Set the Compass for Coastal Resilience:
Aligning Local Planning Efforts to Sail Toward Adaptation
Local Coastal Plan

Climate Adaptation Plan

Transportation Plan

General Plan

Local Hazard Mitigation Plan

Capital Plan
1. Welcome
2. Plan alignment concepts and six-word shakeout
3. Trivia! (and panel discussion)
4. Prizes!

**HINT:** Have your phones handy...
Panelists

Becky Lunde (NOAA Office for Coastal Management)
Juliette Finzi Hart (USGS)
Kelsey Ducklow (CA Coastal Commission)
Leeanne Singleton (City of Hermosa Beach)
Nuin-Tara Key (CA Governor’s Office of Planning and Research)

Alison Kearns, Jesse Carpentier (FEMA Region IX)
Megan Walton (CA Governor’s Office of Emergency Services)
But first....

1. Pair up

2. Take out a phone, tablet, or laptop to share

3. Open an Internet browser

4. Navigate to pollev.com/ocmiis

5. Enter a screen name
What part of the country do you call home?
What is your professional affiliation?

- Local government
- State government
- Federal government
- Tribal representative
- Academic
- NGO
- Private
- Other
What natural hazard have you personally experienced?
Plan alignment partners

National Oceanic and Atmospheric Administration
U.S. Geological Survey
California Coastal Commission
California Governor’s Office of Emergency Services
California Governor’s Office of Planning and Research
California Ocean Protection Council
California State Coastal Conservancy
Federal Emergency Management Agency
Plan alignment compass

- State and local government staff
- But also to share with:
  - Colleagues across departments
  - Community leaders
  - City Councils / County Supervisors
  - Interested public
The Big Ideas.
The Crosswalk.
The Tricky Spots.
The Plans.
## Navigation support

### SEA LEVEL RISE ADAPTATION PORTALS

<table>
<thead>
<tr>
<th></th>
<th>Engage and Explore</th>
<th>Assess</th>
<th>Investigate Options</th>
<th>Prioritize and Plan</th>
<th>Implement and Evaluate</th>
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<tbody>
<tr>
<td><strong>Adaptation Clearinghouse:</strong> Adaptation plans, policies, guidance, science and research, case studies, and funding sources.</td>
<td>✓</td>
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<tr>
<td><strong>Adapting to Rising Tides Portfolio:</strong> Methodology, engagement, and planning tools for community adaptation planning process.</td>
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Plan alignment online - resilientCA.org
The plans

- Climate Adaptation Plan
- Local Hazard Mitigation Plan
- General Plan
- Local Coastal Program
Climate Adaptation Plan

Required:
- Vulnerability assessments
- Adaptation strategies

Best practices:
- Community goals
- Implementation and funding plan
- Multi-sector, regional
Local Hazard Mitigation Plan

Required:
• Vulnerability assessment
• Strategies
• Prioritized projects

Best practices:
• In CA, inclusion of EJ and equity recommended
• In CA, consideration of climate adaptation encouraged

“Reduce natural and human-caused disaster impacts”
“Comprehensive plan implementing community vision”

**General Plan**

**Required:**
- Adaptation and resilience in Safety Element
- Vulnerability assessment
- Environmental justice

**Best practices:**
- Use long-term planning horizon to account for climate impacts
“Regulate safe coastal development, protect resources”

Local Coastal Program

Required:
• Minimize risk and maximize coastal resource protection
• Public outreach

Best practices:
• Address changing conditions
• Proactive policies
• Phased adaptation
Get ready for trivia...

1. Hi again, buddy

2. Awaken your device

3. Still at

pollev.com/ocmiis
**How can resources be leveraged across multiple planning processes?**

- Conduct a vulnerability assessment that may be used for more than one plan
- Convene a standing team of representatives from multiple planning efforts
- Tag onto other departments’ engagement opportunities
- Use existing science and models
- All of the above
How can resources be leveraged across multiple planning processes?

- Conduct a vulnerability assessment that may be used for more than one plan
- Convene a standing team of representatives from multiple planning efforts
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- All of the above
Can benefits be gained from integrating the same risk reduction strategies in multiple local plans?

Nah. Any possible benefits aren't worth the high level of effort.

Not really. If actions are distributed across different plans they are more likely to be funded.

Maybe, but only due to cross-sector buy-in from relationships built during the process.

Yes. One benefit is avoiding contradicting strategies.
Can benefits be gained from integrating the same risk reduction strategies in multiple local plans?

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### How can stakeholder engagement in resilience planning be improved?

1. Include engagement in the budget at a level that supports what is needed to gain community support.

2. Engage diverse stakeholders at any point in the process; better late than never.

3. Steer clear of other departments’ engagement opportunities to avoid stakeholder confusion.

4. Hold community meetings during the work day.
How can stakeholder engagement in resilience planning be improved?

Include engagement in the budget at a level that supports what is needed to gain community support.

Engage diverse stakeholders at any point in the process; better late than never.

Steer clear of other departments’ engagement opportunities to avoid stakeholder confusion.

Hold community meetings during the work day.
Which climate and sea level rise scenarios should be used during the planning process?

- Whatever scenarios we can justify to our board or council
- The same scenarios across all plans, based on best available science
- Different scenarios in each plan, depending on the purpose of the plan
Which climate and sea level rise scenarios should be used during the planning process?

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Why should an adaptive planning approach be pursued?

It shouldn’t; if a plan is based on good science it won’t need to be modified.

There is not enough information to get started.

Science and institutions are always evolving.
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What do you think?

Newbies:
• How can you use this to take action in your state or community?
• Did you have any ah-ha’s?

Old pros:
• Have you crosswalked plans in your community?
• What did you discover?
Prizes!
Thank you!

Set the Compass for Coastal Resilience: Aligning Local Planning Efforts to Sail Toward Adaptation
Back-up slides

If wifi isn’t working, use these screenshots for trivia and ask participants to raise their hands.
Plan Alignment Trivia

Get ready to compete!
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Total Results: 1
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- Community goals
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Who’s Using it?

• Wide array of interest since released in August
• Upcoming workshops on Central Coast
• City of Manhattan Beach
  ○ Brought to MB Sustainability Task Force
  ○ Will bring to City Council Meeting
  ○ Will assemble standing resilience team
• City of Santa Cruz
  ○ New advanced planning team!
  ○ Communication with Council and community stakeholders
  ○ Help with regulatory framework