



CHARG Technical Working Group Meeting
“Sea Level Rise Jurisdictions” (working title) Kick-off

Tuesday December 13, 2016 1:00 - 3:00 pm
 Alameda County Flood Control District offices
 399 Elmhurst Ave, Room 217A, Hayward, CA

<i>Time</i>	<i>Topic</i>	
1:00	Introductions	All
1:15	Purpose of the study and how the results will be used (see A, below)	Rohin Saleh, All
1:45	Brainstorm criteria to categorized local, sub-regional, and regional issues (see B, below)	All
2:30	Discuss methodologies to be used (see C, below) <ul style="list-style-type: none"> - Modeling - Outreach and collaboration - Dissemination of results - Who does the work? 	All
3:00	Next steps, and adjourn	All

- A. At our October 24, 2016, working group meeting, Rohin Saleh outlined a concept for a new study in which GIS and LIDAR data are used along the San Francisco Bay water/land interface to help define the limits of local, sub-regional, and regional flooding scenarios, based on water level.

For example, there are a number of local (hot-spot) projects that will need to be implemented to protect shorelines at current or near-term water levels. As sea level rises, however, more shoreline is vulnerable and property owners will need to start considering impacts to/from neighboring properties, and plan accordingly.

This project would identify those “trigger points” (i.e. water levels) at which local flooding becomes sub-regional and sub-regional flooding becomes a regional issue. The results of the study will help provide guidance to cities and counties when planning their shoreline adaptation strategies. The results will also offer a more meaningful interpretation of which sea level rise projection curves should be used for which situations.

- B. At this meeting, we'll look at existing inundation mapping and use our knowledge of conceptual/possible Bay area adaptation strategies to develop criteria for categorizing the jurisdiction criteria. An example of the criteria to be used to categorize local, sub-regional, and regional issues may include, for example:
- At SLR level "X," flooding contained largely within a city or county boundary: local issue to be dealt with by local agency or property owner
 - At SLR level "Y," flooding that crosses a city or county boundary: sub-regional issue to be dealt with by smaller group of neighboring agencies or property owners
 - At SLR level "Z", "Q" percent of a sub-region(s) becomes flooded: regional issue that will require a larger-scale regional solution
- C. We won't actually do the analysis at this meeting, but will discuss how the analyses should be performed, and discuss the final product (white paper, or similar).