Public Engagement

Community Conversations:
- Presented to Nisqually River Council and 12+ other groups
- April 9 Sunday editorial in The Olympian newspaper
- Getting word out via video, social media, e-mails

April 17 Community Forum:
- Learned about risks, impacts
- Visited thematic 5 stations (right)
- Viewed actions we’re considering
- Suggested additional actions

Online Survey:
- Visit: www.trpc.org/climate
- Take survey by May 8 at 5PM

Transportation & Energy

What is at Risk:
- Public Safety: Collapsed hillsides, downed trees, and other hazards can hinder police and other emergency responders’ access to residents.
- Power Substations: Extreme rain events, coupled with sea-level rise, can flood coastal power substations and cut off electricity to homes and businesses.
- Bridges and Culverts: Extreme rain events and streams can overtop, damage, or block bridges and culverts with debris.
- Energy Security: Longer, hotter summers can increase electricity demand and increase risk of power outages and increases the overall cost of energy.

What We Can Do:
- Emergency Preparedness: Train residents to become more self-reliant and able to provide local assistance during emergencies when hazards cut off power and access for emergency responders.
- Relocate Infrastructure: Relocate or retrofit low-lying roads and energy infrastructure vulnerable to flooding.
- Road Design: Design and build stream culverts to accommodate higher peak streamflow.
- Energy Efficiency: Make new and existing buildings more energy efficient and generate renewable energy on-site (e.g., rooftop solar).
- Renewable Energy: Build larger renewable energy projects (e.g., wind farms, locally and expand energy storage and transmission infrastructure to meet growing electricity demand.

Tell Us Your Ideas:
What additional actions can individuals and their communities take to reduce these risks and enhance resiliency? Please fill out a card at tonight’s meeting or complete an online survey (www.trpc.org/climate).
April 17 Forum

- **30+ attendees**
  - Residents from around the region and ...
  - Elected officials and planning commissioners from Olympia, Lacey, Tumwater, Thurston PUD, Port of Olympia, Thurston County

- **90+ action ideas**
  - Actions we’re evaluating and ...
  - Actions we haven’t considered
  - Full table in binder (*Meeting 9*)
Online Survey

- **50+ survey responses (as of 4/26)**
  - Shows posters with risks we face and actions we’re considering
  - Asks what actions individuals and their communities should take to...
    - Reduce climate change risks
    - Prepare for and cope with impacts

- **Survey closes at 5PM on May 8**
  - Promoting via e-mail, social media, presentations, etc.
  - Help us spread the word, eh?
Next Steps

**Today’s Meeting:**
- Presentation on Benefit-Cost Analysis (BCA) Earth Economics will perform this summer
- Finish evaluating actions in: Plants & Animals, Drought & Water Use, and Wildfire & Extreme Heat

**May 11 Meeting:**
- Receive full list of initial actions we’ve revised and evaluated to date
- Use screening criteria to evaluate any new actions based on forum & survey ideas
- Give feedback on numeric weighting of criteria

**June 28 Meeting:**
- Receive list of prioritized actions based on criteria
- Select 3 actions for BCAs (results in September)
- Select action timeframe, lead(s), and partner(s)
Small-Group Exercise

Process:
- Split into 3 groups:
  - Plants & Animals
  - Drought & Water Use
  - Wildfire & Extreme Heat
- Screen each action using criteria (right)
  - Question: Keep “Equity” criterion?
- Consult list of actions/risks and project goals (meeting binder)

Advice:
- Most actions affect several red risks ...
  - Consider average degree to which the action would reduce the red risks
  - Reword actions or strike risks with weak link to actions, if desired
- Make notes on posters as needed

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Answer Range</th>
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<tbody>
<tr>
<td>Magnitude:</td>
<td>How many risks does this action address?</td>
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<td></td>
<td>One [1], Few [2-5], Many [6+]</td>
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<td>Effectiveness:</td>
<td>Is this action a long-term solution (i.e., durable)?</td>
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<td>Yes or No</td>
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<td>To what degree would this action reduce the risk(s)?</td>
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<td>High, Medium, or Low</td>
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<td>Is this action already being taken?</td>
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<td></td>
<td>Yes or No</td>
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<tr>
<td>Side-effects:</td>
<td>Would this action have negative effects on other goals?</td>
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<td></td>
<td>Yes or No</td>
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<td>Would this action have positive effects on other goals?</td>
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<td>Yes or No</td>
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<tr>
<td>Equity:</td>
<td>Would the costs and benefits of this action be shared equally?</td>
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<td>Yes or No</td>
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