

# MAKING LIVING SHORELINES EQUITABLE

*Delivering science guidance to ensure nature-based coastal adaptation in California benefits everyone*

## TIMELINE

Launching Spring 2021 with results expected in the second quarter of 2022.

## PROJECT TEAM

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## FUNDING

Support for this project is generously provided by the Honda Marine Science Foundation.

## LEARN MORE

- [OST project page](#)
- [OST story: “New Project Launch: Making Living Shorelines Equitable”](#)
- [“Equity and California’s Coastal Communities \(2021\)”](#)

## ABOUT THE PROJECT

Living shorelines are “green infrastructure” used for coastal adaptation and deployed along estuarine coasts, bays, sheltered coastlines, and tributaries to reduce erosion while providing habitat and a range of other resilience benefits (NOAA 2015). Living shorelines include oyster reefs, eelgrass beds, dune ecosystems, beaches, marshes, and more. In the right conditions, nature-based adaptation like this can provide many benefits to both nature and people, such as protection from storm surges or improving water quality.

However, low income communities and communities of color, despite being on the frontlines of climate change impacts, often have limited access to the benefits provided by nature-based adaptation such as open space, erosion control, improved water quality, and other ecosystem services. Through a series of convenings, we will bring together experts from social and natural sciences, environmental justice and community-based nonprofits, restoration practitioners and more to co-develop evidence-based science guidance for funders and permittees that can lead to more equitable outcomes from living shorelines projects in California and beyond.

