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Discussion of 2020 – 2025 Strategic Plan to Protect California's Coast and Ocean

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December 13, 2019

Goal 1 - SAFEGUARD COASTAL AND MARINE ECOSYSTEMS AND COMMUNITIES IN THE FACE OF CLIMATE CHANGE



Photo credit: NOAA SWFC



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Goal 1 Draft Targets – Sea Level Rise - examples

- Ensure California coast is resilient to 3.5 foot sea level rise by 2050
- Develop a site specific infrastructure resiliency plan focused on state roads, wastewater treatment plants, water supply facilities, ports and power plants by 2023
- Inventory, characterize and prioritize remediation for toxic sites vulnerable to SLR by 2022.
- Building on existing planning efforts, ensure all coastal counties develop coastal resilience action plan or element by 2023.
- 10,000 new acres of coastal wetlands will be protected, restored or created by 2025. California coastal wetland acreage will increase by 20% by 2030 and 50% by 2040.

Goal 1 – Draft Targets – Ocean Acidification and Hypoxia

- Complete scientific analysis of the relationship between nutrient inputs and ocean acidification and hypoxia hotspots by 2022
- As appropriate, adopt OAH water quality objectives for sewage treatment plants, rivers and stormdrains by 2025.
- For water supply augmentation, and microplastic and OAH reduction, establish a target date by 2022 for greatly reducing coastal sewage treatment plant discharges.
- Ensure implementation of California's Ocean Acidification Action Plan.

Goal 2 - ADVANCE EQUITY ACROSS OCEAN AND COASTAL POLICIES AND ACTIONS



Goal 2 Draft Targets - examples

- Develop and begin implementing strategies for effectively engaging and partnering with underserved communities and California's Tribes and tribal governments by 2021.
- Ensure development and adoption of an Equity Plan that includes affordable access to the coast and engagement in coastal/marine policymaking by 2021.
- Develop and begin implementing strategies for effectively engaging and partnering with underserved communities by 2021.
- Work with partners to develop a "Coastal Access for All" Plan by 2025.
- Through public education and management, eliminate involuntary human health risk of consuming contaminated locally caught seafood by 2025.
- All California beaches receive straight "A"s on the Beach Report Card (fecal indicator bacteria) by 2025.

Goal 3 - ENHANCE COASTAL AND MARINE ECOSYSTEMS



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Goal 3 – Draft Targets - examples

- Complete ten-year assessment of MPA performance. Develop monitoring and management recommendations by 2022. Also, assess climate resilience of MPA network.
- Develop an action plan for reducing rocky intertidal and beach habitat loss by 2023.
- Preserve existing 15,000 acres of eelgrass beds in California. Add an additional 1,000 acres by 2025.
- Develop statewide kelp forest resilience and management plan by 2022.
- Develop rapid response capabilities to unanticipated biodiversity/fisheries emergencies by 2023
- Develop a statewide whale and sea turtle protection plan by 2022 with a Vision Zero target of zero mortality.
- Approve and begin implementing whale and sea turtle entanglement prevention strategy by 2020.

Goal 3 – Draft Targets - examples

- Work with SWRCB to strengthen water quality protections in MPAs by 2023.
- Meet zero trash target for pertinent state waters by 2030 consistent with the SWRCB target.
- Develop microplastics strategy by 2021. Begin implementation in 2022.
- Support modernization of Harmful Algal Bloom network to provide real time data by 2022 and predictions by 2024.
- Develop recommendation to create a statewide early detection and rapid response program to eradicate or control invasive species by 2023.
- Develop a California-specific early detection and response system for marine organism diseases by 2023.

Goal 4 - IMPROVE OCEAN HEALTH THROUGH A BLUE ECONOMY



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Goal 4 – Draft Targets

- Develop a statewide sustainable seafood program that includes traceability, improving local markets, impacts on biodiversity, reducing bycatch, and health risks posed by contamination by 2025.
- Implement pilot projects to increase fishing communities' resiliency and adaptation to climate impacts by 2025.
- Develop a statewide aquaculture action plan focused on marine algae, shellfish and land-based/recirculating tank operations for finfish that minimizes impacts to habitat, biodiversity and wild fisheries by 2023.

Goal 4 – Draft Targets

- Ensure development of a commercial-scale offshore wind project that minimizes impacts on marine biodiversity, fishing, cultural resources and military operations by 2026.
- With partners, fully or partially remove and decommission at least one offshore oil platform by 2030.
- Work to identify air pollution sources that contribute to GHG hot spots in and around ports by 2021 and by 2023 determine date for California's ports to be decarbonized.



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Next Steps:

**Public comment period open through
December 13, 2019**

**Council Consideration and Final Approval
in February 2020**