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

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



Photo credit: NOAA SWFC

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



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.



Photo credit: Dana Murray



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Next Steps:

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

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