



**THURSTON
CLIMATE
ADAPTATION
PLAN**

Presentation: Priority and BCA Action Selection

June 5, 2017

Public Comments

▶ Community Forum

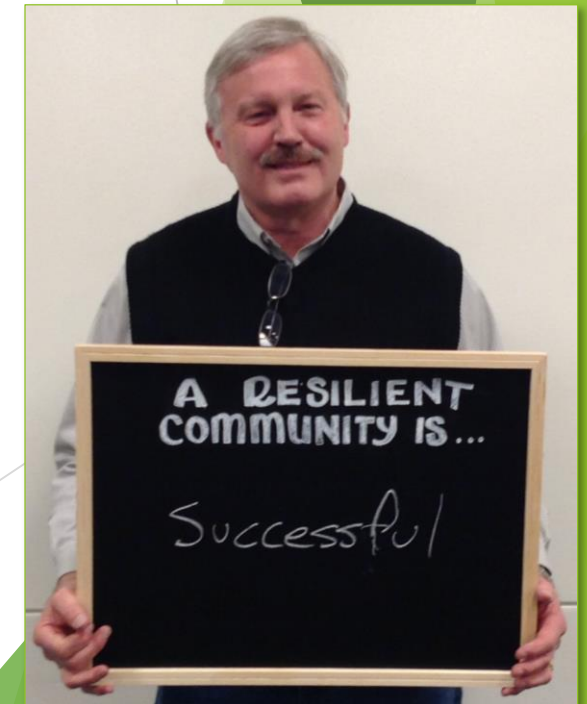
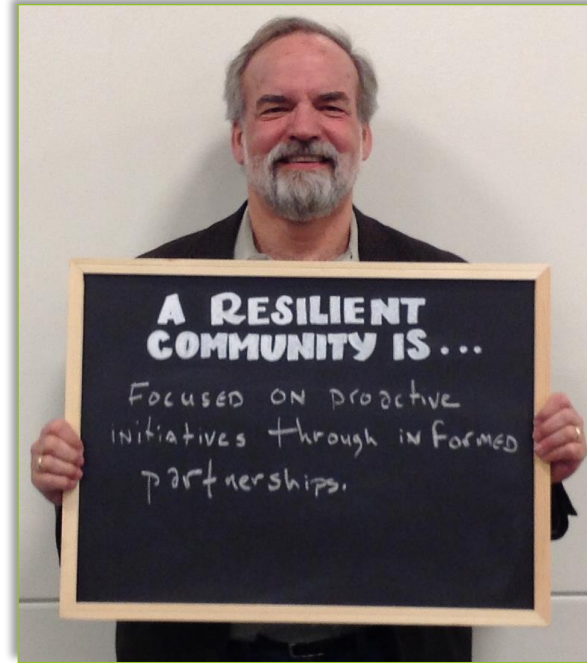
- ▶ Hosted April 17
- ▶ Received about **100** adaptation action ideas

▶ Online Survey

- ▶ Closed May 8
- ▶ Received about **150** action ideas

▶ Project Team

- ▶ Integrated ideas that address high (*red*) risks
 - ▶ Wrote new actions
 - ▶ Amended existing actions
 - ▶ Eliminated redundant actions
 - ▶ There are now **89** adaptation actions





Prioritizing Actions

- ▶ Added numeric value to answers
 - ▶ Actions score range: **2-8** points

- ▶ Exercise helped project team select priority actions
 - ▶ Selected **3** priority actions from these **6** categories:
 - ▶ General
 - ▶ Drought & Water Quality
 - ▶ Flooding & Erosion
 - ▶ Plants & Animals
 - ▶ Transportation & Energy
 - ▶ Wildfire & Extreme Heat

Criteria		Answer Range	Numeric Value
Magnitude:	How many risks does this action address?	One [1], Few [2-5], or Many [6+]	One [+1], Few [+2], Many [+3]
	Is this action a long-term solution (i.e., durable)?	Yes or No	Yes [+1], No [0]
Effectiveness:	To what degree would this action reduce the risk(s)?	Low, Medium, High	Low [+1], Medium [+2], High [+3]
	Is this action already being taken?	Yes or No	No value
Side-effects:	Would this action have negative effects on other goals?	Yes or No	Yes [-1], No [0]
	Would this action have positive effects on other goals?	Yes or No	Yes [+1], No [0]



Group Exercise

▶ Action Table

- ▶ Organized by Category
- ▶ Recommended priority and BCA actions (*highlighted grey*)
- ▶ Selected leads, partners & timeline:
 - ▶ Underway - limited (*a few places*)
 - ▶ Underway - extensive (*many places*)
 - ▶ Short - take action within 10 years
 - ▶ Long - take action within 20 years

▶ Questions for Stakeholders

- ▶ Is this the right suite of priorities?
- ▶ Should there be more or fewer?
- ▶ Are these the right 3 actions for Benefit-Cost Analyses (BCAs)?
- ▶ Is the wording of the actions right?

Thurston Climate Adaptation Plan Action Table

General		Score	Priority	BCA	Lead	Partner	Timeline
135	Develop the technical expertise and skills of local and tribal government staff members to prepare for and respond to climate change impacts. For example, enhance staff members' understanding of projected changes in air temperature and precipitation and their impacts on municipal services and infrastructure (e.g., urban landscaping, stream culverts, emergency management).	8	Yes	No	Cities/Towns, County, Tribes	State, Federal, TRPC	Underway (limited)
58	Increase incentives (e.g., tax credits and fee waivers) to make urban infill and redevelopment projects more viable financially. Such projects enhance residents' resiliency by providing better access to transportation options and services (including food, hospitals, and emergency responders).	7	Yes	Yes	Cities/Towns, State, Federal, Tribes	County, Nonprofits, Residents, Higher Education, Port, Transit, Business Community, K-12, TRPC, Development Community	Long
81	Create hazard recovery plans and prioritize the restoration of vital public safety facilities and other essential community assets.	7	No	No	Cities/Towns, County, Tribes	State, Residents, Fire Districts, 13, LOTT, PSE, Port, Water Providers, Transit, Business Community, K-12, TRPC	Underway (limited)
85	Pursue funding to implement highest-priority actions identified in the adopted Hazards Mitigation Plan for the Thurston Region.	7	No	No	TRPC	Cities/Towns, County, State, Federal, Fire Districts, Port, Tribes	Underway (extensive)
100	Assess potential climate change-induced migration within and to the Thurston Region, and evaluate response strategies. This action can entail assessing who in the region is most vulnerable to temporary or permanent displacement (e.g., low-income or socially isolated residents who may be forced to move because of climate-exacerbated hazards) and what resources they might need. This action also can entail assessing who is most likely to move to the region and how to accommodate them in ways consistent with community values. For example, this can be done by studying "chain migration," the tendency of migrants to follow those of similar ethnicity, language or job skillset, as well as by evaluating migrants' needs and where/how much growth should occur so that it's consistent with local comprehensive plans.	7	No	No	TRPC	Cities/Towns, County, Development Community	Long

Next Steps

- ▶ **June:**
 - ▶ Earth Economics begins BCAs
 - ▶ Project team sends action list to leads, elicits feedback
- ▶ **July-August:** *(no meetings)*
 - ▶ Project team begins writing plan and incorporating actions
- ▶ **September:** *(meeting)*
 - ▶ Earth Economics presents BCAs to Stakeholder Advisory Committee
- ▶ **October:** *(no meeting)*
 - ▶ Project team elicits stakeholder comments on draft plan
- ▶ **November:** *(meeting)*
 - ▶ Project team presents stakeholders draft plan

