



**San Francisco Bay Regional CHARG: Coastal Hazards Adaptation Resiliency Group
 June 23, 2016 Technical Working Group Action Items + Meeting Minutes
 Location: Alameda County Administrative Office, Oakland**

Participants

Bob Sikora	NA
Bruce Riordan	Climate Readiness Institute
Craig Conner	US Army Corps of Engineers
Dale Kerper	DHI Water & Environment
Dan Matthies	Wood Rodgers, Inc.
David Behar	San Francisco Public Utilities Commission
Jean Toilliez	Arcadis
Jeff Carson	City of Hayward - Water Pollution Control Facility
Lauma (Jurkevics) Willis	California Department of Water Resources
Laurie Kozisek	City of Alameda, Public Works Department
Maya Hayden	Point Blue Conservation Science
Michelle Iblings	Alameda County Flood Control District
Randy Brandt	Geosyntec Consultants
Robin Lee	Schaaf & Wheeler
Rohin Saleh	Alameda County Flood Control District
Sybil Hatch	Convey, Inc.
Ani Thompkins	Convey, Inc.

General Discussion:

- Sea level rise science sub-group presentation: David Behar
 - Fellows from the City Hall fellows program created, distributed, and analyzed results of a survey that was sent to select entities around the Bay to query about their sea level rise planning activities (sixteen municipalities in three counties). See attached presentation and handouts:
 1. Preliminary results presentation – CHF SLR Survey 6.23.16 (DRAFT – final will be distributed when done)
 2. Sea Level Rise Regional Survey Questions
 3. Sea Level Rise Regional Survey Report
 - Add SCVWD and City of Hayward results

- The sea level rise science sub-group is not working on any other activities, including new science
- Ocean Protection Counsel is updating state sea level rise policy, including information about land ice-melt, and forming a scientific work group. The policy will be published in 2017.
- Adaptation Strategies sub-group presentation: Rohin Saleh
 - See attached presentation and handouts:
 1. CHARG Adaptation Strategies Workplan
 2. CHARG Preliminary Studies Categories
 - Resilient by Design recap (see June 16, 2016, steering committee meeting notes)
 - This sub-group will work with the policy working group to form a guidance document for stakeholder engagement.
 - How is the sub-group effort distinguished from Adapting to Rising Tides effort by BCDC? BCDC primarily working on implementation plans at the local level, CHARG looking at sub-regional and regional solutions
 - BCDC and BARC are putting together a conceptual map of funding, governance, regulatory, and technical issues to illustrate the map of sea level rise. The CHARG study fits within the “research” area and will likely inform many decisions that need to be made.
 - Adaptation Strategies study is a multi-year effort that will require several million dollars in funding to complete.
 - In advance of Resilient by Design project, SFEI is putting together a library of existing seminal studies, data, and literature already available that can be shared with design competition teams. CHARG will have access to that library through its relationship with SFEI.
 - CHARG web page has a map of projects that are underway or have been planned around the Bay.
- Groundwater sub-group: Craig Conner
 - While sea level rise is regionally distributed, groundwater is more site-specific, which makes it challenging to apply Bay-wide policies; research needs to be done.
 - Craig will send anyone interested in joining this sub-group a list of available dates for a meeting in July. Convey will help as-needed with facilitation and/or organization of this meeting.
- Other discussion
 - San Francisco Cooperative NOAA program has a goal to help leverage connections between different groups working on sea level rise. Implementing marsh monitoring for early detection network; monitoring can inform restoration projects and shoreline projects.