

Rising Sea Levels: Regional Actions



Commission Workshop

April 7, 2016

Agenda

- 1:30 Welcome and Introduction
- 1:35 Presentation and Q&A
- 2:00 Action Open House
Review and Prioritize Regional Actions
- 3:00 Table Discussions
Discuss Select Actions
- 3:30 Report Back and Group Discussion
- 3:50 Wrap Up and Next Steps

Workshop Series

- First Workshop, January 2016: Five Year Review of BCDC's Climate Policies
- Second Workshop, March 2016: Regional Resilience
- Third Workshop, April 2016: Regional Actions
- Fourth Workshop, May 2016: Commissioner Conversation about Next Steps and Direction



Objectives for the Workshop Series

- Bring issues identified by the *Rising Sea Level and Bay Fill Commissioner Working Groups*, *Policies for a Rising Bay project*, and the *Adapting to Rising Tides Program* to the full Commission and a broader range of participants
- Assist the Commission in determining the direction BCDC and the region should take to address rising sea levels
- Begin new levels of coordination and collaboration



Today's Workshop

At this workshop we will:

- Recap the first two workshops (briefly)
- Provide an opportunity for identifying and prioritizing regional actions, particularly those for BCDC to lead or support
- Discuss how to make the actions more effective to ensure adaptation will provide benefits to communities, the economy and the environment



1st Workshop Recap: Climate Policies

The discussion resulted in four primary themes:

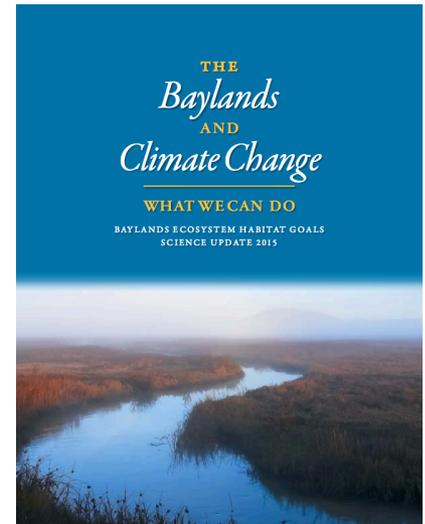
- BCDC's jurisdiction and authority
- The project-by-project approach that is a result of applying the current climate change policies
- The balance of risk, innovation and adaptive management
- The regional approach to resilience



2nd Workshop Recap: Regional Resilience

The workshop resulted in:

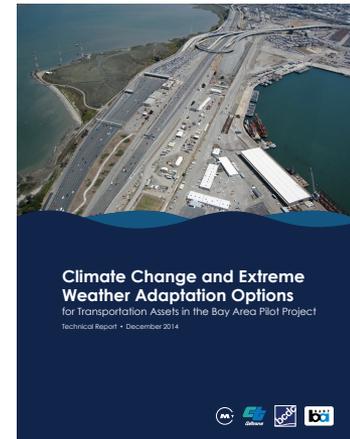
- Identification and recommendation of possible regional actions
- Recommendations regarding implementation of regional actions
- Questions and issues raised about governance, stakeholder and public engagement, funding and the tension between guidance and requirements (or carrots and sticks)



2nd Workshop Recap

Recommendations on regional actions:

- Conduct regional assessments of varying kinds
- Employ innovative financing mechanisms
- Identify and fund a regional public entity to be a “go-to” data repository
- Create a sea level rise adaptation plan that is a framework for clear implementation of early, priority and future actions
- Develop better information about how to mix grey and green approaches for flood management
- Change regulations to better address the issue of sea level rise and to support more equitable and ecological outcomes



2nd Workshop Recap



Recommendations on implementation:

- Regional role is crucial in building awareness
- Prioritize actions for the most vulnerable assets
- Use ecological boundaries to organize rather than existing government boundaries and structures
- Region should guide, lead and coordinate work among agencies and jurisdictions
- Think regionally about ecological systems, sediment availability and options for transition zones
- Integrate resilience into ongoing activities and efforts, such as goods movement and emergency preparedness

Questions or Comments?



Regional Action Open House



- ❑ Advocacy and Influence
- ❑ Collaborations
- ❑ Data and Information Collection and Sharing
- ❑ Funding
- ❑ Guidance and Support
- ❑ Incentives
- ❑ Institutional Arrangements
- ❑ Physical Strategies for Adaptation
- ❑ Plans and Policies
- ❑ Public Education and Outreach
- ❑ Regulations
- ❑ Research and Analysis
- ❑ Stakeholder and Community Engagement
- ❑ Vulnerability Assessments

Regional Action Open House



Spend the next 30 minutes reviewing and discussing regional actions, provide additional actions, vote for three priority actions

Ten (10) priority actions will be further discussed today (one at each table)

April 7th Commission Workshop Key Actions

Funding

- Pilot innovative financing tools to advance adaptation, e.g., resilience bonds, micro-contributions, public-private partnerships and climate action funds
- Re-purpose existing financing tools to advance adaptation, e.g., enhanced infrastructure financing districts, bonds, tax credits, geologic hazard abatement districts, special district, revolving loan fund programs, municipal enterprise funds and joint powers authorities
- Leverage state and federal pre- and post-disaster funds to create flood resilient communities
- Require all regionally funded programs and projects to consider sea level rise and future storm event flooding

○ **Fill in your actions here...**

○

○

Prioritizing similar actions

Vulnerability Assessments

- Complete multi-sector assessments for each county using a consistent approach
- Assess the region's housing, neighborhoods, disadvantaged communities and PDAs
- Assess the regional systems and networks, with a particular focus on transportation
- Assess the region's Baylands, shorelines, tidal creeks and tidal channels
- Assess the primary contributors to the regional economy, e.g., seaports, airports and large employment sites



Prioritizing different actions

Stakeholder and Community Engagement

- Provide public funds to community-based organizations so they can participate in climate resilience building efforts
- Coordinate with non-profit, community and faith-based organizations to build strong social networks in neighborhoods, in particular vulnerable and disadvantaged communities

AND

Factors to consider

- Could the action be led by BCDC?
- If not, how could BCDC support this action?
- Is the action one that the Commission should consider and discuss at its May workshop?
- Is this action so important to you that you don't care and want to vote for it anyway?
 - ✓ BCDC led: Complete multi-sector assessments for each of the nine counties
 - ✓ BCDC supported: Research the regional impact of rising sea levels on groundwater

Regional Action Open House



Table Discussion

At your table, spend the next 30 minutes discussing the priority action provided to you

Before you begin select a person to be the primary recorder and lead your table's report back

Assess the primary contributors to the regional economy, e.g., seaports, airports and large employment sites

Table Discussion and Group Report Back Guide

April 7th Commission Workshop Action Discussion & Report Back

Goal: As a group, spend the next 30 minutes discussing your table's potential priority action, focusing on the questions below. At the end of the table top discussion there will be a group report back. Before you begin your discussion please select a person to be the primary recorder and lead your table's report back.

Action: _____

- 1) How important is it for the region to advance this action now?
- 2) Is this action a necessary precursor before other actions can be taken? If yes, briefly explain.
- 3) Can we make the action stronger to better address a broader range interests, the feasibility of implementation, or the four sustainability frames:
 - a. Society and Equity
 - b. Economy
 - c. Environment
 - d. Governance
- 4) Should BCDC lead the implementation of this action?
 - a. If no, who could be the lead implementer?
 - b. How could BCDC support implementation if led by another entity?
- 5) Does the lead implementer have the authority and resources to implement this action? If no, how could these challenges be overcome?

Group Report Back

- What was the action you discussed?
- How important is it for the region to advance this action?
- What recommendations do you have to make the action stronger?
- Who could lead this action?
- Does the lead have the authority and resources to implement this action?

Next Steps

Fourth Workshop

May 19, 2016

Commissioner Conversation
about Next Steps and Direction

