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Santa Monica Beach Restoration Pilot Project

Returning three acres of healthy and thriving beach habitat.

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Santa Monica Beach Restoration Overview

The Bay Foundation (TBF) restored approximately three acres of plants adapted to live on the beach very close to the shoreline for the Santa Monica Beach Restoration Pilot Project. Living on the ocean's edge, this community of plants attracted insects and birds, and adapted to the harsh conditions of beach life, including salt spray, wind, and intense sunlight.

As the plants of the coastal strand habitat grow, they capture windblown sand beneath their branches and leaves. Over time, they build sand dunes that prevent waves and extreme tides from flooding the beach and nearby infrastructure. By reestablishing this habitat, TBF and its partners are able to affordably create beaches that are naturally resistant to sea level rise, while creating refuge for endangered species and adding natural beauty to our beaches.

Scientific monitoring of this pilot project is being used to inform other projects in development by TBF across the Los Angeles County coast. Sea level rise and more frequently large-wave events are a result of global climate change impacting our coast. These projects, taken together, are the start of a

significant effort to locally adapt to climate change. The beaches of Los Angeles are iconographic. This effort uniquely preserves our beaches and gives them the capacity to protect us from climate change.

Project Highlights

[View Map](#)

Additional Benefits:

This project brings these benefits with low-to-no impact on e

- Enhancing a developed coastline
- Familiarizing residents, especially children, with a healthy, natural landscape
- Promoting tourism based on environmental aesthetics and bird watching opportunities
- Educational opportunities including natural history and healthy beach management
- Understanding a 'softscape' climate change adaptation project



Additional Benefits →



Restoration Results →

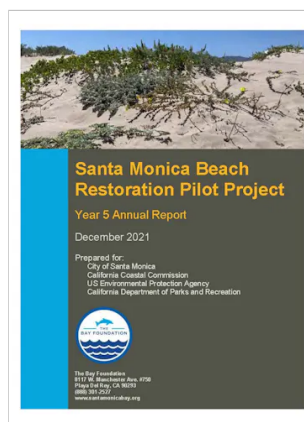


Ongoing Maintenance

Resources

Partners

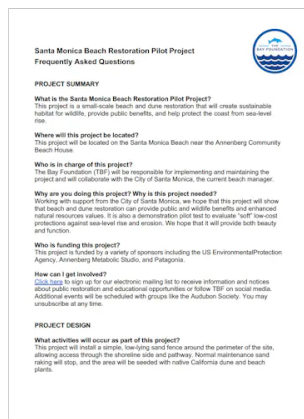
Related Links



Santa Monica Beach Restoration Pilot Project - Year 5 Report



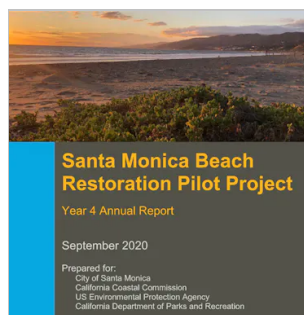
January 4, 2022



Santa Monica Beach Restoration Pilot Project FAQs



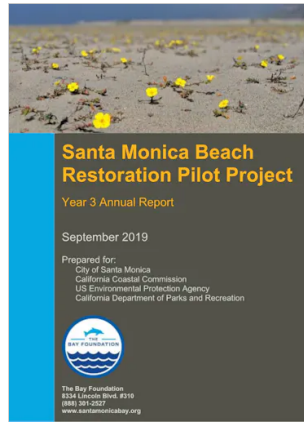
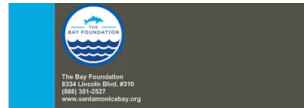
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Santa Monica Beach Restoration Pilot Project - Year 4 Report



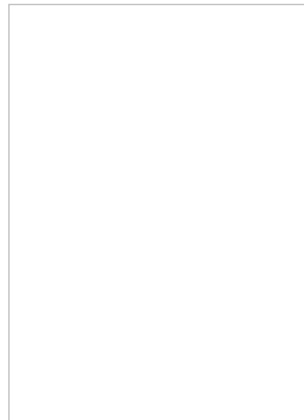
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Santa Monica Beach Restoration Pilot Project - Year 3 Report



October 1, 2019



Santa Monica Beach Restoration Pilot Project - Year 2 Report

October 1, 2018

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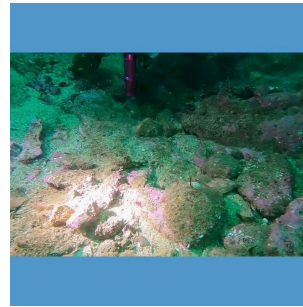
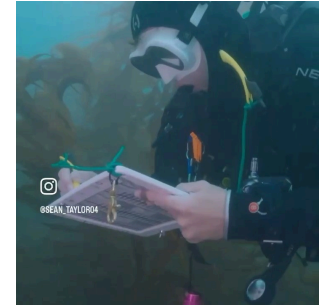
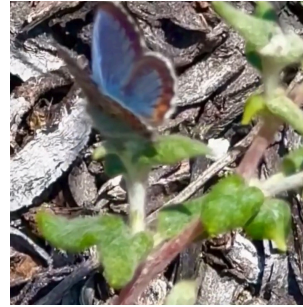
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Upcoming Event

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