

Improving the Local Coastal Plan Update Process

Webinars for Cities

June 23, 2021

WELCOME!

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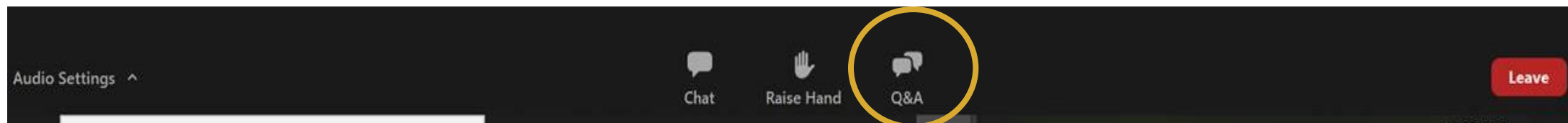
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Housekeeping Notes

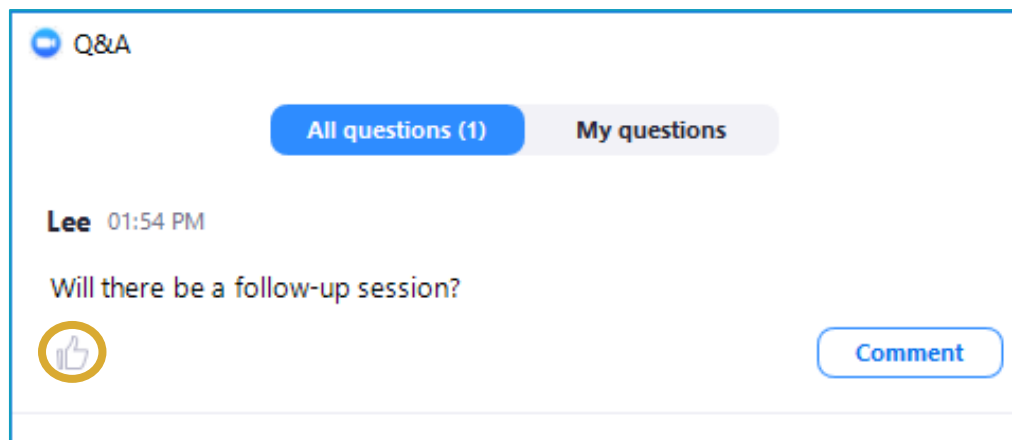
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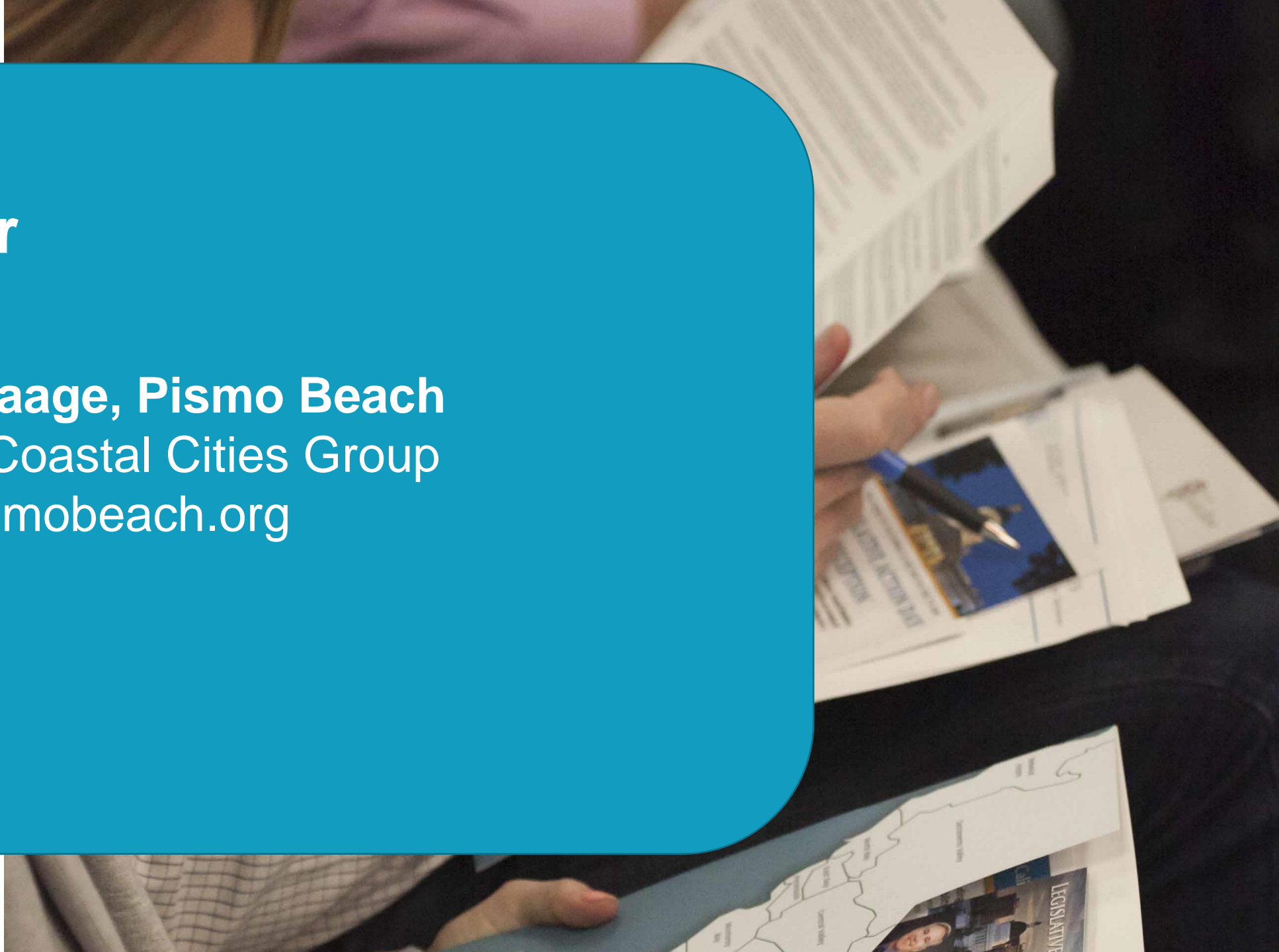


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Moderator

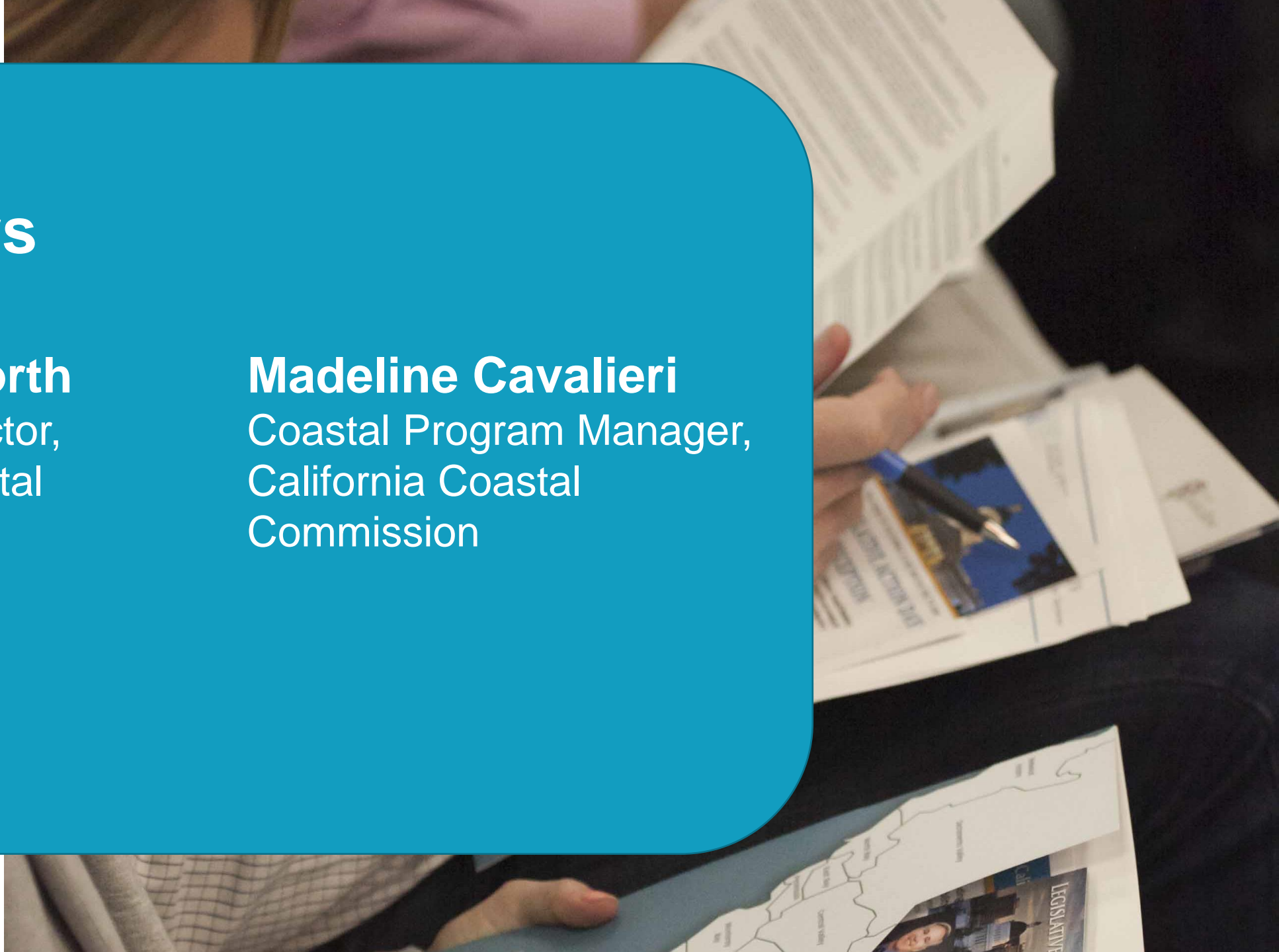
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Presenters

Jack Ainsworth
Executive Director,
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Commission

Madeline Cavalieri
Coastal Program Manager,
California Coastal
Commission



Presenters

Eric Friedman

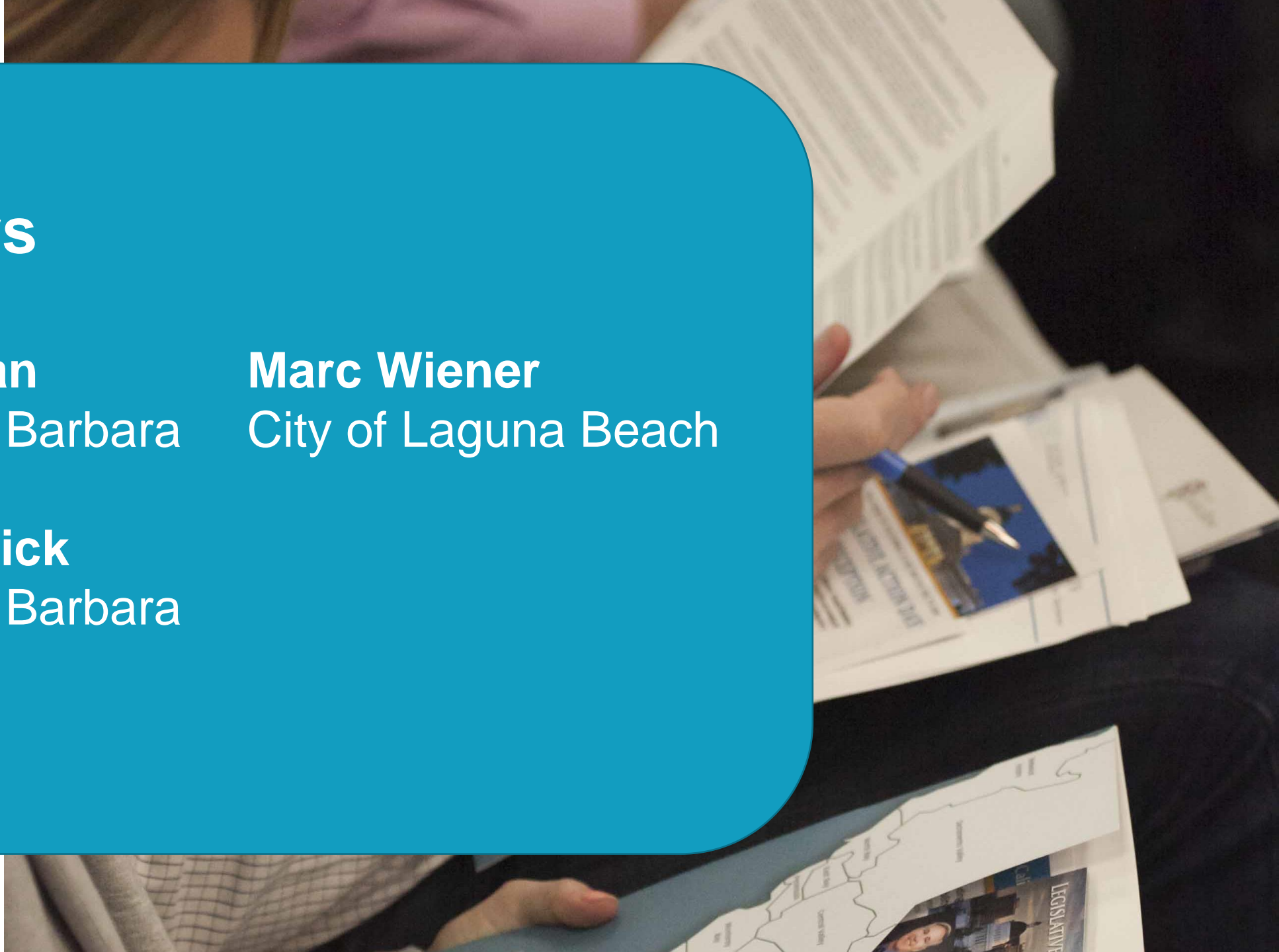
City of Santa Barbara

Marc Wiener

City of Laguna Beach

Melissa Hetrick

City of Santa Barbara





DRAFT

CRITICAL INFRASTRUCTURE AT RISK

SLR Planning Guidance for California's Coastal Zone



Guidance Overview

Madeline Cavalieri,
Statewide Planning
Manager

June 23, 2021



CALIFORNIA
COASTAL
COMMISSION

GOAL AND PURPOSE

Purpose: Promote resilient coastal infrastructure and protection of coastal resources

This document IS:

Guidance

Dynamic

Multi-purpose for multiple audiences

A menu of options

This document is NOT:

Regulations

Static

Meant to be read cover-to-cover

A checklist

SCOPE OF GUIDANCE

- Most frequently addressed in CCC and local government permitting and planning
- Planning features in common with other sectors

- Wastewater
- Stormwater
- Water Supply

Water
Infrastructure

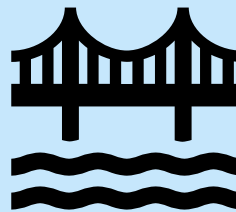
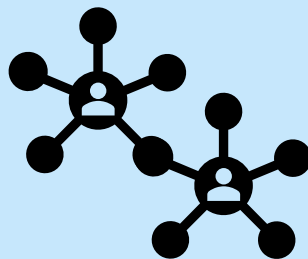
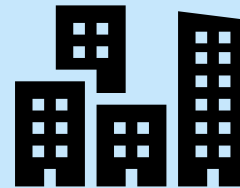
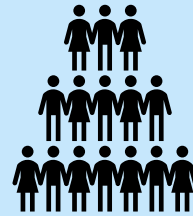
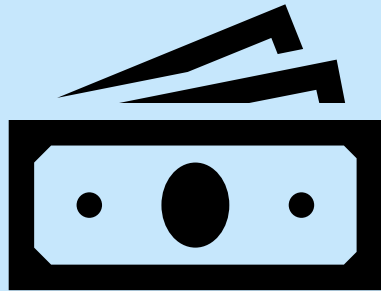


- Highways
- Local Roads
- Railways

Transportation
Infrastructure



UNIQUE CHALLENGES UNIQUE OPPORTUNITIES



- Role and purpose of infrastructure
- Physical characteristics – size, jurisdiction extent, networks
- Significant costs and consequences of critical infrastructure vulnerability

HOW INFRASTRUCTURE ADAPTATION IS DIFFERENT

- Analyze SLR scenarios up to and including the extreme/H++ SLR scenario
- Consider phased adaptation
 - Address most vulnerable assets first
 - Set timeframes for current operations/policies
 - Regular updates for future phases
- Plan new development in safe areas

Piedras Blancas Highway 1 Realignment

Google

12

H++ SCENARIO: STATE GUIDANCE

“For high consequence projects with a design life beyond 2050 that have little to no adaptive capacity, would be irreversibly destroyed or significantly costly to relocate/repair, or would have considerable public health, public safety, or environmental impacts should this level of sea-level rise occur, the H++ extreme scenario should be included in planning and adaptation strategies...”

H++ SCENARIO: IMPLEMENTATION

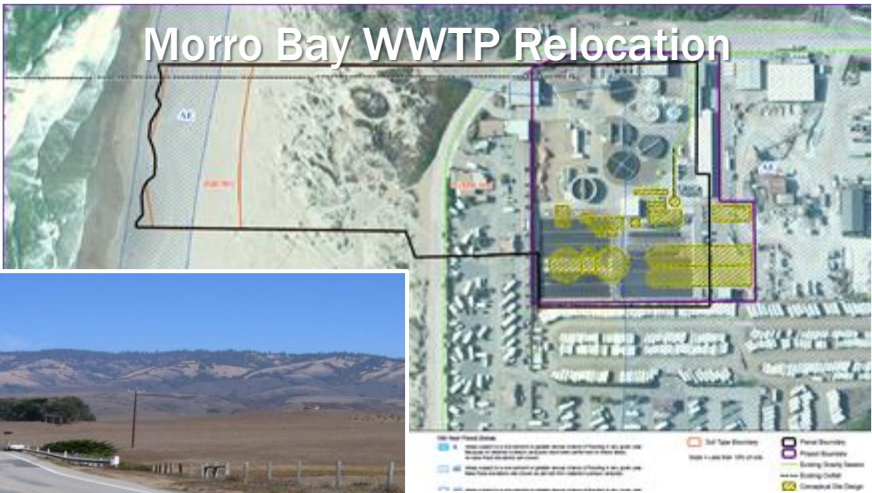
- Conduct analysis of multiple SLR scenarios, including H++
- Decide what strategies to implement in today's design versus future adaptation phases
- Plan for adaptation to occur at appropriate future triggers to ensure infrastructure remains resilient

KEY CONSIDERATIONS FOR COASTAL INFRASTRUCTURE



- 1. Coordinated Planning**
- 2. Environmental Justice**
- 3. Phased Adaptation**
- 4. Adaptation Costs & Funding**
- 5. Nature-based Adaptation Strategies**

CASE STUDIES



NEXT STEPS



Agency Review Early 2021



Draft for Public Release in Summer 2021



Public Comment Period



Commission Hearing



Webinars

THANK YOU!

[https://www.coastal.ca.gov/climate/slr/
InfrastructureAdaptation@coastal.ca.gov](https://www.coastal.ca.gov/climate/slr/InfrastructureAdaptation@coastal.ca.gov)





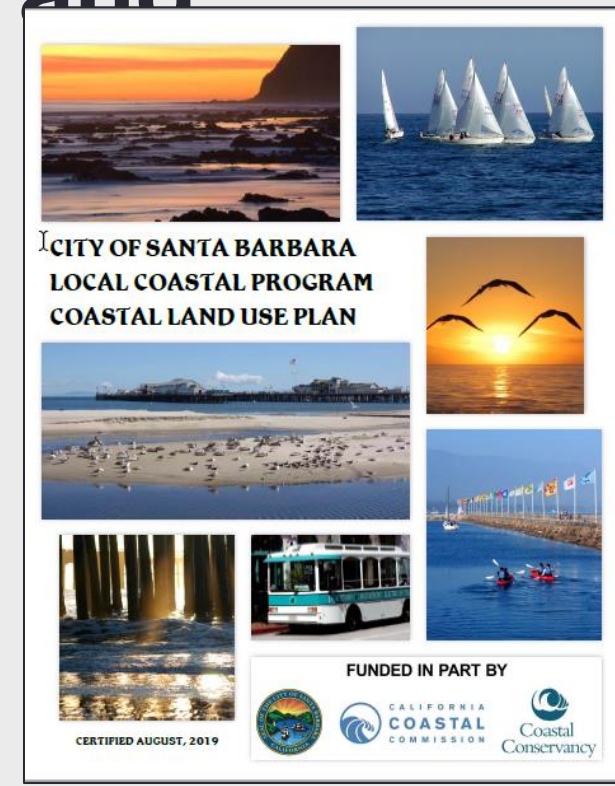
COMMUNITY DEVELOPMENT DEPARTMENT
CITY OF SANTA BARBARA
COASTAL & SEA-LEVEL RISE PLANNING

www.SantaBarbaraCA.gov/SLR

Components of LCP Update Program

- **New Post-Certification Permit Appeal Jurisdiction Map**
(Certified 2017)
- **Coastal Land Use Plan Update**
(CCC grant funded; certified 2019)
- **Lower-Cost Overnight Accommodations Study**
(CCC grant funded; completed 2020)

and



Components of LCP Update Program

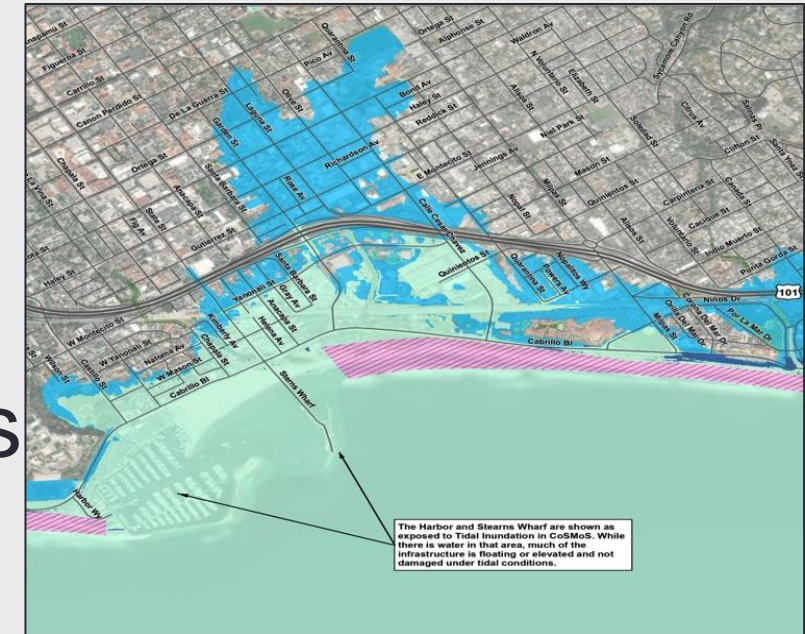
- **Sea-Level Rise Vulnerability Assessment**
(CCC grant funded; completed 2018)
- **Sea-Level Rise Adaptation Plan**
(CCC grant funded; approved by Council Feb. 2021)
- **Update Shoreline Hazards Map** (*Underway*)
- **Zoning Ordinance Update** (*Underway*)
- **Airport LCP Update** (*Underway*)

Coastal Land Use Plan Update

- 6 years and over 40 meetings with CCC staff
- Major accomplishments:
 - Defined numeric habitat and creeks buffers
 - Coastal bluff policies and maps
 - Established process and regulations when buffers can not be met
 - Nonconforming development and redevelopment

Coastal Land Use Plan Update

- Interim policies addressing SLR in permitting while Adaptation Plan prepared:
 - SLR factored into erosion buffers and design
 - Larger urban flood hazard area addressed programmatically



Adaptation Plan

- Vulnerability Assessment
 - What would happen if we do nothing?
 - Considers: 0.8' by 2030; 2.5' by 2060, 6.6' by 2100; and H++
- Adaptation Plan
 - Provides framework for future planning
 - Includes guiding principles for prioritization of actions
 - Analyzes adaptation options (protect, accommodate, retreat)
 - Considers economic and fiscal impacts

Phased Approach

- Based on monitoring of conditions and trigger-based actions when thresholds are reached
 - Recommends and prioritizes specific near-term (ten-year) actions
 - Proposes structure for decision making in mid- and long-term
- Five-year Implementation Plan
 - Would further prioritize near-term actions and Identify costs, funding, timelines, and required resources
- Shoreline Monitoring Program
- Re-evaluation every five to ten years

LCP Amendment Lessons Learned

- Every LCP Amendment takes a lot of effort.
- Make a big push with regular meetings
- Document decisions
- Start with definitions (substantial redevelopment) and non-conforming development
- Don't try to take on every issue.

LCP Amendment Lessons Learned

- Many issues better addressed programmatically
- Limit strict regulations to only the areas where they are needed most
 - *Key public access parking areas*
 - *Shoreline and creek hazard areas*
- When negotiations stall go back to Coastal Act
- Policies must take into account property takings

SLR Lessons Learned

- Phased implementation is crucial
 - Focus on achievable near-term actions
 - Design life of structures is no longer 75 or 100 years.
- Flood areas need to be addressed programmatically
- Property rights and takings are key considerations
- Interdepartmental Team and Subcommittee crucial
- Regional shoreline monitoring needed

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CITY OF LAGUNA BEACH



**League of California Cities
June 23, 2021**

Laguna Beach:

- City Size = 8.8 square miles
- Population = 23,000 residents
- Miles of Coastline = 7
- Majority in Coastal Zone
- LCP Certified January 13, 1993



CDP Process

- Defining types of repair and maintenance activities that are exempt from requiring a CDP
- Created an exemption process
- Established an administrative CDP process
- Clarified the CDP appeal process

Short-Term Lodging Certified

- Created a program that prohibits in residential districts
- Permitted in commercial districts closer to coast
- Limitations that protect long-term housing stock



Parking Regulations

- Innovative parking solutions
 - Offsite valet parking
 - Shuttle service
- Outdoor seating parking credits
- In-lieu payments when parking cannot be met



Downtown Specific Plan/ Historic Preservation

DSP

- Establishes new business permitting standards
- Blended rate parking standards in the Downtown

Historic Preservation

- Added incentives to be on the Historic Register
- Program is primarily voluntary unless required by CEQA



Blufftop/Major Remodel

- Establishes standards for property improvement adjacent to the bluff edge.
- Performed a study of the shoreline indicating that it is generally stable and erosion rates are slow.
- Greater flexibility for property improvements
- Major Remodel – Establish separate threshold for properties in more erosion prone areas.

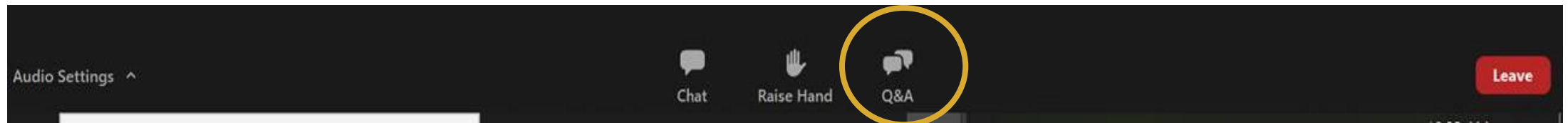


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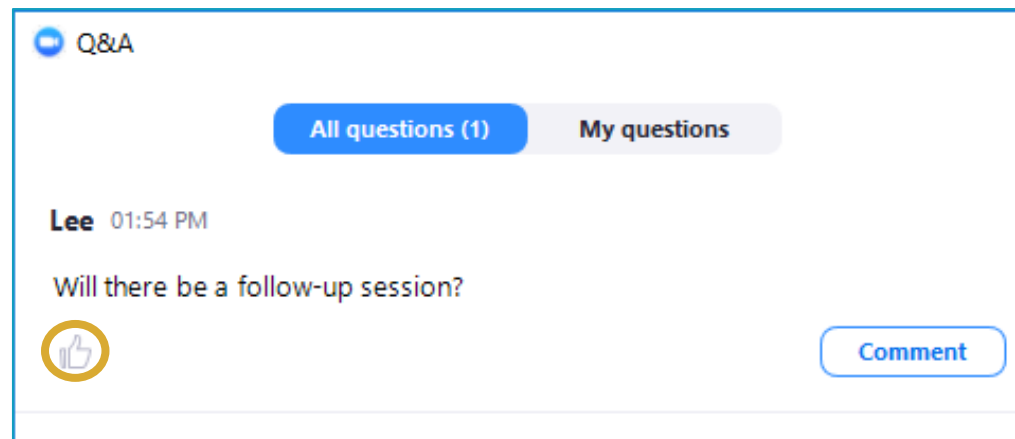
Questions?

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Final Thoughts