



**Adaptation Strategies Working Group Meeting Minutes
June 22, 2016**

Alameda County Public Works Agency, 399 Elmhurst Street, Hayward

Participants

Andy Gunther	Bay Area Ecosystems Climate Change Consortium
Chuck Anderson	Schaaf & Wheeler
Dale Kerper	DHI Water & Environment
Elizabeth Murray	USACE
Ken Schreiber	Land Use Planning Services
Lauma (Jurkevics) Willis	California Department of Water Resources
Laurie Kozisek	City of Alameda
Michelle Iblings	Alameda County Flood Control and Water Conservation District
Rohin Saleh	Alameda County Flood Control and Water Conservation District
Sybil Hatch	Convey, Inc.
Ani Thompkins	Convey, Inc.

Powerpoint/WebEx Presentation on Adaptation Strategies Road Map

- Question about funding at state/national level. What “date” do we design for?
 - Policy group working on funding for Technical Adaptation Strategies projects/studies needed to fill knowledge gaps (\$2-5M range)
 - BCDC “Funding Our Future” looking for ~\$50B needed for design/construction of projects
 - 21 Items may fall under the “Research” section of broader BCDC/Coastal Conservancy efforts.
- Discussion about broader outreach to elected officials (e.g. County Board of Supervisors)
 - Distinction/difference between parallel outreach and vertical outreach
 - CHARG is developing MOU to be more of an official collaboration for outreach
 - Story-telling, broad vision statements, and less detail are needed for vertical outreach
 - Distinction/difference between top-down and bottom-up story-telling and vision creation. Details are needed as a base for the vision/direction, but we also need a vision to get elected officials on board.
 - “Old way of doing business will not suffice for SLR” – good example of a story/vision.
 - Education for SLR is different/more difficult than other event-based disasters (e.g. flood/hurricane). More frequent King tide events likely scenario/platform for education in the near term.
 - Lack of knowledge is biggest challenge
- Task 2 Decision matrix (scenario management) anticipated to be the most complex task
 - Redundancy in protection needed for more critical infrastructure – address with higher “weight”
 - Hot Spot map already addressed with ART and King Tide efforts

- BCDC + MTC have funding (\$1.2M) to identify transportation gaps
- Kristina Hill at Berkeley – parallel efforts/study; other regions (Florida/Holland) driven by groundwater
- Discussion about Retreat (unmanaged, managed)
 - Use unmanaged as a point to demonstrate what we are attempting to avoid
 - Different agencies will have different “numbers”/thresholds of impact before they make decisions
 - Facebook EIR has 1 paragraph out of 600-700 pages addressing SLR
- Criteria/metrics is more of a policy issue than a technical one. May be too detailed right now based on time-frame of SLR (occurring over several decades) and term of elected officials.

Discussion/Prioritization of Needs Inventory

- Some of the “Why Is it Needed” column descriptions do not match the project title. There are also overlaps between projects and categories. Michelle will email editable version to attendees for their comments.
- Consider aligning Categories with Goal Statements or Objectives of CHARG
- Chuck (SW) gave a summary of their work in Foster City
 - Difference between wind forecast in “COSMOS” and Chris May (AECOM) models (affects wave runup)
 - Construction costs are drastically different with increases in heights/SLR projections.
 - Working with Mark Stacey to look at adaptation scenarios.
- The attendees used “sticker voting” to prioritize the 21 items; Total of Results are below.

Item #	# Votes	Project Title
5	8	Evaluate the impacts from large scale infrastructure (tide gates, tide barriers) on water levels, circulation, and sedimentation.
11	6	Evaluate sediment supply and demand for restoration projects targets under various SLR projections.
1	5	Determine impacts of individual response to SLR.
9	4	Evaluate increased Wave Heights in the bay and at the shoreline due to presumably deeper water conditions.
14	4	Evaluate groundwater impacts to aquifers, infrastructure, and natural systems.