

Climate Resiliency Comprehensive Plan Integration

**February 8, 2023
4-6PM**



Welcome!

Agenda

- 4:00 – 4:15PM** Welcome & Introductions
- 4:15 – 4:30PM** Climate Resiliency Comp Plan Integration Overview
- 4:30 – 4:50PM** Climate Impacts & Vulnerability
- 4:50 – 5:50PM** Review Draft Policies for Integration
- 5:50 – 6:00PM** Key Themes & Next Steps

Project Team

City of Port Angeles

- **Ben Braudrick**, Senior Planner, Resilience Planning Lead
- **Zach Trevino**, Project Manager

Cascadia and BERK Consulting

- **Gretchen Muller**, Presenter/Facilitator
- **Lisa Grueter**, Presenter/Facilitator
- **Ben Silver**, Vulnerability Assessment
- **Jenna Decker**, Tech support and note-taker

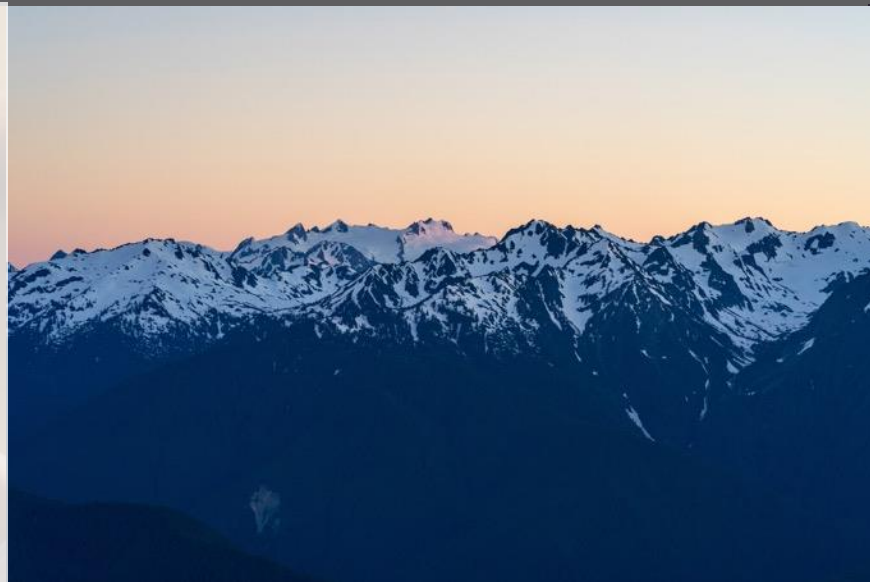
Department of Commerce

- **Michael Burnham**, Climate Resilience Lead

Our **objectives** tonight...



**Introduce the
Climate Resiliency
Comprehensive
Plan Integration
Project**



**Share overview of
climate impacts
and climate
vulnerability**

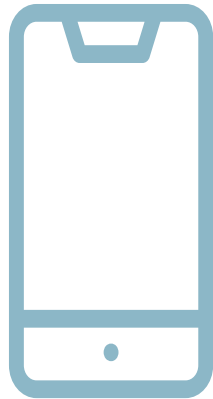


**Review and discuss
draft resiliency
policies for
integrating into the
Comprehensive
Plan**



Pollev

Use your phone to text or open a new browser window with your computer or phone



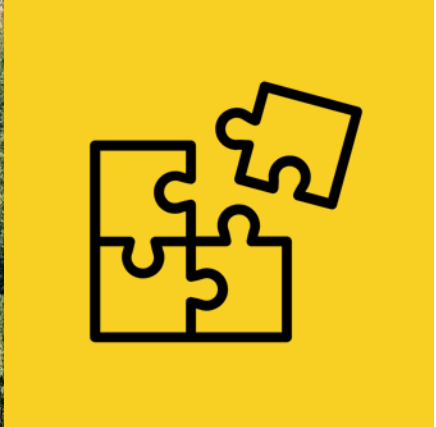
OR



Text "CASCADIA" to 22333

Go to pollev.com/cascadia

**What is one thing you, your family, or community has done
to be more climate resilient?**



Climate Resiliency Comprehensive Plan Integration Project

Port Angeles Resiliency Planning History

Climate Resiliency Plan

- **Response to** the 2016 Comprehensive Plan update.
- Goal of **preparing Port Angeles to be resilient** in the face of climate hazards and their impacts, like sea level rise
- **Based upon** best available science.
- **Provides long range policy and strategy guidance** for greater sustainability, efficiency, and resilience for our community (built environment) and ecology (biological systems).
- **Adopted** in 2022
- Implementation Plan **approved** in 2022

2022 North Olympic Development Council (NODC) Disaster Resiliency Project

- Collaborative multi-stakeholder process to identify and prioritize local and regional resilience strategies that address natural disasters and hazards

Washington State Department of Commerce

Pilot Program

Purpose: Provide guidance and tools for integrating climate change into comprehensive plans

Objectives:

- Develop a **Model Climate Element** to illustrate how counties and cities can develop and implement plans, goals, and policies that build communitywide climate resilience.
- Select three jurisdictions to participate in pilot project to test and improve guidance (**Port Angeles**, Woodland, Pullman).
- Provide **flexible pathways** for communities who have done some or limited climate planning – e.g., build on CAPs.

Process



Sectors Considered

- **Agriculture** (includes production and distribution);
- **Buildings & Energy** (includes generation, transmission, and consumption);
- **Cultural Resources & Practices** (includes historic sites and cultural resources and practices);
- **Economic Development** (includes business continuity, opportunities);
- **Emergency Management** (includes preparedness, response, recovery);
- **Human Health** (includes community well-being and engagement);
- **Ecosystems** (includes terrestrial and aquatic species, habitats, and services);
- **Transportation** (includes multimodal travel and infrastructure);
- **Waste Management** (includes materials recycling and disposal);
- **Water Resources** (includes water quality and quantity);
- **Zoning & Development** (includes site use, design, and other development facets).

Local Climate Hazards



Increased heat

Heavy rains, flooding, and
landslides



Summer drought, reduced
snowpack, and wildfire

Rising sea level



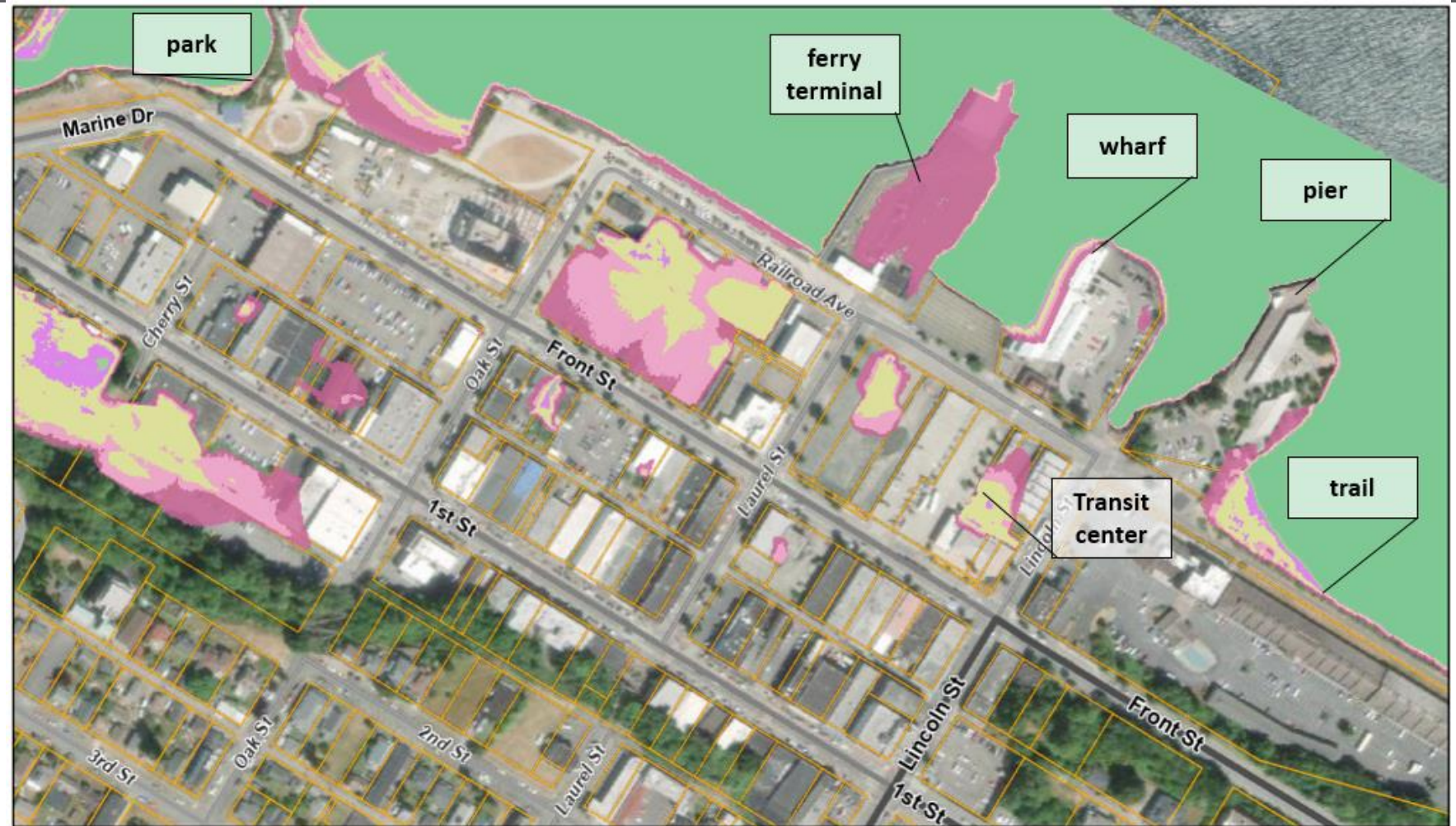
Vulnerability Assessment: Sea Level Rise

Question: How will sea level rise impact downtown assets (parks, pier, trail, transit, etc.)?

- Vulnerability considers assets' sensitivity and adaptive capacity
- Risk considers flooding probability and magnitude

Method: Initially assessed SLR probability (50%, 17%, 1%) for 2050 and 2100 under high- and low-emission scenarios, adjusted for risk tolerance.

Upshot: Coastal parks and other low-elevation assets are exposed to flooding now, and SLR will increase risks.



2/1/2023, 2:51:52 PM

1.8 feet (2100 - 50%)

2.5 feet (2100 - 17%)

Current Storm Surge (3.1 feet)

4.6 feet (2100 - 1%)

5.6 feet (2100 - 17%, plus 3.1 ft storm surge)

7.7 feet (2100 - 1%, plus 3.1 ft storm surge)

Survey Control

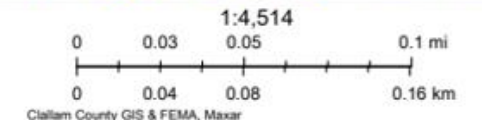
City boundary

Parcel

Side streets

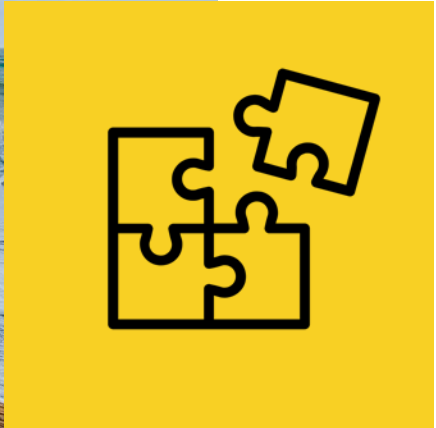
Arterials

Collector





Q&A in chat or
raise hand



Review & Discuss **Draft** **Resiliency** **Policies** for Comprehensive Plan Integration

Review and Discussion Process

1

We'll review resiliency policies by sector (11 total)

2

Participate using PolIEV:

- a. Do any of the policies stand out as very important?**
- b. Are there any policies missing or that need to be revised?**



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Transportation (multimodal travel & infrastructure)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p><u>Increase the resilience of transportation structures to floods, extreme precipitation events, sea level rise, and reduced snowpack</u></p>	<p><u>Asses the following roads in conjunction with WSDOT for flooding and landslide hazards:</u></p> <ul style="list-style-type: none"> • <u>Address Highway 110/La Push Road flooding</u> • <u>Address Highway 112 and Route 113 flooding</u> • <u>Relocate or better stabilize 101 and other main routes</u> <p>(NODC Disaster Resiliency Planning)</p>	<p>Transportation</p>	<ul style="list-style-type: none"> • Enhances resilience
<p>See above</p>	<p><u>Protect and adapt critical facilities and their operations to reflect risks of sea level rise such as at the Black Ball Ferry Terminal and other essential public facilities.</u></p>	<p>Transportation</p>	<ul style="list-style-type: none"> • Enhances resilience

Transportation (multimodal travel & infrastructure)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p>G-10E To provide a system of walking trails and bicycle paths to complement and coordinate with the existing street system and provide recreational opportunities and physical activity while reducing the dependence on traditional automobile transportation.</p>	<p><u>Maximize bicycle and pedestrian infrastructure and other active-transportation systems.</u></p>	<p>Transportation</p>	<ul style="list-style-type: none"> • Reduces emissions • Enhances resilience • Improves health and wellbeing • Improves air quality
<p>G-4A To develop a coordinated, multimodal transportation system, which serves all areas of the city and all types of users in a safe, <u>accessible</u>, economical, and efficient manner.</p>	<p><u>Protect infrastructure along waterfronts, including roads and structures,</u> <u>Evaluate risks of future building on coastal bluffs for sea level rise impacts.</u></p> <p><i>(NODC Disaster Resiliency Planning)</i></p>	<p>Transportation</p>	<ul style="list-style-type: none"> • Reduces emissions • Enhances resilience • Improves health and wellbeing • Improves air quality

Transportation: Do any of the policies stand out as very important?

Transportation: Are there any policies missing or that need to be revised?

Zoning & Development (site use, design, & other facets)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p>G-3A To guide land development in a manner that balances providing certainty about future land use and allowing flexibility necessary to adapt to future challenges and opportunities.</p>	<p>P-7A.10 Review all new development for impacts on climate change and adaptation to sea level rise <u>through SEPA</u>.</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Provides cost savings • Provides ecosystem services
<p>See above</p>	<p><u>Pursue alternatives for more resilient existing coastal development in high-risk areas that are prone to erosion, landslide, and flooding. For example, both development at both the top of bluff and marine bluff toe are affected by erosive activities of undercutting from sea level rise and wave action and extreme weather events. This action would be informed by the sea level rise vulnerability assessment and may include:</u></p> <ul style="list-style-type: none"> • <u>Disincentivize development and remove existing infrastructure in the coastal nearshore (i.e., managed retreat). If not possible, retrofit infrastructure for coastal flooding and sea level rise.</u> <p>(Integrate Climate Resiliency Plan BE-2, Action 47)</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Provides cost savings

Zoning & Development (site use, design, & other facets)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p>G-8D To reduce the amount of impervious surface created by new developments and thereby reduce stormwater management costs and environmental impacts to the City and its natural resources, reduce development costs to private property owners, and provide safe and more attractive streets through traffic calming, safe pedestrian amenities, and improved street edge landscaping</p>	<p>P-6A.13 Encourage the use of Low Impact Development stormwater management techniques (such as vegetated roofs, permeable pavement, and bioretention) for all new developments.</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Provides cost savings • Provides ecosystem services • Reduces emissions • Sequesters carbon
<p>G-3H To provide opportunities for industrial development in a manner, which efficiently uses the community's natural resources and physical environment, has minimal impact on the natural environment, contributes to quality of life, and is compatible with the desired development patterns</p>	<p>P-3H.07 <u>Through the SEPA process</u>, consider the climate change impacts of any proposed new industrial activity or expansion before approval</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Improves air quality • Improves health and wellbeing • Enhances resilience • Reduces emissions • Promotes equity and justice

Zoning & Development: Do any of the policies stand out as very important?

Zoning & Development: Are there any policies missing or that need to be revised?

Buildings & Energy (generation, transmission, & consumption)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p>G-3B To ensure residential land use and development is compatible with the environment with existing uses and residents, and with desired urban design <u>in a way that increases resilience against climate impacts such as drought and extreme heat.</u></p>	<p>P-3B.06 Encourage residential development to preserve and capitalize on existing unique natural, historic, archaeological, and/or cultural features including promotion of native and drought tolerant vegetation and scenic views. <u>Encourage new residential development to underground utilities to promote resilience.</u> Encourage design of new residential development to maximize southern exposures and solar efficiency, protects from prevailing winds, and is designed to minimize energy use.</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Improves health and wellbeing • Ecosystem services

Buildings & Energy (generation, transmission, & consumption)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<u>Enhance energy and resource efficiency and diversify the grid to build resilience and capacity to prepare for increased energy demand.</u>	P-6A.12 Encourage the use of Green Building techniques for new developments and support Green Built certification for new developments <u>to improve efficiency of new developments.</u>	Land Use	<ul style="list-style-type: none"> • Enhances resilience • Reduces emissions
See above	P-3H.06 Allow the conditional siting of clean-energy facilities (e.g., solar, wind, geothermal, wave, tidal) outside of industrial areas <u>to increase the supply of renewable energy to the grid.</u>	Land Use	<ul style="list-style-type: none"> • Improves air quality • Reduces emissions
See above	P-5D.10 Encourage the use of renewable energy in both the private and public sectors, providing all reasonable support and advocacy at the State level for regulations and incentives that encourage such installations. <u>This may include strategies like incentivizing active and passive solar building design and leveraging existing Bonneville Power Administration programs (e.g., energy efficiency incentives) and state and federal funding sources.</u>	Utilities and Public Services	<ul style="list-style-type: none"> • Improves air quality • Reduces emissions

Buildings & Energy (generation, transmission, & consumption)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p>G-3K To encourage the development of parks and recreational opportunities for all residents of the City and to increase access to natural areas in a manner that minimizes adverse impacts and achieves the desired urban design of the City.</p>	<p>P-3K.04 Preserve and maintain unique or major physical features contained within the boundaries of City parks and recreational areas for access and enjoyment by residents of the community. <u>Adapt parks and recreation facilities to reflect the risks of climate change including sea level rise, extreme heat, extreme precipitation, and drought. Prioritize actions based on the critical nature of the facility. Consider the relationship of facilities to emergency management and human health such as facilities used as community hubs. Consider business continuity and economic development, such as the wharf, beaches, and trails.</u></p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Improves health and wellbeing
<p>See above</p>	<p>P-3K.05 Cooperate with the County and other jurisdictions in planning, funding, constructing, and managing multi-purpose recreation and transportation trails which link together various areas of the City, the Port Angeles Urban Growth Area (PAUGA), and other areas of the County and region. <u>Adapt trail designs, materials, and locations to reflect the risks of sea level rise.</u></p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Improves health and wellbeing

Buildings & Energy: Do any of the policies stand out as very important?

Buildings & Energy: Are there any policies missing or that need to be revised?

Emergency Management (preparedness, response, & recovery)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<u>Enhance emergency services to address response to extreme heat, drought, flooding, sea level rise, and wildfire.</u>	<u>Identify safe evacuation routes in high-risk debris flow and landslide areas.</u> <u>Improve knowledge of landslide hazard areas and understanding of vulnerability and risk to life and property in hazard-prone areas.</u> <u>Evaluate current landslide warning systems to ensure effectiveness and efficiency and increase coordination between local jurisdictions.</u> <u>Strengthen response to landslides by incident management teams to increase resilience.</u> (NODC Disaster Resiliency Planning)	Utilities and Public Services, Capital Facilities	<ul style="list-style-type: none"> • Enhances resilience • Improves health and wellbeing • Provides cost savings • Protects ecosystem services
See above	<u>Create Community Wildfire Preparedness Plan.</u> <u>Enhance Emergency Services to increase efficiency of wildfire response and recovery activities.</u> <u>Complete a new wildfire assessment that Wildland Urban Interface areas.</u> <u>Development and dissemination of maps relating to the fire hazard to help educate and assist builders and homeowners in being engaged in wildfire mitigation activities, and to help guide emergency services during response.</u> (NODC Disaster Resiliency Planning)	Utilities and Public Services, Capital Facilities	<ul style="list-style-type: none"> • Enhances resilience • Builds community knowledge • Improves health and wellbeing
See above	<u>Develop resilience hubs — community-serving facilities augmented to support residents and coordinate resource distribution and services before, during, and after a hazard event.</u>	Capital Facilities	<ul style="list-style-type: none"> • Enhances resilience • Improves health and wellbeing • Builds community knowledge • Promotes equity and justice

Emergency Management: Do any of the policies stand out as very important?

Emergency Management: Are there any policies missing or that need to be revised?

Agriculture (production & distribution)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p><u>Make Port Angeles food secure by promoting regional sustainable agriculture, utilizing multiple sources for food procurement, and increasing food production within the City.</u></p>	<ul style="list-style-type: none"> • <u>Partner with North Olympic Development Council to designate funding to promote and establish urban sustainable agriculture/food forests.</u> • <u>Encourage partnerships between local farms/farmers and residents to establish local food production projects.</u> • <u>Work with the Community and Economic Development Department and Engineering Department to develop policies that foster agreement and resource availability systems for allowing gardening for food, habitat, or both in the right-of-way (e.g., planting strips) and explore irrigation incentives.</u> • <u>Leverage existing zoning regulations that encourage land use overlays for food production.</u> <p>(Integrate Climate Resiliency Plan CRW-1, Action 2)</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Promotes economic development • Improves health and wellbeing

Agriculture: Are there any policies missing or that need to be revised?

Cultural Resources (historic sites, resources, & practices)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p><u>Preserve culturally important resources and practices that are at risk to climate impacts such as protecting salmon populations from flooding. Protect and restore cultural and historical sites from coastal flooding and bluff erosion due to sea level rise.</u></p>	<p><u>Coordinate and partner with Tribal partners to implement regional climate resilience policies that protect culturally significant resources, land, and artifacts.</u> (Similar to Climate Resiliency Plan CRW-1, Action 3)</p>	<p>Conservation</p>	<ul style="list-style-type: none"> • Improves salmon recovery • Protects tribal treaty rights • Promotes equity and justice
<p>See above</p>	<p><u>Protect, enhance, and restore ecosystems in order to meet tribal treaty rights and conserve culturally important consumptive and non-consumptive resources including foods, medicinal plants, and materials that could be adversely impacted by climate change.</u></p>	<p>Conservation</p>	<ul style="list-style-type: none"> • Improves salmon recovery • Protects tribal treaty rights • Promotes equity and justice
<p>G-7B To protect and enhance the area's unique physical features, its natural, historical, archaeological, and cultural amenities, and the overall environment.</p>	<p>P-7B.10 Encourage identification, preservation, and restoration of sites and structures that have historical or cultural significance.</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Protects tribal treaty rights • Promotes equity and justice

Cultural Resources: Do any of the policies stand out as very important?

Cultural Resources: Are there any policies missing or that need to be revised?

Economic Development (business continuity & opportunities)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<u>Create and maintain economic growth by supporting a diverse and balanced local economy. Prepare for changes in recreation due to heat, wildfire, and reduced snowpack. Protect businesses, travel, and shipping routes with increased infrastructure resilience.</u>	<u>Assess climate migration impacts with forecasting every 5 years. Integrate those findings into the Comprehensive Plan, infrastructure plans, revenue and expense forecasting, and housing assessments.</u> (Integrate Climate Resiliency Plan CRW-1, Action 4)	Economic Development (also add to Chapter 11 Implementation)	<ul style="list-style-type: none"> Enhances resilience
See above	P-9A.12 Encourage businesses with low carbon footprints <u>by providing fee reductions, permit facilitation, and/or implementing land use code changes, among other strategies.</u>	Economic Development	<ul style="list-style-type: none"> Reduces emissions
See above	P-9A.02 Promote long-term economic stability by encouraging businesses and industries to invest in modernization and environmentally sound, <u>green</u> technology.	Economic Development	<ul style="list-style-type: none"> Reduces emissions Enhances resilience
See above	<u>Ensure that the jurisdiction's Comprehensive Emergency Management Plan responds to the impacts of climate change and identifies roles and responsibilities to ensure a sustainable economic recovery after a disaster.</u>	Economic Development	<ul style="list-style-type: none"> Enhances resilience Improves health and wellbeing

Economic Development: Do any of the policies stand out as very important?

Economic Development: Are there any policies missing or that need to be revised?

Human Health (community well-being & engagement)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<u>Plan for and respond to extreme heat hazards on human health such as vector-borne illnesses, increased pollution, and increased heat-related illnesses, deaths, and hospitalizations.</u>	P-7B.06 Protect air and water quality by minimizing pollution from new and existing sources including <u>climate caused sources such as extreme heat, flooding, and sea level rise.</u>	Conservation	<ul style="list-style-type: none"> Improves air quality Enhances resilience
See above	<u>Consider habitat reduction and population control for arthropod disease vectors (e.g., mosquitos, ticks) and zoonotic disease reservoirs (i.e. rodents) using integrated pest-management methods.</u>	Conservation	<ul style="list-style-type: none"> Enhances resilience
See above	<u>Develop and implement a wildfire smoke resilience strategy in partnership with local residents, emergency management officials, regional clean air agency officials, and other stakeholders.</u>	Conservation	<ul style="list-style-type: none"> Improves air quality Enhances resilience

Human Health: Do any of the policies stand out as very important?

Human Health: Are there any policies missing or that need to be revised?

Ecosystems (terrestrial & aquatic species, habitats, & services)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p>G-7D To preserve and enhance the City's shoreline, its natural vegetation and wildlife and to mitigate for present and planned impacts in a manner consistent with the State Shoreline Management Act and the City's Shoreline Master Program.</p>	<p>P-7D.04 Preserve and protect aquatic habitats including shellfish habitat, and important marine vegetation <u>by periodically evaluating and adapting fish and wildlife habitat policies and codes to adapt to and mitigate climate risks.</u></p>	<p>Conservation</p>	<ul style="list-style-type: none"> • Sequesters carbon • Enhances resilience • Improves salmon recovery
<p>G-3J To create open space within the urban landscape, retain natural landscapes, preserve fish and wildlife habitat, and to provide natural corridors connecting wildlife habitats.</p>	<p>P-3J.01 Preserve unique or major physical features such as marine shorelines, bluffs, ravines, streams, wetlands, wildlife habitat and other environmentally sensitive areas deemed of significant importance to the community as designated open space <u>and those vulnerable to climate change impacts.</u></p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Sequesters carbon • Enhances resilience • Improves salmon recovery

Ecosystems (terrestrial & aquatic species, habitats, & services)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p><u>Protect and preserve ecosystems by increasing resilience to climate hazards such as heat, flooding, drought, sea level rise, and reduced snowpack that pose a risk to forest productivity, pest outbreaks, fish and wildlife habitats, and water quality.</u></p>	<p>P-7B.16 Establish and implement an urban tree management program intended to retain and/or restore the overall tree canopy in the city by using plant materials as a unifying element and tool to protect the health, safety and welfare of the public, using the environmental services provided by trees to mitigate the negative effects of impervious surfaces and vehicular traffic such as increased temperatures, airborne particulates, carbon dioxide, noise, and stormwater runoff.</p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Sequesters carbon • Enhances resilience • Improves air quality • Improves health and wellbeing
<p>See above</p>	<p><u>Develop an identification and monitoring program for urban trees to analyze risks or impacts of pests and disease, factoring in climate impacts.</u></p>	<p>Land Use</p>	<ul style="list-style-type: none"> • Enhances resilience • Improves air quality • Sequesters carbon

Ecosystems: Do any of the policies stand out as very important?

Ecosystems: Are there any policies missing or that need to be revised?

Waste Management (recycling & disposal)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p><u>Prepare for the increased demand for solid waste and recycling collection and disposal.</u></p>	<p>P-8A.20 Participate with the County in the development, maintenance, and implementation of a regional solid waste plan, which addresses collection, disposal, and recycling of solid waste.</p>	<p>Capital Facilities</p>	<ul style="list-style-type: none"> • Enhances resilience
<p><u>Increase municipal cleanup and refuse capacity to prepare for increased need following extreme precipitation events.</u></p>	<p><u>Develop and implement a strategy to expedite the removal of waste (e.g., downed tree limbs and buildings blocking roads and streams) during and after a disaster incident to reduce the risks of subsequent fire, flood, injury, and disease vectors.</u></p>	<p>Capital Facilities</p>	<ul style="list-style-type: none"> • Enhances resilience
<p><u>Reduce waste-related greenhouse gas emissions from wastewater and landfills.</u></p>	<p><u>Evaluate wastewater facility to reduce greenhouse emissions and build resilience to climate impacts such as landslides. This includes:</u></p> <ul style="list-style-type: none"> • <u>Maximize the co-generation and on-site utilization of natural gas from anaerobic digesters and other methods of harnessing energy in wastewater treatment. This will reduce vulnerability to power and fuel shortages, as well as reduce emissions.</u> • <u>Reduce vulnerability of access routes to the treatment plant and consider identifying alternative routes should primary routes be compromised.</u> <p><i>(Integrate Climate Resiliency Plan (CW2-, Action #48)</i></p>	<p>Capital Facilities</p>	<ul style="list-style-type: none"> • Reduces emissions • Enhances resilience • Improves health and wellbeing

Waste Management: Do any of the policies stand out as very important?

Waste Management: Are there any policies missing or that need to be revised?

Water Resources (quality & quantity)

GOAL	POLICY	COMP PLAN ELEMENT	CO-BENEFITS
<p><u>Prepare conservation strategies and protect water quality to increase resilience to drought, sea level rise, and reduced snowpack.</u></p>	<p><u>Water supply monitoring & enhancement to increase resilient during drought periods.</u> (Integrate Climate Resiliency Plan CRW-1, Action 5)</p>	<p>Utilities and Public Services, Capital Facilities</p>	<ul style="list-style-type: none"> • Enhances resilience
<p>See above</p>	<p><u>Reduce water consumption through education and incentive programs.</u> For example:</p> <ul style="list-style-type: none"> • <u>Create a smart grid water use system and share data with consumers to increase conservation.</u> • <u>Promote and incentivize smart irrigation technologies for golf courses and parks.</u> • <u>Update water rates to discourage watering lawns.</u> • <u>Provide incentives for efficient food cultivation</u> <p>(Integrate Climate Resiliency Plan CW-2, Action 55)</p>	<p>Utilities and Public Services, Capital Facilities</p>	<ul style="list-style-type: none"> • Enhances resilience
<p>See above</p>	<p>P-7B.08 Maintain and enhance the quality of water resources through the regulation of clearing, grading, dumping, discharging, and draining and the provision of flood and erosion control measures and regulations to protect wetlands and other environmentally sensitive areas. <u>Use adaptive management practices and best available climate science and projections to inform these efforts.</u></p>	<p>Utilities and Public Services, Capital Facilities</p>	<ul style="list-style-type: none"> • Enhances resilience

Water Resources: Do any of the policies stand out as very important?

Water Resources: Are there any policies missing or that need to be revised?



Review **Key** **Themes & Next** **Steps**

Next Steps

- Update draft policies based on tonight's feedback
- City will continue policy refinement process
- Next opportunity to refine policies:
 - April submission of 60-day notice to Department of Commerce
 - May Planning Commission Public Hearing
 - June City Council Closed Hearing (Public Comment available during the regular public comment periods)

A scenic view of a rocky coastline. The foreground is dominated by dark, jagged rocks. The water is a vibrant blue, with sunlight reflecting off its surface, creating a shimmering effect. In the background, a forested hillside meets the sea under a clear blue sky with a few wispy clouds. The overall atmosphere is bright and serene.

Thank you!