between axle and rubber bumpers attached to the frame'.



## Terrorism Scenario SAMPLE (4/6)

- Immigration centers, refugee affairs offices in Tacoma, Seattle and Everett receive telephone calls from a spoofed phone number declaring 'war' on 'illegals' and threatening 'we also have several (deterrents) in place including car bombs in parking lots and on side streets'. The message stated "we" want to watch as these bombs 'level everything in (a) 400 yard radius'.
- Supporters have hijacked websites, social media forums with hate videos, vitriol, and propaganda statements identifying 'war' on non-white immigrants.
- A two-person team (man and woman) ascends into an iconic business building/facility posing as tourists; at the viewing level/viewing promenade, the team opens fire on tourists and rigs the elevator/stairwell with explosives.



## Terrorism Scenario SAMPLE (5/6)

- Calls are received identifying suspicious parked 'rideshare' vehicles near ferry terminals, homeless encampments, and houses of worship (mosques and synagogues).
- Several downtown hotels and retail towers are reporting incidents of shootings. Callers describe situations varying from a single shooter to an apparent team of shooters. Police are attempting to discern the scope of shootings, locations and types of weapons being used; however, communication is sporadic, chaotic and overwhelming emergency call centers.
- An apparent team of shooters have indiscriminately shot and killed pedestrians before retreating into a hotel and taking hostages.



# Terrorism Scenario SAMPLE (6/6)

- ▶ Security officers at a Seattle pier facility report a large truck crashed through a terminal gate; gunshots and small explosions have occurred.
- ▶ A security check finds an unattended backpack inside Pike Place Market walkway; a cursory check of the backpack revealed several clear, sealed plastic bags containing a gray mash-like substance along with several baby-food type jars filled with the mash. One plastic bag was found to be opened and contained a small amount of white powder.
- ▶ An unattended backpack left inside a Metro bus explodes.





# Hazard Specific Questions

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# Capability Assessment Questions

Based on the impacts we discussed, what gaps do we have in the areas of:

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# Civil Disturbance

- ▶ **Civil Disturbance:** means acts of violence and disorder prejudicial to the public law and order. Civil unrest is the result of groups or individuals within the population feeling, rightly or wrongly, that their needs or rights are not being met, either by the society at large, a segment thereof, or the current overriding political system. When this results in community disruption to the extent that intervention is required to maintain public safety, it has become a civil disturbance. Civil disturbance may be a cascading consequence of the impacts from a natural disaster as demonstrated in Hurricane Katrina.
  - ▶ Can include: riots, acts of violence, insurrections, unlawful obstructions, protests or assemblages.



# March for Workers and Immigrant Rights

- ▶ El Comité and the May 1st Action Coalition are holding the 20th Annual March for Workers and Immigrant Rights on May 1, 2019, in Seattle, Washington. International Workers Day, also known as “May Day,” is a day dedicated to advocate for fair working conditions and workers rights.
- ▶ The March for Workers and Immigrant Rights has historically been peaceful; however, in past years a small group of agitators not associated with the March for Workers and Immigrant Rights have engaged in nefarious activity at the conclusion of the event. The WSFC remains concerned that outside groups and individuals could see May Day **as an opportunity to vandalize commercial facilities, commit arson, or engage in targeted violence towards law enforcement and opposing groups**. The WSFC will continue to monitor any threats to May Day activities and notify partners if necessary.
- ▶ A DHS review of previous attacks in the United States and Europe since 2015 identified five common factors that potentially influenced target attractiveness: presence of large crowds, public accessibility, limited egress routes, gaps in security response capabilities, and the ability to time attacks to maximize casualties.



# Hazard Specific Questions

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# Mitigation (1/2)

Mitigation efforts are designed to reduce the impacts of a security event on human life and damage to company property. The measures listed here provide an organization with the ability to reduce impacts that may occur during civil unrest.

- ▶ **Threat Identification:** Maintain active awareness of protests and movements in an organization's area of responsibility. Social media contractors may be especially helpful in providing an early warning system by datamining social media posts associated with civil unrest to identify times and locations of planned events and associated actions that are identified.
- ▶ **Government/Law Enforcement Relationships:** Government and local law enforcement (LLE) should have access and a detailed understanding of an organization's facility. Introducing an organization's key personnel to law enforcement is especially beneficial as it gives first responders a good idea what is critical or dangerous to the public. Law enforcement's integration into existing plans should occur well in advance of events. Traffic considerations are especially important, as this aids in keeping key routes open and safe.



## Mitigation (2/2)

- ▶ **Signage:** Delineate property lines to prevent confusion and provide clarity to both protestors and law enforcement at what point trespassing occurs.
- ▶ **Highly Visible Security:** Visible security measures can deter aggressors. Perimeter-focused monitoring, placement of security personnel, and increased illumination can make people reconsider the difficulty of entering or damaging a facility.
- ▶ **Facility Hardening:** Perimeter security such as walls, fences and restricted areas should be well defined and in proper working order. Additionally, standoff distance between demonstrators and company buildings and facilities should be created. Improvements to ground floor glass could mitigate building damage.
- ▶ **Mutual Aid Agreements:** Damage to equipment and the inability to resupply can be addressed through the establishment of mutual aid agreements to provide assistance if local resources are not available.
- ▶ **Intelligence Sharing and Security Services:** Security managers should establish intelligence sharing processes to receive, distribute and share intelligence on potential civil unrest activities. This information, along with law enforcement briefs and damage reports, should be used to update executives within the C-Suite.