

**San Francisco Bay Regional CHARG: Coastal Hazards Adaptation Resiliency Group  
 July 1, 2015 Joint Technical + Funding Working Groups Action Items + Meeting  
 Minutes  
 Location: FEMA**

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**Participants**

<b>Participant</b>	<b>Organization</b>
David Behar	SFPUC
Patrick Bernard (Phone)	USGS
John Bourgeois (Phone)	SCC
Norma Camacho	SCVWD
Warner Chabot	SFEI
Ellen Cross	Convey, Inc - Facilitator
Ed Curtis	FEMA
Wendy Goodfriend	BCDC
Andrew Gunther	CEMAR / BAEC
Sybil Hatch	Convey, Inc – Co-Facilitator
Lindy Lowe	BCDC
David Pine	San Mateo County/BCDC Board Director
Jim Porter	San Mateo County
Rohin Saleh	ACFCD
Kathy Schaefer	UCB – CCRM
Brian Schmidt	SCVWD (former)
Eric Simmons	FEMA
Jordi Vasquez	SFPUC Intern

**ACTION ITEMS:**

- **Rebuild by Design:** City/County of San Francisco Planning Department in collaboration with Rebuild by Design and other organizers, is planning an international design competition to develop regional solutions for sea level rise. Similar competitions were held in New York City / New Jersey after Superstorm Sandy and in New Orleans, after Hurricane Katrina. The competition will include environmental and vulnerability assessments. San Francisco planning staff are talking to different cities and counties. BCDC is a partner and is considering the launch at their 50<sup>th</sup> anniversary (September 2015). Fundraising is ongoing and will include assistance from participating organizations, foundations, and private organizations.
  - **Opportunities for CHARG + Rebuild by Design**
    - Potential to recommend sites
    - Potential to participate on selection committee for designs
    - Potential to help raise funds
    - Potential to provide technical “in kind” services including guidance, standards and adaptation options.
    - Potential to get design teams up to speed on available information
    - Potential to help raise the visibility of issues in conjunction with Rebuild by Design
    - Potential to provide criteria for design selection such as governance, finance, community engagement, engineering solutions

- Potential to be credible partners to work with the state, federal and local agencies.
    - SFEI may recommend a beneficial primer that combine available summary of scientific knowledge on the bay to provide a common basis of information. It would include a compendium of existing data on ecological conditions of the bay and where there is scientific consensus on SLR issues (**Warner to send 3 pager**)
  - **Next Steps on Rebuild by Design**
    - Ellen to set up an internal call with the CHARG Rebuild Team: Warner, David, Kathy, Rohin, Lindy, and Norma
    - Lindy Lowe to outreach to Diana Sokolov and Amy Chester and set up a face-to-face meeting with CHARG
    - Possible agenda: discuss alignment between CHARG goals and goals for design competition; discuss ways CHARG can participate (as discussed above).
- **Funding Working Group: Funding Brief (Kathy S to follow up with Lindy L):** Kathy Schaefer is developing a Funding Brief outlining the regional issues pertaining to SLR and a regional request for funding on the order of \$50M.
  - Kathy to follow up with Lindy on ART concepts and verbiage pertaining to regional priorities
  - Kathy to follow up with Terri Wegener when state investment strategy is publically available.
  - Kathy to provide Steering Committee and Working Groups a draft Funding Brief and provide a timeline to present it to specific audiences. Potential timing:
    - Present to legislative staff in Sept/Oct as an educational piece on regional issues so they have a basis for possibly introducing in 2016.
    - Present it at the Fall State of the Estuary conference (Sept) where the Report on the State of the Bay and 30 indicators will be presented
    - Present it with the October Bayland Habitat Goals for the shoreline for 100 years
    - Announce it at BCDC's 50<sup>th</sup> anniversary (Sept) with concept of the Rebuild by Design
  - Use PM software to detail out the amount needed
  - Consider a proposal of money if we were in emergency mode
- **Technical Working Group:** Reviewed the 5 priorities: Reconnaissance, SLR Science, Adaptive Strategies, Groundwater and Infrastructure + Coastal Erosion Vulnerabilities. Each team to develop a summary of the desired outcomes of the work associated with the priority area and a call-to-action to engage stakeholders in the topic.
  - **Priority 1: Reconnaissance**
    - Models: Patrick Bernard went through the proposed analysis. Group suggested changes:
      - Need more detail on limitations and strengths of each model.
      - Review if it can handle waves, wind, geomorph, water quality, scale? (Rohin to work with Patrick and send David Karper, DHI's contact information)
      - What should the model be used for
      - Who should use the model
      - Matrix of intercomparables

- Where is the model available
    - Other specific priority areas provide reconnaissance
  - **Priority 2: SLR Science**
    - Team: D Behar (Lead), Patrick, Andy, Wendy, and Kathy
    - Explore:
      - Whether we will be advocating a universal standard? (NRC Report for SFPUC; not everyone has to adopt it)
      - What guidance is being used
      - Can we come up with a universal standard customized to types of shoreline
      - What's happening with Adaptive Strategies around the bay and how to deal with uncertainty and adaptive management
    - Set an example of leadership and collaboration. Jurisdictions want guidance; for example, make recommendations on Foster City and act as an Advisory Panel
  - **Priority 3: Adaptive Strategies (Wetland Restoration, Sedimentation, and Flood protection)**
    - Team: Rohin (Lead), Ed, Lindy
    - Explore
      - What the proper title of this Priority is
      - What point do you take action – what is the information that you will need in order to take action (what is the trigger)
      - What's at risk? May get answered by Sustainable Communities Strategies (work in concert with Allison/ Lindy)
      - Consider recommending a regional ART project
  - **Priority 4: Groundwater**
    - Team: Sybil (Lead), Wendy, Ellen ACWD.
    - Information Needed
      - Peter's South Bay Study (USGS)
      - ACWD and CCWD local groundwater studies
    - Explore:
      - White paper – idea that discovering the connections of groundwater that lead to impacts
      - Groundwater impacts map
      - water supply / groundwater unit at SCWVD (**Norma to approach topic**)
      - ACWD and Marin (leach field) (Sybil to reach out to Rohin and Roger respectively)
- **Other Next steps:**
  - Convey to provide PowerPoint format to each priority team
  - Each priority team to meet and develop their PowerPoint prior to August 4<sup>th</sup> presentation to Technical Working Group
  - Present to the Technical Working Group on August 4<sup>th</sup> 9:00 to 11:00 am
  - Funding Working Group to meet July 23 11:30 am to 1:00 pm
  - Steering Committee meeting on August 24<sup>th</sup> from 3:00 pm to 5:00 pm at SCC