

Final draft

Sea Level Rise in the San Francisco Bay Area: a Survey of Stakeholders

Centre for Environmental Policy & Behavior
UC Davis

Survey results will be anonymous and reported as aggregate data. Your answers will not be associated with your personal information in any way. All participation is completely voluntary and can be stopped at any time.

Section 1 – Your role within your organisation

1. Which of the following statements would best characterize your involvement with Sea Level Rise issues in the Bay Area?
 - ☐ No involvement
 - ☐ A part of my work, with occasional involvement
 - ☐ A part of my work, with routine involvement
 - ☐ A major aspect of my work for less than a year
 - ☐ A major aspect of my work for 1-5 years
 - ☐ A major aspect of my work for more than 5 years

→ exit now “Thank you for your time”
2. Is your involvement in Sea Level Rise-related issues done on behalf of an organization you represent or work for?
 - ☐ No, I am involved on my own.
 - ☐ Yes, I am involved on behalf of one organization.
 - ☐ Yes, I am involved on behalf of several organizations.
3. Please provide in the appropriate boxes below the formal name that fully identifies the primary organization you work for. If you are involved in more than one organization, please list them *in order of your level of involvement*.
 - ☐ Enter primary organization: _____
 - ☐ Enter second organization: _____
 - ☐ Enter third organization: _____
 - ☐ Other: _____

The rest of the questions in this survey concern your primary organization or your perceptions and evaluations in your professional capacity at your primary organization.

4. Please choose the category or categories that best describe your primary organization:

- ☐ Federal government
- ☐ State government
- ☐ Regional Government
- ☐ Local Government (Cities, Counties)
- ☐ Water Infrastructure Special District (e.g.; irrigation district)
- ☐ Environmental Special District (like a Park district, open space district)
- ☐ Environmental Group
- ☐ Trade/Business/Industry Group
- ☐ Education/Consulting/Research
- ☐ Multi-stakeholder group
- ☐ Multi-jurisdictional regulatory/planning entity
- ☐ Political Party
- ☐ Community-based organization
- ☐ Agriculture
- ☐ Media
- ☐ Other _____

5. What is your official job title? _____

6. What tasks do you perform within your organization? (please check all that apply)

- ☐ Executive Management (i.e. top management)
- ☐ Policy analysis
- ☐ Planning
- ☐ Scientific research
- ☐ Governmental Affairs
- ☐ Project management
- ☐ Advocacy
- ☐ Outreach/Communication
- ☐ Other _____
- ☐ Prefer not to say

7. In the past two years, have you been employed by/affiliated with any other organizations working on Sea Level Rise?

If yes, please list them here _____

If no, please proceed to the next question.

8. What part of the Bay Area does your organization work on? (please check all that apply – include an “All of it” option)

MAP—Operational Shoreline Segments from SFEI
Operational Landscape Units (OLUs)

Section 2 – Your perceptions of Sea Level Rise in the Bay Area

9. How informed do you feel about the short-term and long-term consequences of Sea Level Rise in the Bay Area?

	Not informed	Somewhat informed	Well-informed	Very well informed
Short term consequences				
Long term consequences				

10. How concerned do you feel about the short-term and long-term consequences of Sea Level Rise in the Bay Area?

	Not concerned	Somewhat concerned	Concerned	Very concerned
Short term consequences				
Long term consequences				

11. Based on your own experience, how would you qualify the level of agreement among stakeholders (including policy-makers, private sector, community organizations, etc) concerning the risks posed by Sea Level Rise in the Bay Area?

- ☐ Very high
- ☐ High
- ☐ Fairly high
- ☐ Not very high
- ☐ Low
- ☐ Very low

12. Please select, from the list below, the 3 main factors that, in your opinion, facilitate or would facilitate the incorporation of the best available science concerning Sea Level Rise into policy decisions?

- ☐ Increased stakeholders' familiarity with scientific tools (e.g. electronic simulation maps)

- Communication of scientific results or estimates in plain, accessible language
- Scientists' participation into policy meetings
- Direct relationships with scientists working on Sea Level Rise
- Increased public availability of scientific knowledge
- Creation of a single platform of available scientific information
- Update existing reports on Sea Level Rise for the whole Bay Area
- Availability of a source of translation of scientific knowledge into cost estimates
- Stakeholder agreement on the interpretation of scientific information
- Other _____

13. How many different sources of scientific information (e.g. reports, databases, consultancies, research centres) concerning Sea Level Rise do you rely upon for performing your job tasks?

- _____

14. How soon do you think the visible impacts of Sea Level Rise (e.g. frequent flooding and associated disruptions) will be felt in the Bay Area?

- Later than 2100
- By 2100
- In the next few decades
- In the next few years
- They are starting to be felt right now
- They have been felt for a while already

15. Sea Level Rise will affect several types of infrastructure as well as communities. From the list below, please pick the three items or sectors that you are most worried about.

	Please check with an X
Transportation infrastructure	
Water supply infrastructure	
Waste and storm water infrastructure	
Energy infrastructure	
Ecosystems health	
Coastlines	
Commercial developments	
Disadvantaged communities	
Economic growth	
Property values	
Availability of housing	
Public health	
Other (please write in)	

16. If you had to decide what Sea Level Rise policies should be prioritized in the Bay Area, which three would you select from the list below?

	<i>Please select three responses</i>
Create a regional Sea Level Rise adaptation plan	
Complete vulnerability assessments for all 9 counties as soon as possible	
Pass a tax measure at the local/county/state level to address Sea Level Rise	
Lobby at the state or federal level for funding to help respond to Sea Level Rise in California	
Develop faster/more efficient permitting processes that incorporate considerations of Sea Level Rise	
Create a single information platform concerning the status of projects related to Sea Level Rise in the Bay Area, cost projections and scenarios	
Focus attention on the impact of Sea Level Rise on disadvantaged communities in the Bay Area	
Promote projects aimed at accommodating Sea Level Rise with "green" infrastructure	
Promoting projects with different or innovative design solutions	
Supporting local jurisdictions to respond to Sea Level Rise threats as they see fit	
Establish a new regional authority to address Sea Level Rise in the Bay Area	
Empowering an existing regional agency to address Sea Level Rise in the Bay Area	
Create a collaborative partnership of existing regional agencies to address Sea Level Rise in the Bay Area	
Other	
Other	

Section 3 – Your organisation’s participation in initiatives concerning Sea Level Rise in the Bay Area

17. In the past year, which of the following collaborative activities did you/your organization engage in as part of your work on Sea Level Rise in the Bay Area? (please check all that apply)

- ☐ Sharing information with other organizations
- ☐ Engaging in joint planning with other organizations
- ☐ Implementing projects jointly with another organizations
- ☐ Streamlining permitting applications across permitting agencies
- ☐ Training personnel from other organizations
- ☐ Sharing personnel with other organizations
- ☐ Carrying out research projects jointly with other organizations
- ☐ Preparing grant/funding proposals jointly with other organizations
- ☐ Organizing public meetings jointly with other organizations
- ☐ Outreach activities regarding new Sea Level Rise-related projects jointly with other organizations
- ☐ Publishing reports or other publicly available documents jointly with other organizations
- ☐ Signing a formal agreement with another organization
- ☐ Joining or supporting litigation or other judicial processes
- ☐ Carrying out advocacy activities jointly with other organizations
- ☐ Other (please specify) _____
- ☐ Nothing

18. In the past year, which of the following have represented barriers to your organization’s working collaboratively with other organizations in Sea Level Rise in the Bay Area? (please check all that apply)

- ☐ Scarce budgetary/staff resources
- ☐ Lack of experience collaborating with other organizations in the Bay Area
- ☐ Distrust among stakeholders
- ☐ Lack of political leadership of elected officials
- ☐ Uncertainty about the future extent of sea level rise
- ☐ Uncertainty about how quickly sea level rise will happen
- ☐ Lack of availability of adequate scientific information
- ☐ Lack of an overarching plan
- ☐ Permitting obstacles

- Lack of public support for policies addressing Sea Level Rise
- Lack of relationships with community-based organizations
- Other: _____

19. How would you characterize the amount of resources (i.e. staff and/or funds) your organisation has devoted to Sea Level Rise in the Bay Area in the past year?

- Far too much
- Too much
- About right
- Too little
- Far too little

20. Sea Level Rise issues can be addressed in different kinds of policy forums, planning processes, and initiatives (e.g. Resilient by Design; Marin County Assessment; Adapting to Rising Tides program; etc.) where stakeholders and authorities deliberate and make decisions about programs, policies, permits, projects, and funding. Please list the top five initiatives concerning Sea Level Rise in the Bay Area that you participate in as part of your role at your organization. *Please spell out the full name of the initiative.*

Project/Initiative/Plan

Now please, for each of the initiatives you just mentioned, tell us the following:

	10, where 0 is “major negative impact” and 10 is “major positive impact”, how would you describe the impact of this initiative on your organization’s goals?	initiative, the goals of all involved organisations are taken into account.	participating in this initiative has led to tangible progress in preparing for Sea Level Rise.	from 0 to 10, where 0 is “very unfair” and 10 is “very fair”, how fair would you say that the process of reaching decisions in the initiative is for all stakeholders?	has produced innovative thinking regarding adaptation to Sea Level Rise.	following statements best characterize the decision-making processes in this initiative in the past year?	list below, the barriers to cooperation in this initiative. (check all that apply)
	<ul style="list-style-type: none"> ○ Very negative impact = 0 ○ Very positive impact = 10 ○ Don’t know = 99 	<ul style="list-style-type: none"> ○ Strongly agree ○ Agree ○ Somewhat agree ○ Disagree ○ Strongly disagree ○ Don’t know 	<ul style="list-style-type: none"> ○ Strongly agree ○ Agree ○ Somewhat agree ○ Disagree ○ Strongly disagree ○ Don’t know 	<ul style="list-style-type: none"> ○ Very fair = 0 ○ Very unfair = 10 ○ Don’t know 	<ul style="list-style-type: none"> ○ Strongly agree ○ Agree ○ Somewhat agree ○ Disagree ○ Strongly disagree ○ Don’t know 	<p>1: For most decisions in this initiative, most groups can benefit as long as they can develop a common policy.</p> <p>2: Although most groups can benefit from most decisions, there is conflict over who will benefit the most.</p> <p>3: For most decisions, one group’s gain involves another group’s loss.</p> <p>4. Don’t know</p>	<ul style="list-style-type: none"> ○ Participants don’t attend often enough ○ Participants don’t share common views ○ Participants are not trustworthy ○ The time demands are too high ○ The process is controlled by a few dominant stakeholders ○ The initiative lacks authority to produce binding decisions ○ The procedures are confusing ○ There is too much scientific uncertainty ○ Lack of resources ○ There are no barriers ○ Other _____
	<ul style="list-style-type: none"> ○ Major negative impact = 0 ○ Major positive impact = 10 ○ Don’t know 	<ul style="list-style-type: none"> ○ Strongly agree ○ Agree ○ Somewhat agree ○ Disagree ○ Strongly disagree 	<ul style="list-style-type: none"> ○ Strongly agree ○ Agree ○ Somewhat agree ○ Disagree 	<ul style="list-style-type: none"> ○ Very fair = 0 ○ Very unfair = 10 ○ Don’t know 	<ul style="list-style-type: none"> ○ Strongly agree ○ Agree ○ Somewhat agree ○ Disagree 	<p>1: For most decisions in this venue, most groups can gain as long as they can develop a common policy.</p>	<ul style="list-style-type: none"> ○ Participants don’t attend often enough ○ Participants don’t share common views ○ Participants are not trustworthy

		<ul style="list-style-type: none"> ○ Don't know 	<ul style="list-style-type: none"> ○ Strongly disagree ○ Don't know 		<ul style="list-style-type: none"> ○ Strongly disagree ○ Don't know 	<p>2: Although most groups can gain from most decisions, there is conflict over who will gain the most.</p> <p>3: For most decisions, one group's gain involves another group's loss</p>	<ul style="list-style-type: none"> ○ The time demands are too high ○ The process is controlled by a few dominant stakeholders ○ The initiative lacks authority to produce binding decisions ○ The procedures are confusing ○ There is too much scientific uncertainty ○ Lack of resources ○ There are no barriers ○ Other _____
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Section 4 – Your organisation’s relations to other organisations working on Sea Level Rise

21. From the following categories, please list the organizations that you have collaborated most closely with in the context of Sea Level Rise planning during the past year.

ORGANIZATION NAME
Federal Governmental Agencies
State Governmental Agencies
Local/Regional Government
Non-Governmental Stakeholders (including research institutions, citizen groups, private actors, and any other relevant stakeholders)

22. When choosing organizations to work with, which of the following factors do you consider important (please check all that apply)?

- ☐ They have information that my organisation needs to conduct its work
- ☐ They provide my organization with financial resources

- They help my organization reach a broader network
- They do similar work as my organization
- Their work complements the work that we do in my organization
- They have authority to make policy decisions
- They help my organisation conduct advocacy
- They are reputable organisations
- They are involved in projects that affect my organization's interests
- Other: _____

23. Are there organisations that you would like to collaborate with, but do not at present?

If yes, please list them here _____.

- Don't know

Thank you for completing this survey. If you'd like to receive information on the results, please leave your email here _____