

Climate Adaptation Planning Update



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Agenda

1. Introductions
2. Project Update
3. Plan Integration Presentation, City of Hermosa Beach
4. Sub-regional plan – discussion & feedback
5. City vulnerability assessment template – discussion & feedback
6. Next Steps & Timeline



Goals of Climate Adaptation Planning

A climate adaptation plan proposes a framework for creating or updating policies, programs, practices and incentives to ensure the community and physical assets are better protected from the impacts of climate change

The Climate Adaptation Plan will aim to:

- Prepare the community for the impacts of climate change
- Make our communities safer and healthier
- Enhance economic vitality in the South Bay
- Meet applicable local and state requirements
- Create an actionable plan
- Holistic consideration of economic, social and environmental co-benefits
- Inclusive of entire community, especially vulnerable populations
- Pre-position South Bay Cities for future grant opportunities
- Build off existing initiatives



SBCCOG Project Outcomes

1. Develop a robust sub-regional vulnerability assessment and adaptation plan to provide a framework for adaptation planning throughout the region
2. Support cities and lay the foundation for adaptation planning by generating city-specific, preliminary vulnerability assessments
3. Provide cities with an array of sub-regional adaptation strategies to select from (similar to CAP process)
4. Provide cities with a document to adopt into existing plans such as CAP and/or other relevant planning documents



Progress to date

- Sub-regional vulnerability assessment written and currently being edited by SBCCOG and reviewed by cities, section(s) at a time
 - Introduction
 - Climate Projections
 - Social Vulnerability Assessment
 - Sector Analysis
 - Water
 - Energy
 - Biodiversity
 - Transportation
- City Vulnerability Assessment Framework developed
 - Feedback on city assessment framework (today)



City of Hermosa Beach Presentation



Feedback on sub-regional VA

Introduction

Climate Projections

Social Vulnerability





Sub-regional vs City Vulnerability Assessment

Sub-Regional

- Introduction
- Climate Projections
- Social Vulnerability
 - Heat Index
- Sector Analysis
 - Water
 - Energy
 - Biodiversity
 - Transportation

City Specific

- Introduction
- Climate Projections
- **Risk Assessment**

Assessing Risk at City Level

- Risk is a function of **hazard** occurrence, **exposed** structures and critical facilities, and **sensitive** populations
- Geospatial Analysis (overlay)

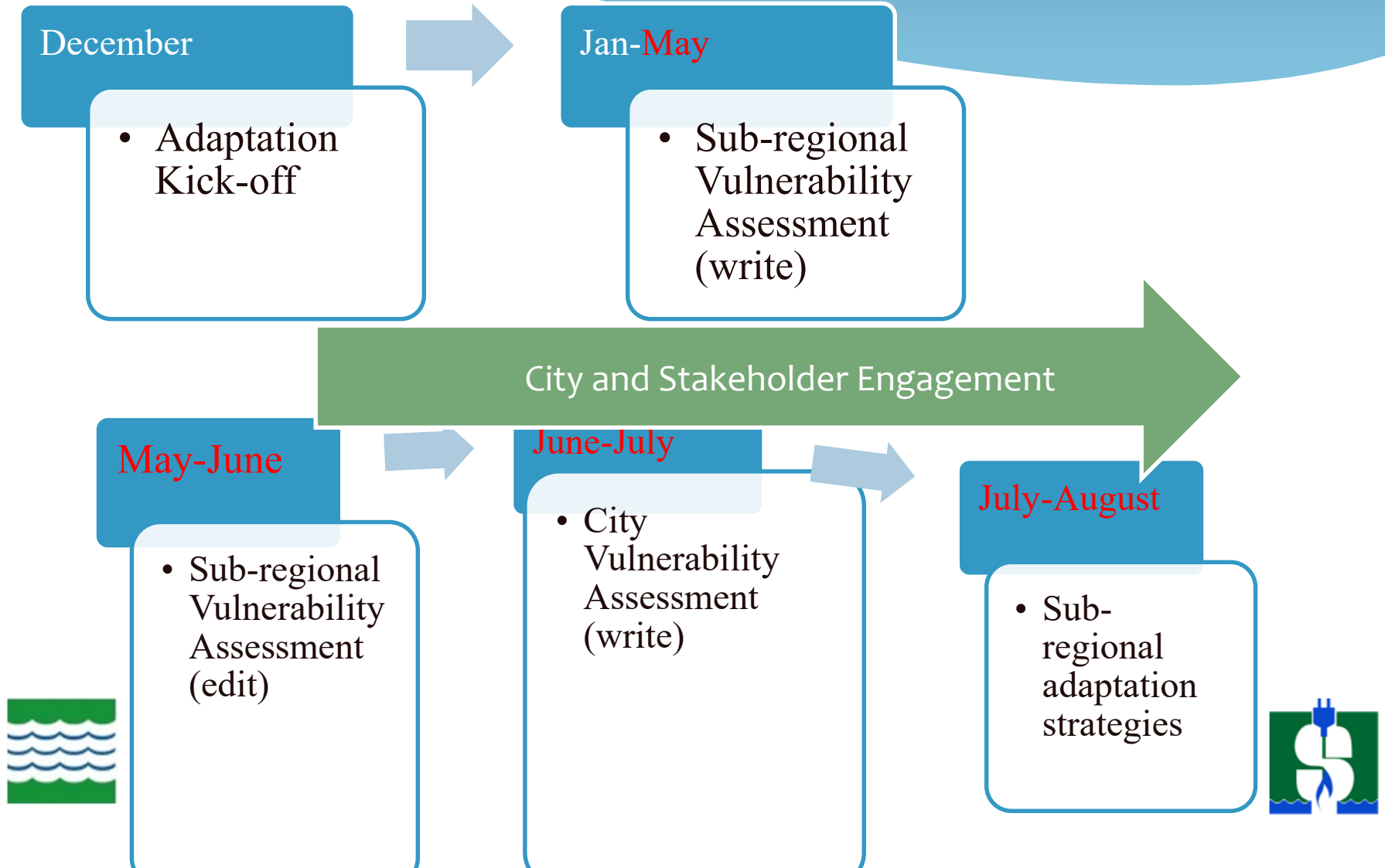


Risk Assessment Outputs:

1. Count of facilities impacted
2. Hotspot analysis (map areas most at risk)
3. Parcel report (parcels most at risk)

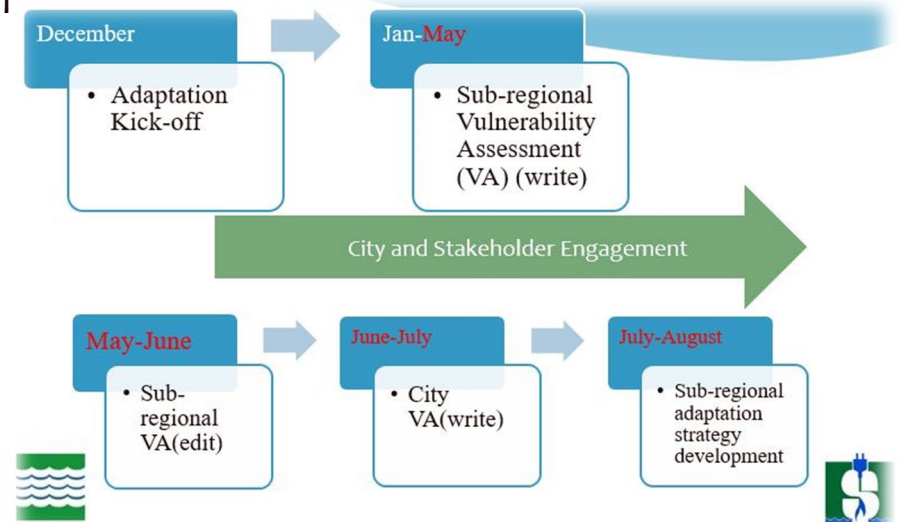


Adaptation Planning Timeline- **REVISED** 2018-2019



Next Steps

- Sub-regional VA review
 - Social Vulnerability Section (6/12)
 - Sector Analysis (7/5)
- City VA review (7/12)
- Cities Convene (early-August)
 - City assessments feedback and outstanding comments on sub-regional VA
 - Sub-regional adaptation strategy selection process



Questions or Feedback

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