

Academic/Public Interest Organizations

Buckeye Conservancy

Description

The Buckeye Conservancy is a non-profit organization dedicated to the protection of open space and family ranch land values on California's North Coast. They have over 150 family, individual and commercial memberships, representing over 300,000 acres of forests and rangeland in the county.

Reference Links

<https://www.thebuckeye.org/>

California Coastal Resilience Network

Description

Coastal Resilience is a program led by The Nature Conservancy to examine nature's role in reducing coastal flood risk. The program consists of an approach (assess hazard risk and community vulnerability, identify nature-based solutions, take conservation and restoration action, and measure the effectiveness of our actions to reduce flood risk), a web mapping tool, and a network of practitioners around the world supporting hazard mitigation and climate adaptation planning.

The stated mission of the California Coastal Resilience Network, a Coastal Resilience project under the umbrella of the Nature Conservancy's Coastal Resilience program, is to promote knowledge exchange to support adaptation solutions that strategically and comprehensively prepare California's coastal habitats and communities for climate induced impacts. The Network provides a space for informal dialogue between local and state managers to improve coastal management efficiency and communication and aims to provide local managers with the tools they need to implement nature-based multi-benefit coastal adaptation solutions.

Reference Links

<https://coastalresilience.org/>

<https://coastalresilience.org/project/california-coastal-resilience-network/>

California Trout

Description

California Trout (CalTrout) is a nonprofit organization focused on protecting and restoring wild fish in the waters of California. They accomplish this by advocating for fish and water policy, leveraging existing laws, and restoring fish habitat. CalTrout is comprised of six regions, one of which is the North Coast Region which includes the Humboldt Bay area. The North Coast regional goal is to recover and protect threatened salmon and steelhead populations and their habitats through the implementation of species recovery plans and proof-of-concept projects, and by advocating for science-based approaches and policy reform.

Reference Links

<https://caltrout.org/>

<https://caltrout.org/projects/aquatic-species-assessment-tool-asat>

<https://caltrout.org/article/recovering-the-elk-river-and-community>

<https://caltrout.org/article/restoring-and-reconnecting-the-mad-river-estuary>

Coastal Ecosystems Institute of Northern California

Description

The Coastal Ecosystems Institute of Northern California (CEINC) is a nonprofit organization formed in 2011. CEINC is dedicated to promoting and interpreting coastal ecosystem science along California's north coast to ensure vibrant and resilient coastal ecosystems and communities. It provides nonprofit administration for collaborative projects throughout the north coast to advance communication, collaboration, and conservation through applied science and promoting ecosystem-based management. CEINC coordinates the Humboldt Bay Initiative (HBI), which is described below.

CEINC was one of 22 regional stakeholders that comprised the Humboldt Bay Sea Level Rise Adaptation Planning Working Group (APWG) that was formed during Phase II of the Humboldt Bay Sea Level Rise Adaptation Planning Project funded by the State Coastal Conservancy. The goals of the project were to identify SLR vulnerabilities and support informed decision-making and encourage a unified, consistent regional adaptation approach among the jurisdictions around the bay. The project which was completed in 2015, at which time the APWG disbanded.

Reference Links

<http://www.coastalecosystemsinstitute.org/>

<http://www.coastalecosystemsinstitute.org/about-hbi/>

<http://www.coastalecosystemsinstitute.org/humboldt-bay-slr-vulnerability-and-adaptation-planning/>

Environmental Protection Information Center

Description

The Environmental Protection Information Center (EPIC) is a community based, non-profit organization advocating for science-based protection and restoration in the forests of Northern California with a specialty in resource policy at the local and national level. They protect imperiled species and their habitats by filing lawsuits and establishing legal precedents with cases that have gone before the U.S. Supreme Court and California Supreme Court.

Reference Links

<https://wildcalifornia.org/>

Friends of Arcata Marsh

Description

Friends of the Arcata Marsh (FOAM) is a nonprofit organization that supports the Arcata Marsh and Wildlife Sanctuary and Arcata Marsh Interpretive Center by educating the public about how wetlands can be used to treat wastewater. They provide volunteers and funding for community and educational programs in the marsh.

Relevant SLR Coastal Professionals Survey Findings

Results presented in this section for the SLR Coastal Professionals Survey 2021 do not necessarily represent an official view of the agency/organization or categories with which respondents identified, as explained in the introduction. Results presented below are intended only to provide general guidance in future planning and collaboration efforts. For more information on sampling methods and data collection, refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” and “lead”. The results for the Non-Government Organization category ranged from a mix of “not involved” and “participate” to just “participate”. A vast majority (82%) preferred participation as shown in the graph on the next page.

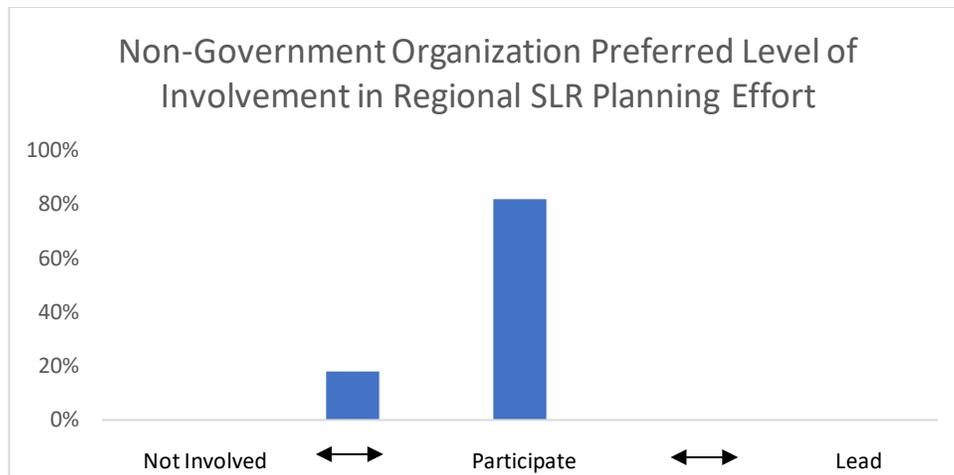


Figure 107. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from a Watershed/HU to a Humboldt Bay spatial scale with a 55% preference for a Humboldt Bay approach as shown in the graph below.

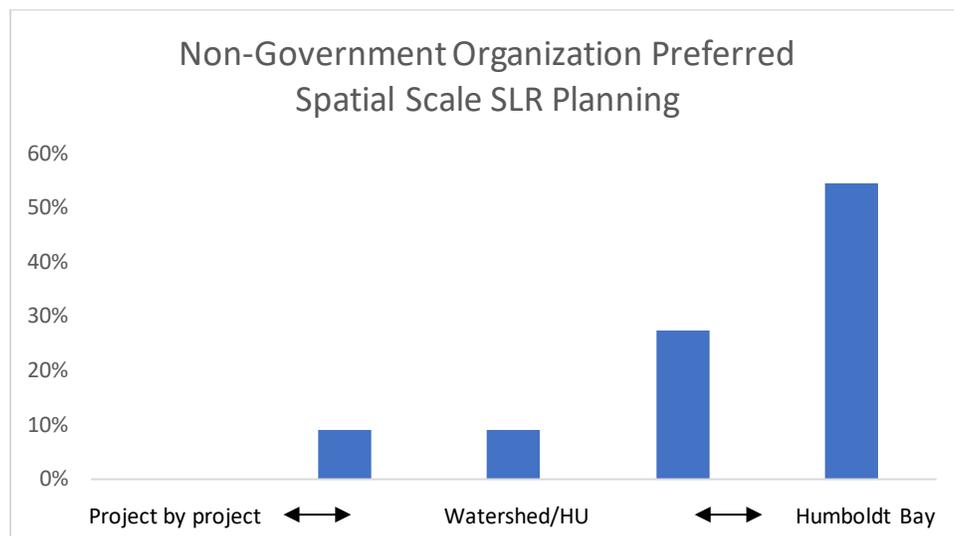


Figure 108. Non-Government Organization respondents' preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from “strongly oppose” to “strongly favor”. The results for the Non-Government Organization category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning

coordination and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

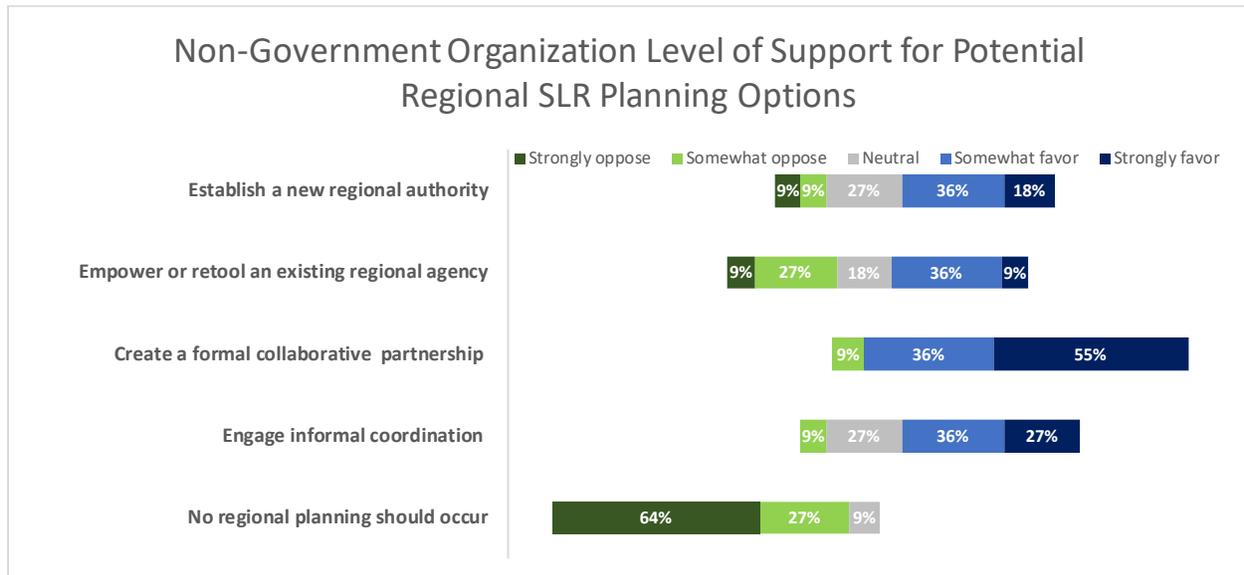


Figure 109. Non- Government Organization respondents' level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Reference Links

<https://www.arcatamarshfriends.org/>

Friends of the Dunes

See page 117.

Friends of the Elk River

Description

Friends of the Elk River is an advocacy group focused on creating lasting bonds between healthy forests and clean water within the Elk River watershed and the local community. They seek to restore the river for the benefit of people and fish and participated in a NCRWQCB forum with the RCAA for discussion of sediment load in the Elk River.

Reference Links

<https://www.facebook.com/friendsofelkriver>

https://www.waterboards.ca.gov/northcoast/water_issues/programs/watershed_info/eureka_plain/elk/

Relevant SLR Coastal Professionals Survey Findings

Results presented in this section for the SLR Coastal Professionals Survey 2021 do not necessarily represent an official view of the agency/organization or categories with which respondents identified, as explained in the introduction. Results presented below are intended only to provide general guidance in future planning and collaboration efforts. For more information on sampling methods and data collection, refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” and “lead”. The results for the Non-Government Organization category ranged from a mix of “not involved” and “participate” to just “participate”. A vast majority (82%) preferred participation as shown in the graph below.

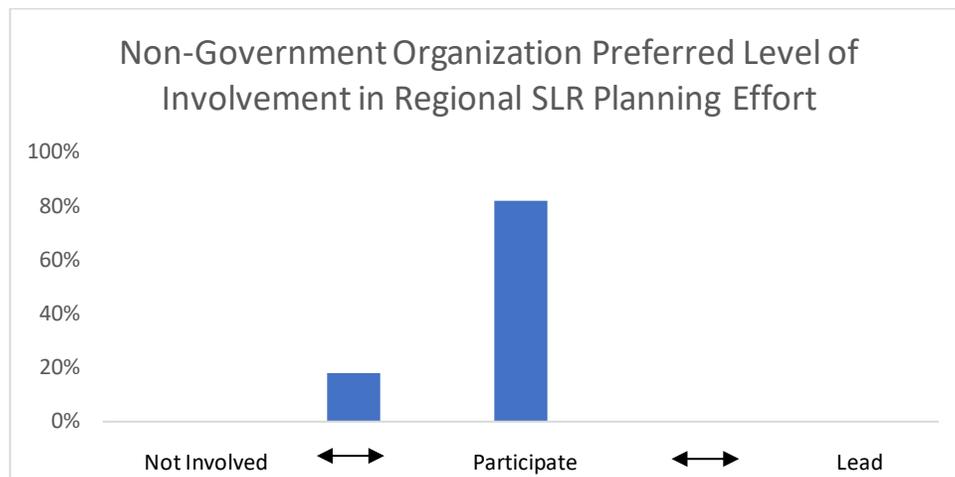


Figure 110. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from a Watershed/HU to a Humboldt Bay spatial scale with a 55% preference for a Humboldt Bay approach as shown in the graph on the next page.

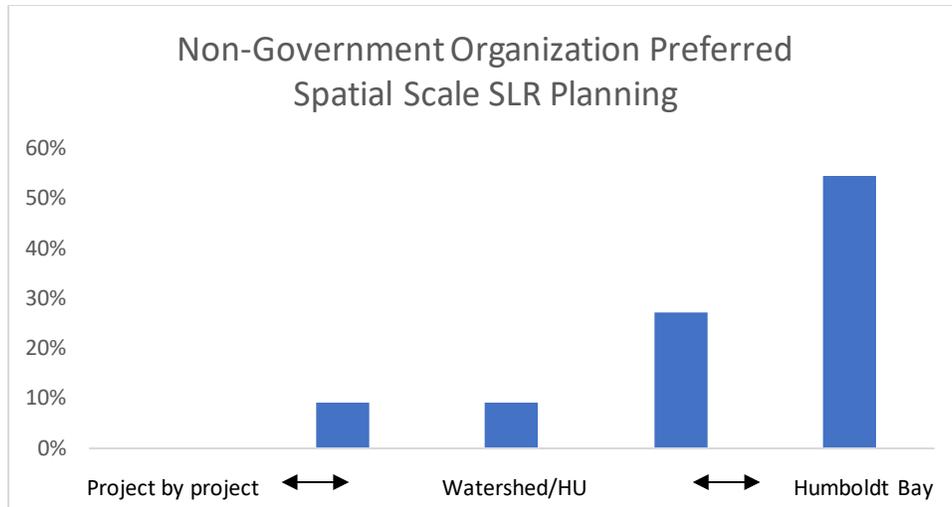


Figure 111. Non-Government Organization respondents’ preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from "strongly oppose" to "strongly favor". The results for the Non-Government Organization category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

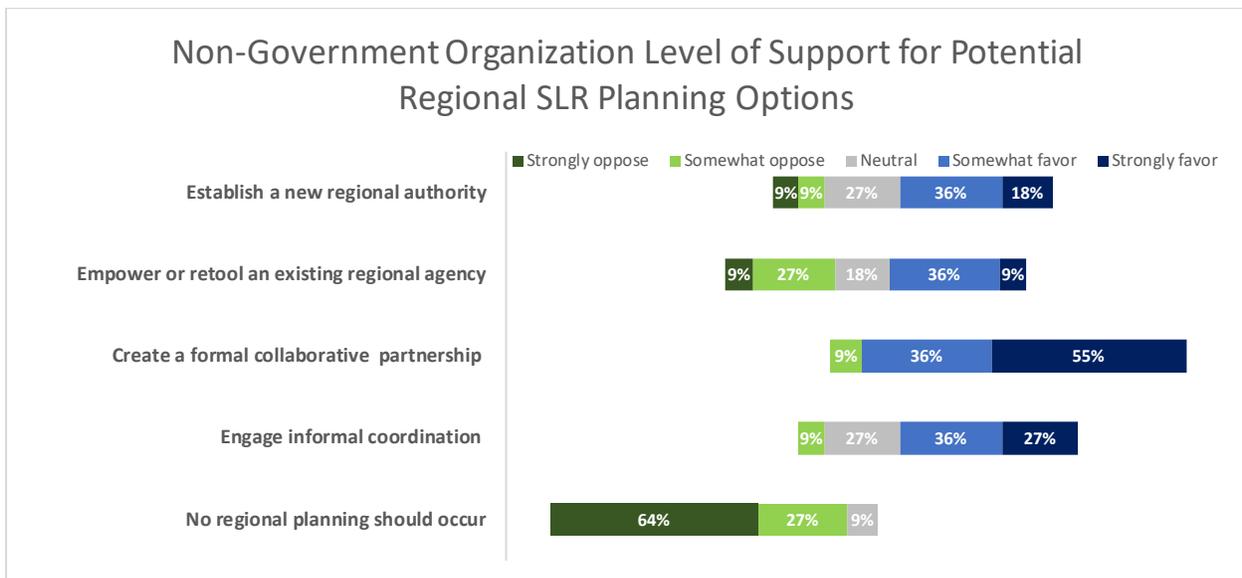


Figure 112. Non-Government Organization respondents’ level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Humboldt Baykeeper

Description

Humboldt Baykeeper monitors regional environmental issues in Humboldt Bay and surrounding areas to protect natural resources. Their mission is to involve a wide variety of concerned citizens from scientists and students to boaters, fishermen, and birdwatchers in local environmental protection initiatives. Their scope is not just the Bay itself, but also the tributaries and near-shore waters between Trinidad Harbor to the north and the Eel River estuary to the south. Humboldt Baykeeper began the Humboldt Bay King Tides Photo Initiative in 2011 which they use to track SLR issues in the area and reference in their campaigns concerning SLR local plans and policies.

Relevant SLR Coastal Professionals Survey Findings

Results presented in this section for the SLR Coastal Professionals Survey 2021 do not necessarily represent an official view of the agency/organization or categories with which respondents identified, as explained in the introduction. Results presented below are intended only to provide general guidance in future planning and collaboration efforts. For more information on sampling methods and data collection, refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” and “lead”. The results for the Non-Government Organization category ranged from a mix of “not involved” and “participate” to just “participate”. A vast majority (82%) preferred participation as shown in the graph on the next page.

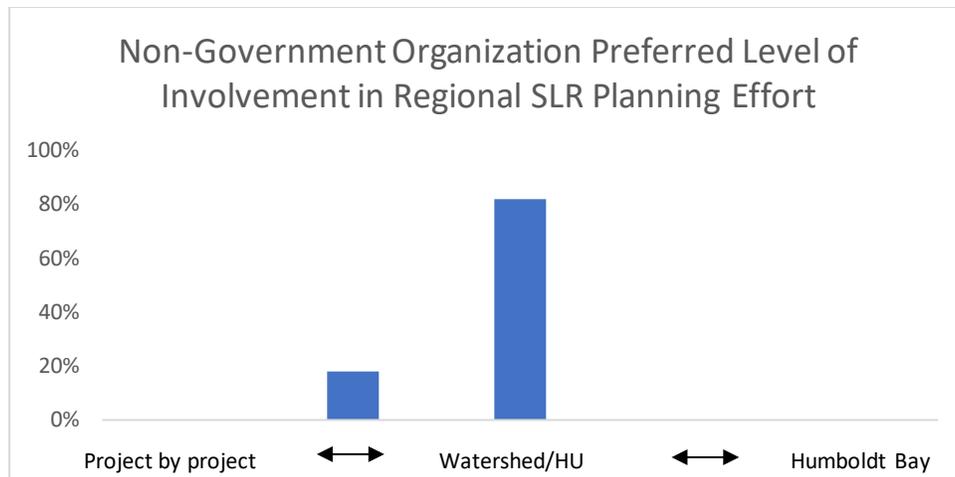


Figure 113. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from a Watershed/HU to a Humboldt Bay spatial scale with a 55% preference for a Humboldt Bay approach as shown in the graph below.

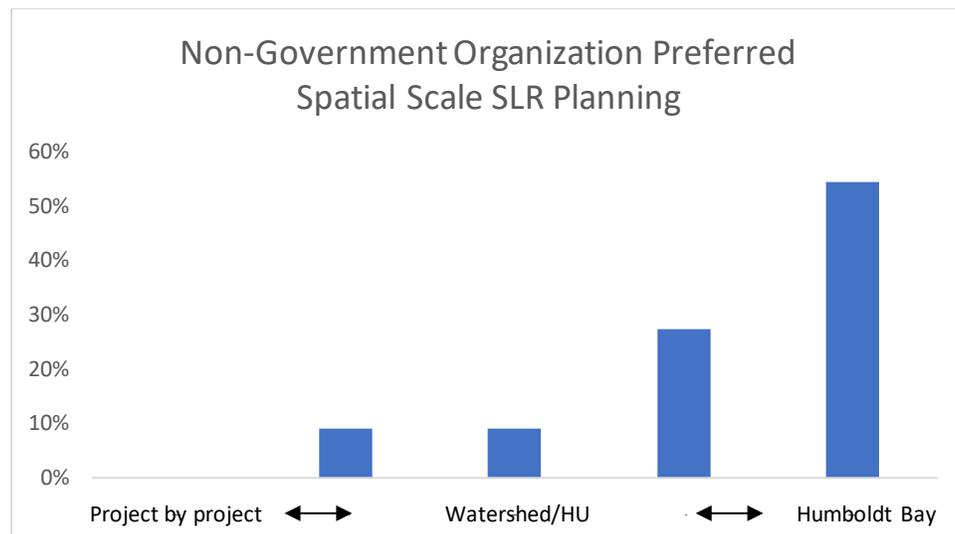


Figure 114. Non-Government Organization respondents' preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from “strongly oppose” to “strongly favor”. The results for the Non-Government Organization category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning

coordination and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

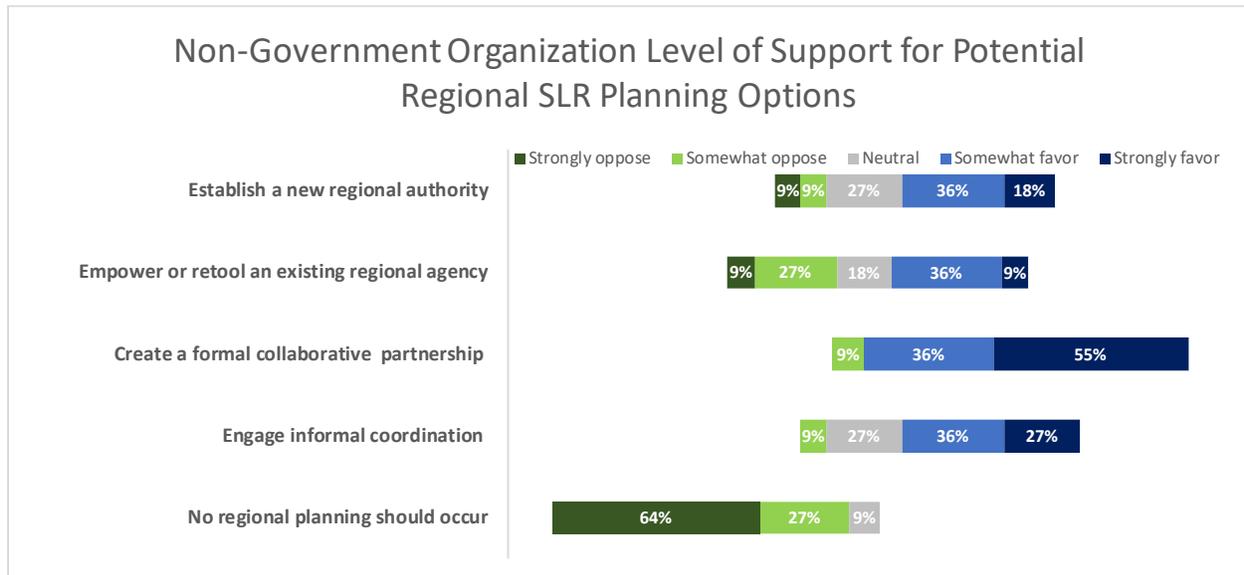


Figure 115. Non- Government Organization respondents' level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Reference Links

<https://www.humboldtbykeeper.org>

Humboldt County Farm Bureau

Humboldt County Farm Bureau is a member-based, grass roots non-profit organization and Humboldt County's largest general agricultural organization. The organization consists of a 5-member Board, an Executive Director and office manager, and a Board of Directors. They are dedicated to promoting and preserving agriculture and represent the interests of the dairy, timber, livestock, produce, oysters, wineries, and floral industry in Humboldt County. As a member of the larger California Farm Bureau Federation, their members are part of a support network both on and off the farm.

The stated purposes of the Humboldt County Farm Bureau are as follows:

- To work for the solution of the problems of the farm, the farm home and rural community, by use of the recognized advantages of organized action, to the end that those engaged in the various branches of agriculture may have opportunity of happiness and prosperity in their chosen work.
- To represent, protect and advance the social, economic and educational interests of the farmers of Humboldt County.

- To work in conjunction with the Cooperative Extension Service in the development of better methods and practices in farming and management; to work for the improvement of conditions surrounding rural life and for the cultivation of such sentiments and ideals as may promote the highest type of neighborliness and citizenship.
- To unite the farmers of the county in a farm organization for the promotion and protection of their common interest without regard to political or religious affiliation.
- To encourage and foster the development of commodity marketing and
- purchase of farm supplies on a cooperative nonprofit basis and the development of such other activities as will best serve the economic needs of our members.
- To cooperate with the American Farm Bureau Federation, the California Farm Bureau Federation and other county Farm Bureau members of the California Farm Bureau Federation for mutual assistance in the achievement of common aims and purposes.

A workshop on sea level rise and the Humboldt Bay Area Plan was sponsored by the Farm Bureau in August of 2018. The workshop included presentations and input from local ranchers, Humboldt County, HCRCD, and the Harbor District, and included a field trip to look at degraded agricultural dikes on McNulty Slough.

This organization was one of 22 partners in the Humboldt Working Group (APWG) which ended in 2015.

Reference Links

<https://www.humboldtcountyfarmbureau.com/>

Humboldt State University Sea Level Rise Initiative

Description

The Humboldt State University (HSU) (now Cal Poly Humboldt) Sea Level Rise Initiative is a subcommittee of the Humboldt Marine & Coastal Science Institute at HSU. The Initiative will provide regional leadership on sea level rise research and outreach by developing a home for interdisciplinary scholarship related to sea level rise; creating a depository of research, databases, and assessments; informing local, regional, and national decision making through collaborative frameworks; and providing a centralized program through which regional sea level rise science and planning efforts can be coordinated.

Relevant SLR Coastal Professionals Survey Findings

Results presented in this section for the SLR Coastal Professionals Survey 2021 do not necessarily represent an official view of the agency/organization or categories with which respondents identified, as explained in the introduction. Results presented below are intended only to provide general guidance in future planning and collaboration efforts. For more information on sampling methods and data collection,

refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 7 respondents that were representatives from the Academia/Research category though participation for individual questions varied. Participants included California Sea Grant Extension, Humboldt State University (now Cal Poly Humboldt), and San Francisco State University These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” to “lead”. The results for this category ranged from “participate” to “lead” with a 60% preference for participation as shown in the graph on the below.

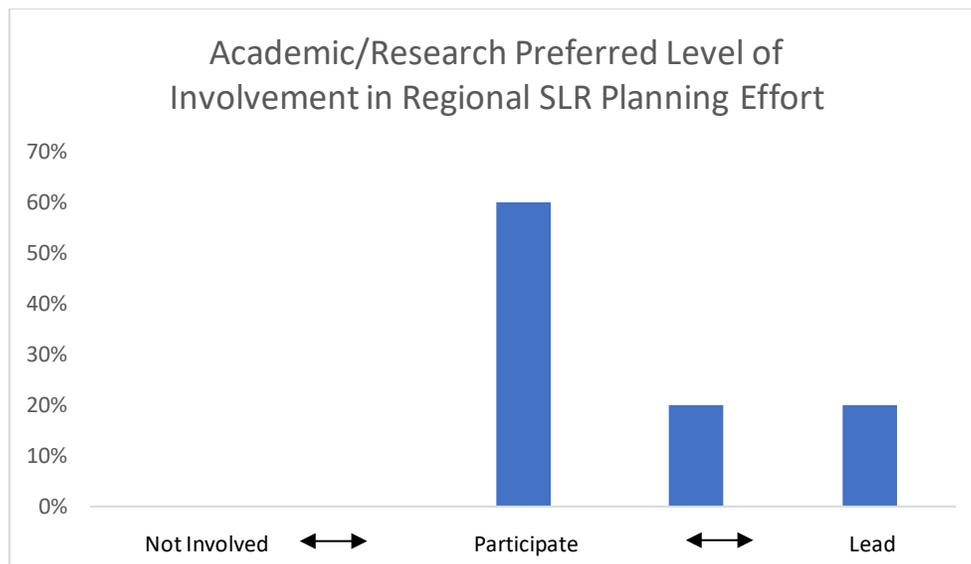


Figure 116. Academic/Research respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=5).

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Academia/Research category ranged from a mix of “Watershed/HU” and “Humboldt Bay” in scale to just a “Humboldt Bay” spatial scale with a 67% preference for a Humboldt Bay approach as shown in the graph on the next page.

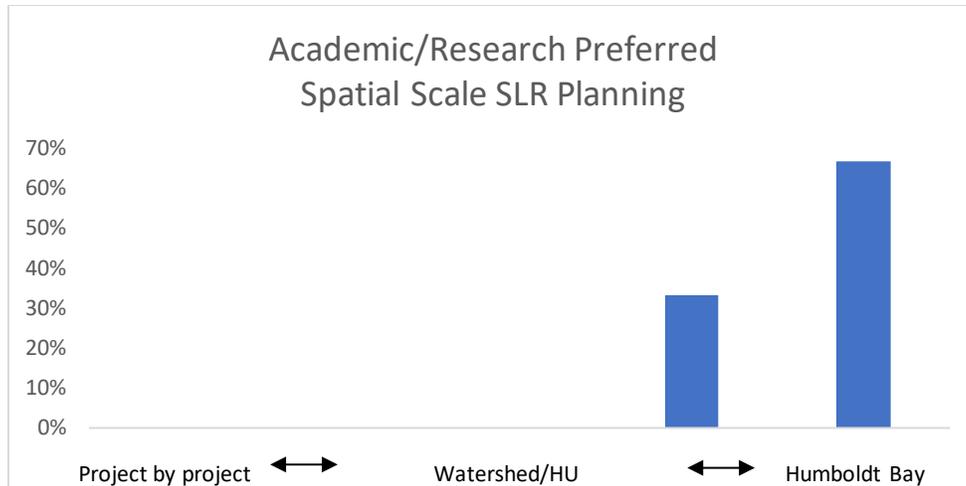


Figure 117. Academia/Research respondents’ preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=6)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from "strongly oppose" to "strongly favor". The results for the Academia/Research category favored creating a formal collaborative partnership with 83% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination and 100% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

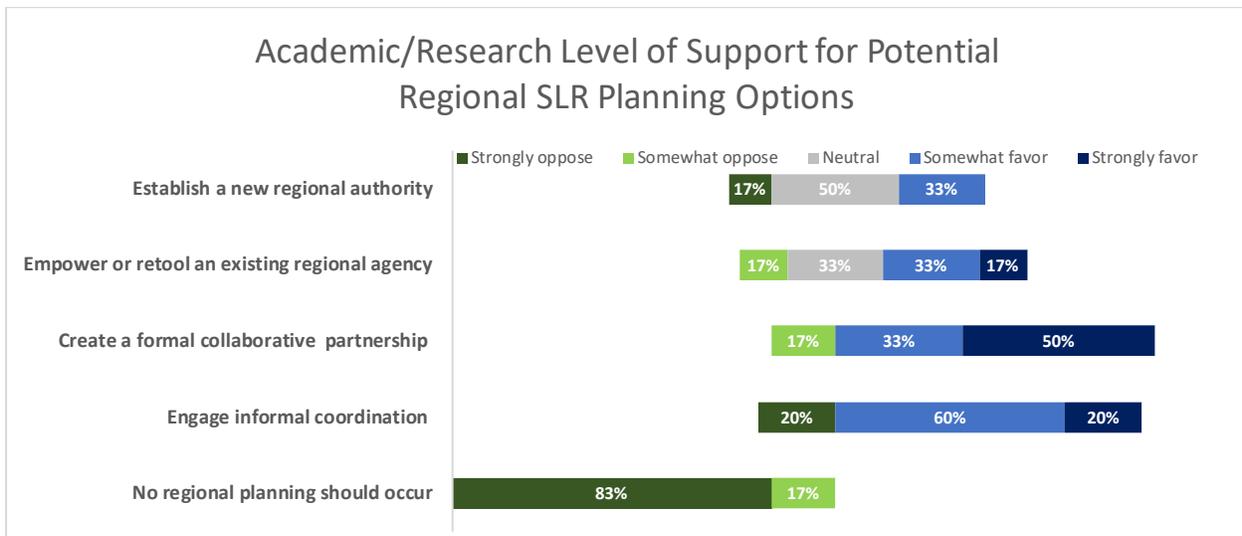


Figure 118. Academia/Research respondents’ level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n= 5-6)

Reference Links

<https://humboldtslri.org/>

Northcoast Environmental Center

Description

The stated mission of the Northcoast Environmental Center (NEC), a non-profit organization, is to promote understanding of the relations between people and the biosphere and to conserve, protect, and celebrate terrestrial, aquatic, and marine ecosystems of northern California and southern Oregon. NEC is a collaborative organization in that the Board of Directors is comprised of representatives of member groups as well as at-large members. Member groups represented on the Board include: California Native Plant Society, North Coast Chapter; Environmental Protection Information Center; Friends of the Eel River; Humboldt Baykeeper; North Group, Redwood Chapter of the Sierra Club; Redwood Region Audubon Society; and Safe Alternatives for our Forest Environment.

Reference Links

<https://www.yournec.org/>

Redwood Community Action Agency

Description

Redwood Community Action Agency (RCAA) is one of 52 Community Action Agencies in California and approximately 1,100 nationwide. It is a locally based private non-profit organization working to provide a wide range of services to low- and moderate-income residents of Humboldt County. RCAA's long-term goal is to develop programs through which people can become self-sufficient and empowered to improve their own lives. RCAA has divisions focused on Property Management, Energy Services, Natural Resources Services, Youth Services, and Community Services.

Relevant SLR Coastal Professionals Survey Findings

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During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from

“not involved” to “participate” and “lead”. The results for the Non-Government Organization category ranged from a mix of “not involved” and “participate” to just “participate”. A vast majority (82%) preferred participation as shown in the graph below.

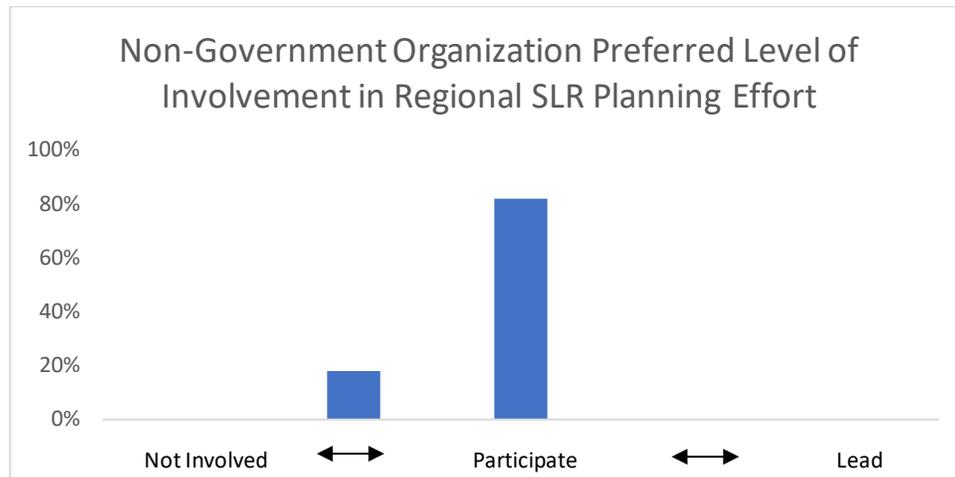


Figure 119. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from a Watershed/HU to a Humboldt Bay spatial scale with a 55% preference for a Humboldt Bay approach as shown in the graph below.

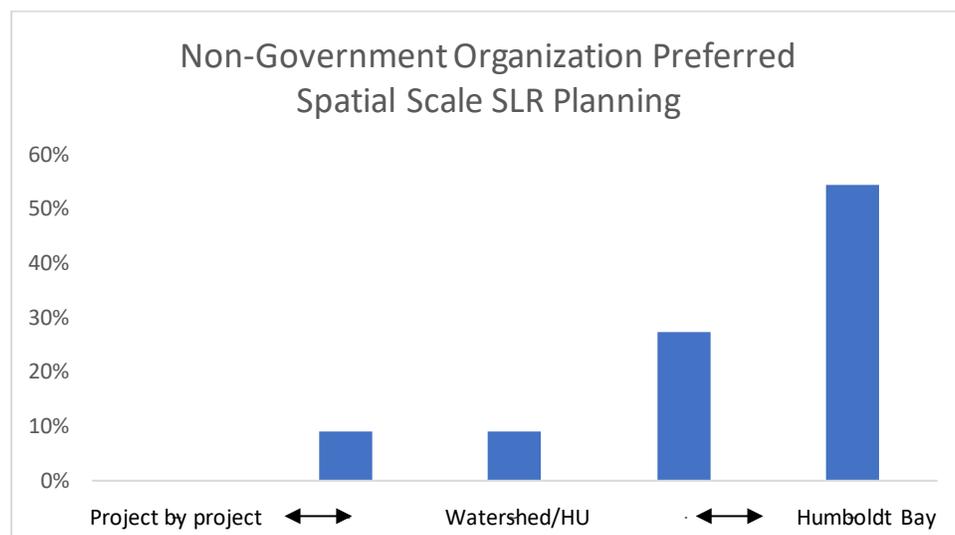


Figure 120. Non-Government Organization respondents' preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from “strongly oppose” to “strongly favor”. The results for the Non-Government Organization

category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

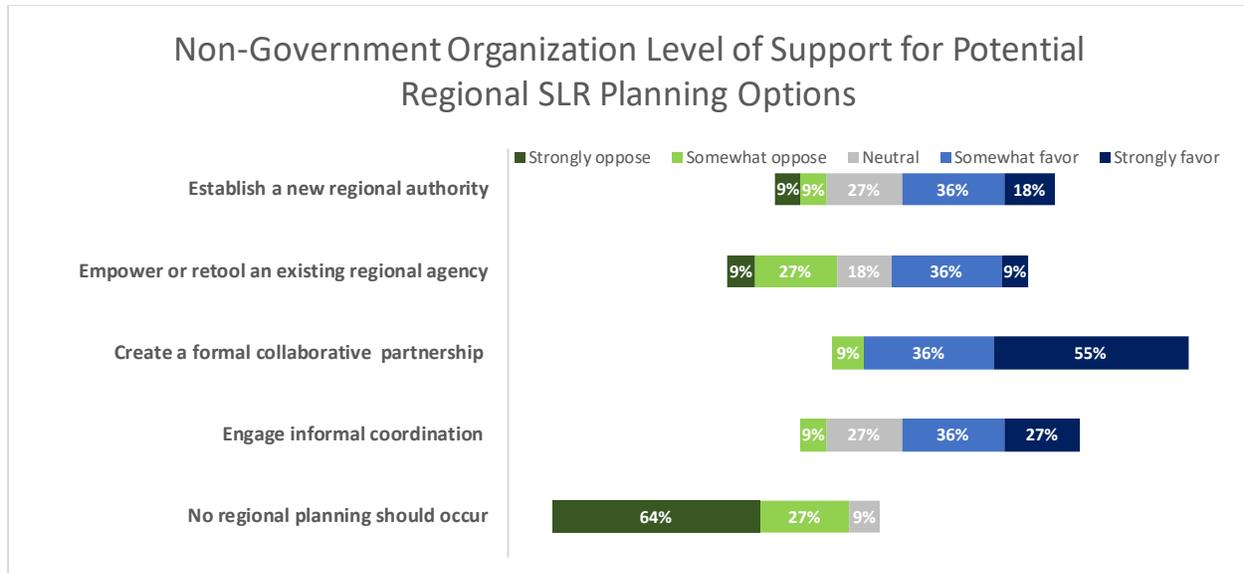


Figure 121. Non-Government Organization respondents' level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Reference Links

<https://rcaa.org/>

Redwood Region Audubon

Description

The Redwood Region Audubon Society (RRAS) is a local chapter of the National Audubon Society and encompasses Humboldt, Del Norte, and western Trinity Counties. This volunteer nonprofit organization has roughly 500 members that support local conservation efforts and advocate for protection of birds and other wildlife.

Relevant SLR Coastal Professionals Survey Findings

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refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” and “lead”. The results for the Non-Government Organization category ranged from a mix of “not involved” and “participate” to just “participate”. A vast majority (82%) preferred participation as shown in the graph below.

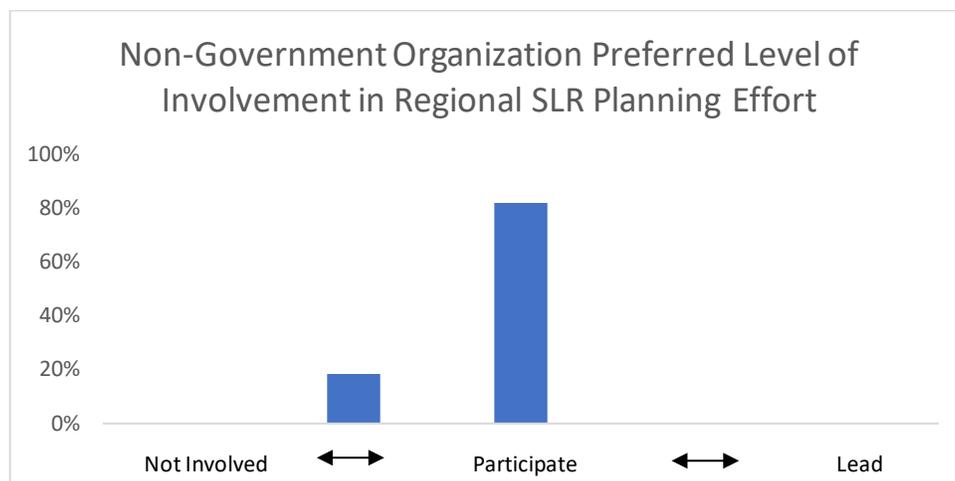


Figure 122. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from a Watershed/HU to a Humboldt Bay spatial scale with a 55% preference for a Humboldt Bay approach as shown in the graph on the next page.

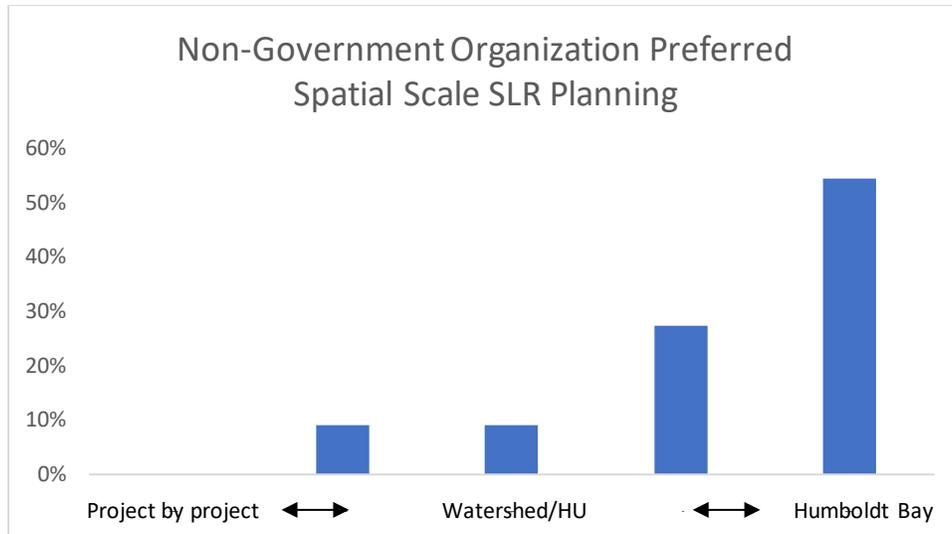


Figure 123. Non-Government Organization respondents’ preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from "strongly oppose" to "strongly favor". The results Non-Government Organization category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

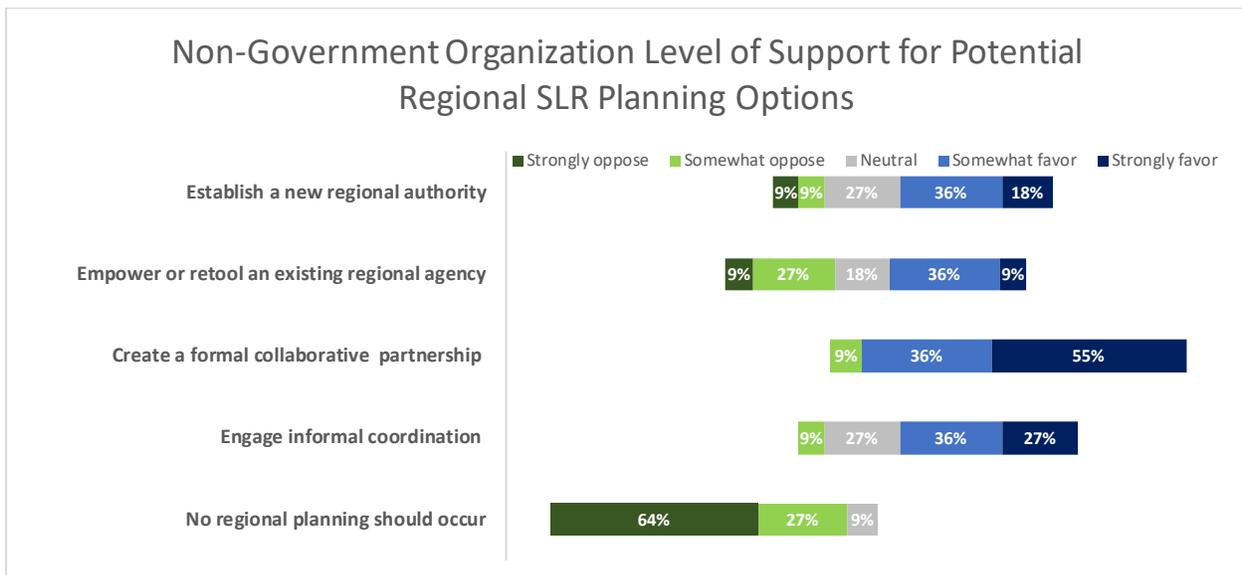


Figure 124. Non-Government Organization respondents’ level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Reference Links

<http://www.rras.org/home.aspx>

Surfrider Foundation - Humboldt Chapter

Description

The Surfrider Foundation is a nonprofit organization whose stated mission is the protection and enjoyment of the world's ocean, waves and beaches through a powerful activist network. The Humboldt Chapter of Surfrider has programs including Ocean Friendly Gardens (incorporating stormwater into the landscape); Rise Above Plastics (to reduce impacts of plastics in the marine environment); Samoa Trash Bash (keeping Samoa beach clean); and involvement in the Marine Protected Areas (established in 2012).

Relevant SLR Coastal Professionals Survey Findings

Results presented in this section for the SLR Coastal Professionals Survey 2021 do not necessarily represent an official view of the agency/organization or categories with which respondents identified, as explained in the introduction. Results presented below are intended only to provide general guidance in future planning and collaboration efforts. For more information on sampling methods and data collection, refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from "not involved" to "participate" and "lead". The results for the Non-Government Organization category ranged from a mix of "not involved" and "participate" to just "participate". A vast majority (82%) preferred participation as shown in the graph on the next page.

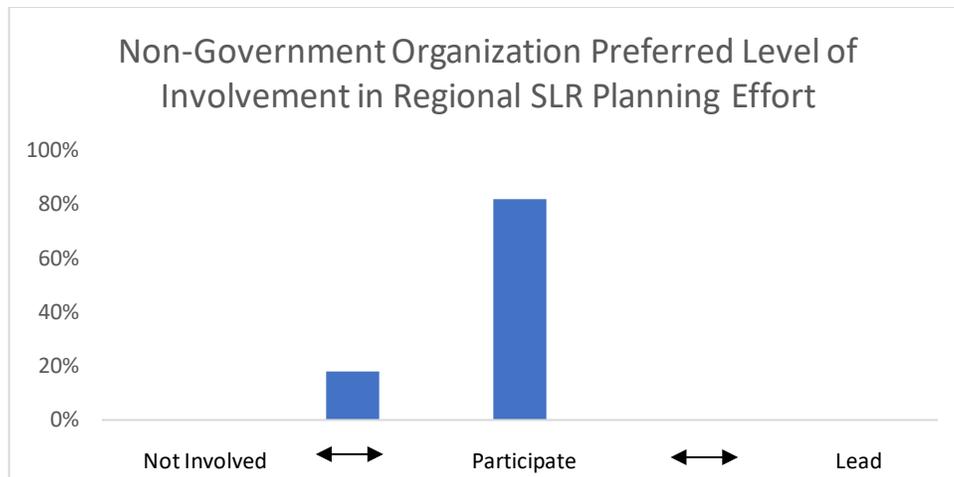


Figure 125. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from Watershed/HU to Humboldt Bay in scale with an 55% preference for a Humboldt Bay approach as shown in the graph below.

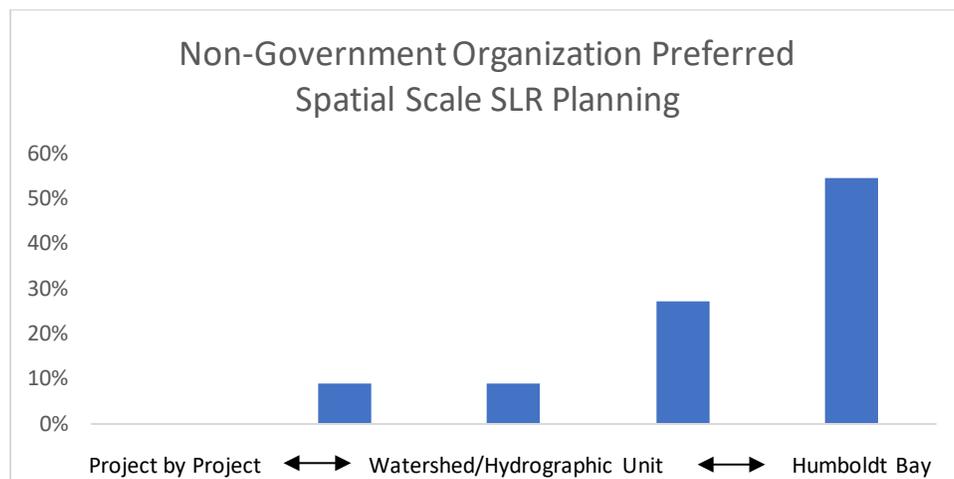


Figure 126. Non-Government Organization respondents' preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from “strongly oppose” to “strongly favor”. The results Non-Government Organization category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination

and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

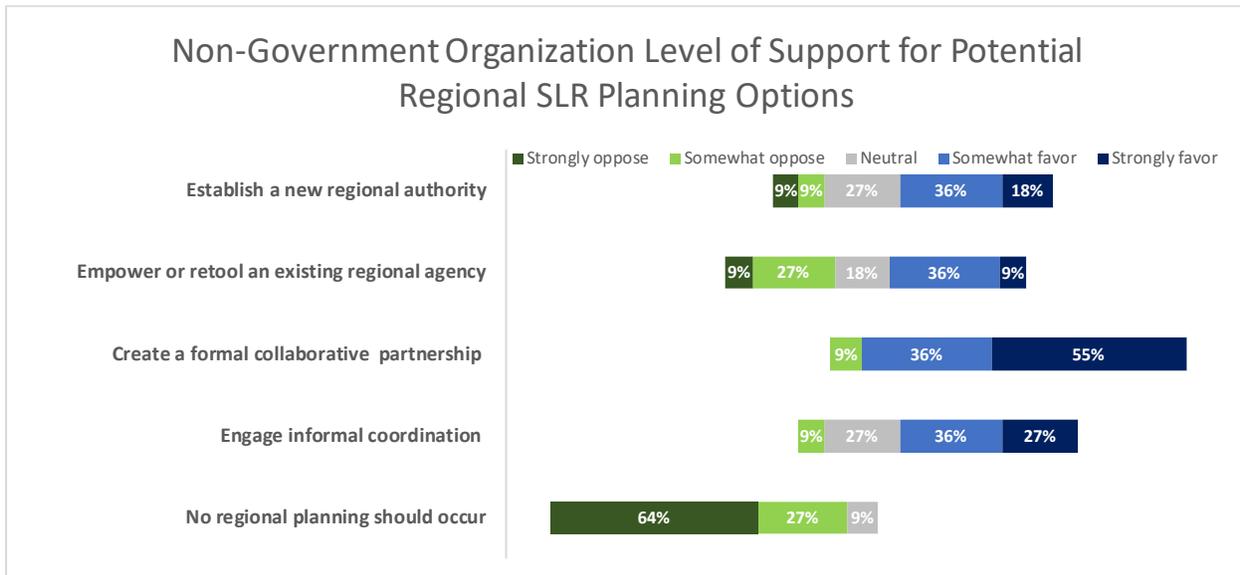


Figure 127. Non- Government Organization respondents' level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Reference Links

<https://humboldt.surfrider.org/>

Timber Heritage Association

The Timber Heritage Association is a volunteer-based group interested in preserving timber industry history, and dedicated to generating awareness and appreciation for the historical impact of timber, logging, and railroads on the settlement and development of Humboldt County. They aim to create the Timber Heritage Museum as well as develop a Humboldt Bay Excursion Train. The joint benefit of these projects is to create a tourist draw to the region, and to provide an educational facility and source of pride for the community. THA offers crew speeder car rides in various Humboldt County locations, including rides in the Humboldt Bay area in Samoa/Manila and in Eureka. The THA has expressed concerns about removal of rails to allow for a trail between Samoa and Scotia, and supports trails with rails, thereby preserving rails for future use.

Relevant SLR Coastal Professionals Survey Findings

Results presented in this section for the SLR Coastal Professionals Survey 2021 do not necessarily represent an official view of the agency/organization or categories with which respondents identified, as explained in the introduction. Results presented below are intended only to provide general guidance in

future planning and collaboration efforts. For more information on sampling methods and data collection, refer to the section on Community Input within the Introduction on page 2 and Appendix ii - SLR Regional Coordination: Coastal Professional Survey Results within the Appendices beginning on page 229.

During the SLR Coastal Professionals Survey 2021, there was a total of 12 respondents for the Non-Government Organization category though participation for individual questions varied. Participants included the Coalition for Responsible Transportation Priorities, Friends of the Arcata Marsh, Friends of the Dunes, Friends of Elk River, Humboldt Baykeeper, Redwood Community Action Agency, Redwood Region Audubon, Surfrider Foundation, and Timber Heritage Association. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” and “lead”. The results for the Non-Government Organization category ranged from a mix of “not involved” and “participate” to just “participate”. A vast majority (82%) preferred participation as shown in the graph below.

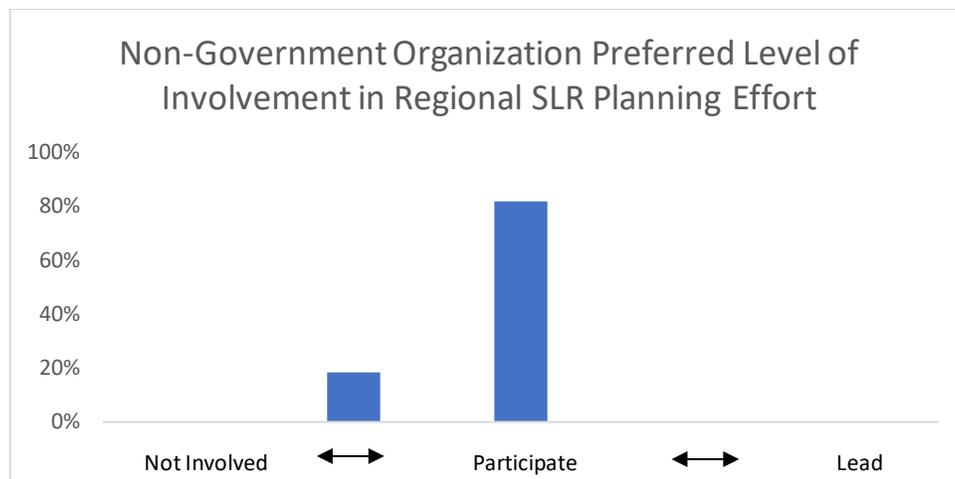


Figure 128. Non-Government Organization respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=11)

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Non-Government Organization category ranged from a Watershed/HU to a Humboldt Bay spatial scale with a 55% preference for a Humboldt Bay approach as shown in the graph on the next page.

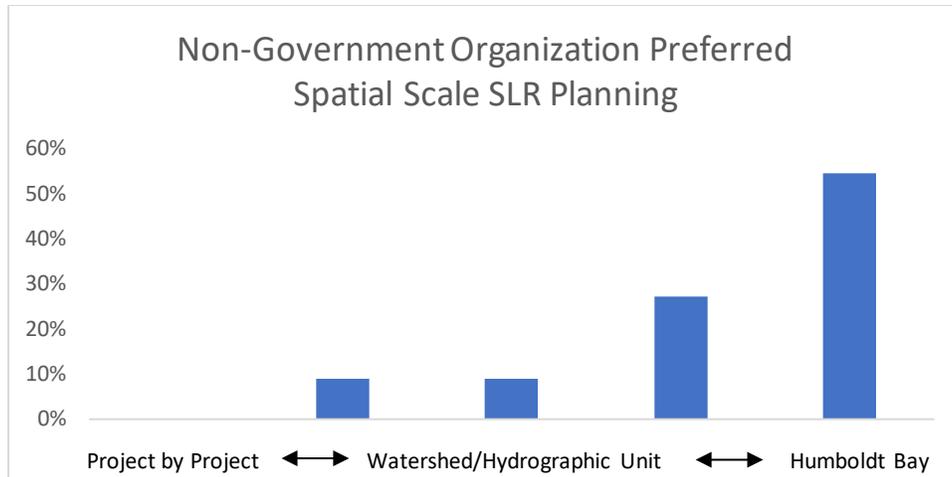


Figure 129. Non-Government Organization respondents’ preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=11)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from "strongly oppose" to "strongly favor". The results for the Non-Government Organization category favored creating a formal collaborative partnership with 91% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination and 91% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

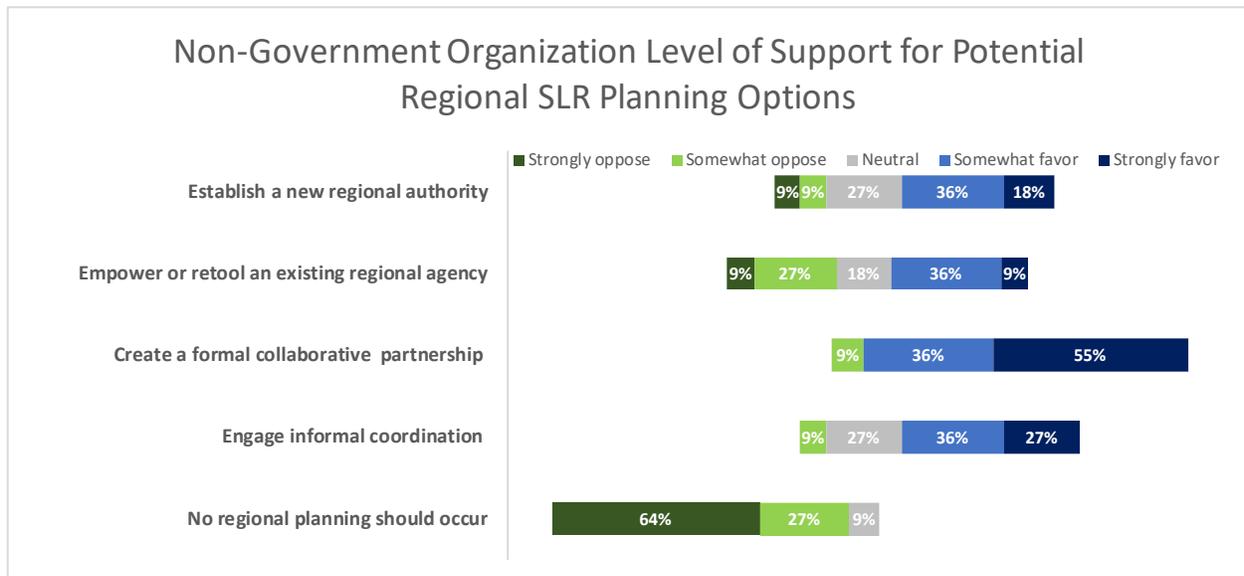


Figure 130. Non-Government Organization respondents’ level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n=11)

Reference Links

<https://timberheritage.org/>

University of California Cooperative Extension - Humboldt

The University of California Cooperative Extension (UCCE) is a program dedicated to improving the quality of life for Californians by developing and delivering research-based information in agriculture and natural resources, and by supporting healthy families and communities. Humboldt County was home to the first UC Cooperative Extension program, established in 1913. This innovative partnership between federal, state, and county entities started out as programs to serve farmers and rural families throughout the country and now have expanded to include the following community programs, with Agriculture and Livestock being the most germane when considering the potential SLR impacts to agricultural land.

- 4-H
- Agriculture
- Fire
- Forestry & Forest Health
- Livestock
- Master Food Preserver
- Master Gardener Program
- Nutrition

Reference Links

<http://cehumboldt.ucdavis.edu/>

<https://humboldt.gov/614/UC-Cooperative-Extension>

<https://us3.campaign-archive.com/home/?u=ec84b345fa9c9d123c30fa9dd&id=fe76dc6a68>

<https://calfish.ucdavis.edu/News/?routeName=newsstory&postnum=10546>

<https://escholarship.org/content/qt6qm2x1zt/qt6qm2x1zt.pdf?t=n3pm18>

University of California Sea Grant Extension - Humboldt Bay Initiative

Description

California Sea Grant is a collaboration of the National Oceanic and Atmospheric Administration (NOAA), the State of California and universities across the state to create knowledge, products and services that benefit the economy, the environment, and the citizens of California. These services are offered for coastal and marine science and policy issues.

The Humboldt Bay Initiative. (HBI), coordinated by the Coastal Ecosystems Institute of Northern California, brings together resource managers, scientists, and community members to address management issues that cross disciplines and to link science and management for the Humboldt Bay ecosystem. HBI facilitates ongoing coordination and collaboration among local agencies, resource managers and local constituencies and develops, integrates, and disseminates key ecosystem information.

HBI completed its formal strategic planning process in 2009 and identified the following six priority EBM strategies in order to address priority threats to the local ecosystem and communities including climate change, invasive species, and human activities:

- Establish the Humboldt Bay Initiative
- Coordinated Response to Climate and Coastal Change
- Coordinated Response to Invasive Species
- Study and Control of Sediment Sources
- Promote Sustainable Development
- Support Integrated Forest Management

Relevant SLR Coastal Professionals Survey Findings

During the SLR Coastal Professionals Survey 2021, there was a total of 7 respondents that were representatives from the Academia/Research category though participation for individual questions varied. Participants included California Sea Grant Extension, Humboldt State University (now Cal Poly Humboldt), and San Francisco State University. These Coastal Professionals were asked a variety of questions including what the preferred level of involvement in SLR planning was for the entity they represented. Respondents were given a sliding scale to rate their role ranging from “not involved” to “participate” to “lead”. The results for this category ranged from “participate” to “lead” with a 60% preference for participation as shown in the graph on the below.

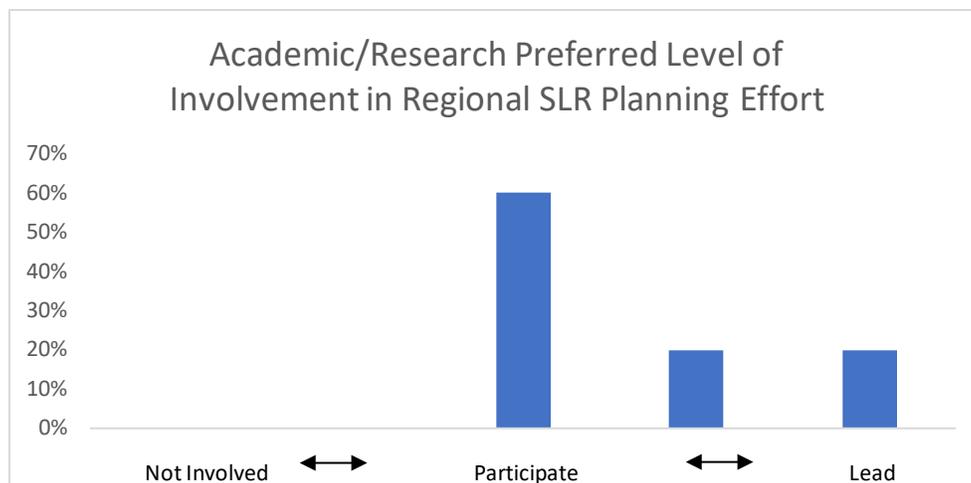


Figure 131. Academic/Research respondents' preferred level of involvement in SLR planning effort from the SLR Coastal Professionals Survey 2021 (n=5).

These Coastal Professionals were also asked about their preferred spatial scale for SLR planning. Respondents were given a sliding scale ranging from planning on a “project by project” basis to planning

on a larger scale of “Watershed/HU” and “Humboldt Bay”. The results for the Academia/Research category ranged from a mix of “Watershed/HU” and “Humboldt Bay” in scale to just a “Humboldt Bay” spatial scale with a 67% preference for a Humboldt Bay approach as shown in the graph below.

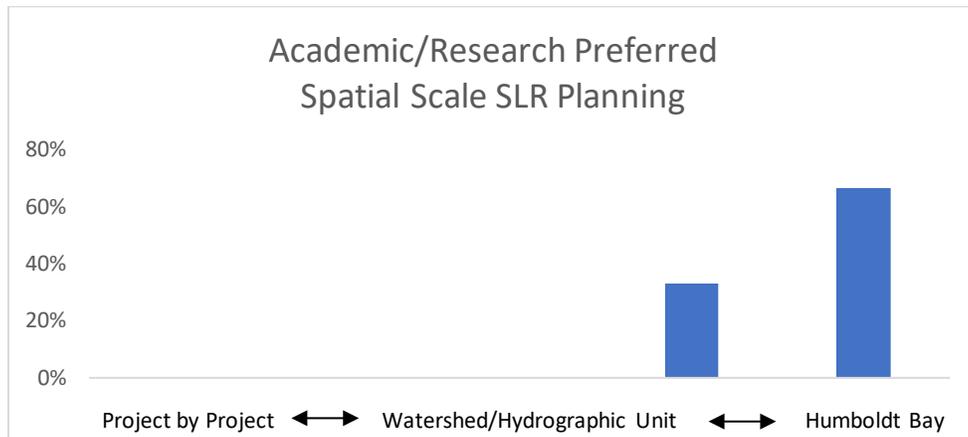


Figure 132. Academia/Research respondents’ preferred spatial scale to focus regional SLR coordination efforts in the SLR Coastal Professionals Survey 2021 (n=6)

To better understand the preferred style of future regional SLR coordination, Coastal Professionals were asked their level of support for several potential regional SLR planning options on a five-point Likert scale ranging from “strongly oppose” to “strongly favor”. The results for the Academia/Research category favored creating a formal collaborative partnership with 83% of respondents rating this option somewhat favorable or higher. Overall, this category favored having some form of regional planning coordination and 100% of respondents answered they somewhat or strongly oppose having no regional planning as shown in the graph below.

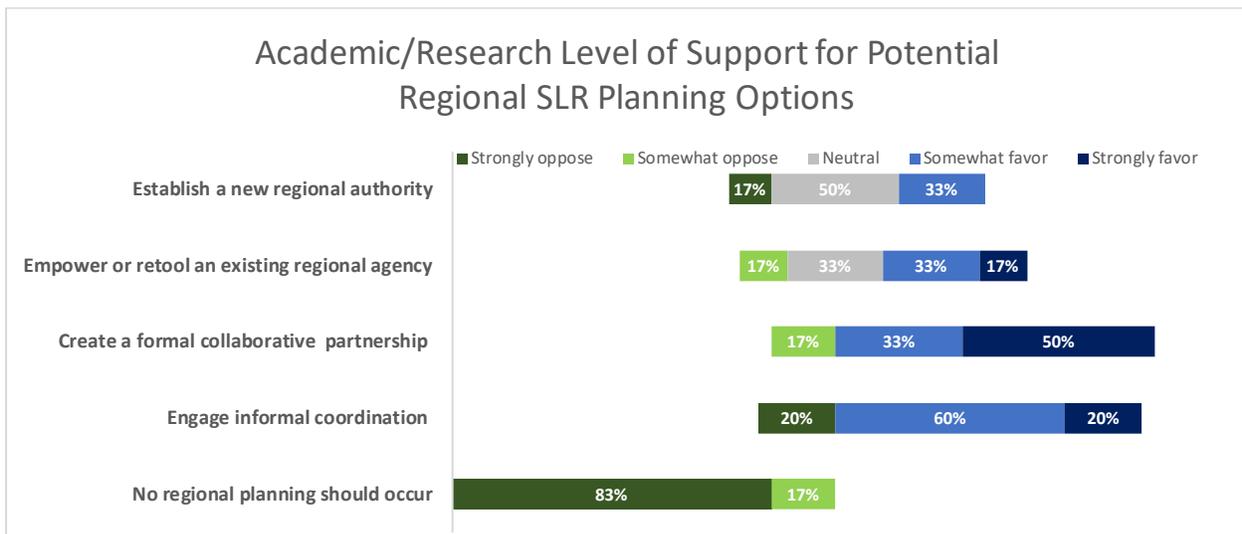


Figure 133. Academia/Research respondents’ level of support or opposition for various strategies for regional coordination of SLR planning from the SLR Coastal Professionals Survey 2021 (n= 5-6)

Reference Links

<https://caseagrant.ucsd.edu/about-us>

<https://caseagrant.ucsd.edu/project/humboldt-bay-ebm/humboldt-bay-initiative>

<http://www.coastalecosystemsinstitute.org/about-hbi/>