

**Adapting Marshes and Transportation
Corridors to Sea Level Rise**

in

Elkhorn Slough

to

Improve Public Safety and Tidal Habitat

Roads and railroad at risk in Elkhorn Slough area

Carreteras en riesgo en Elkhorn Slough





FLOODED

MONTEREY COUNTY

DETOUR

MONTEREY COUNTY

ROAD
CLOSED



Why is it important to have healthy marshes?

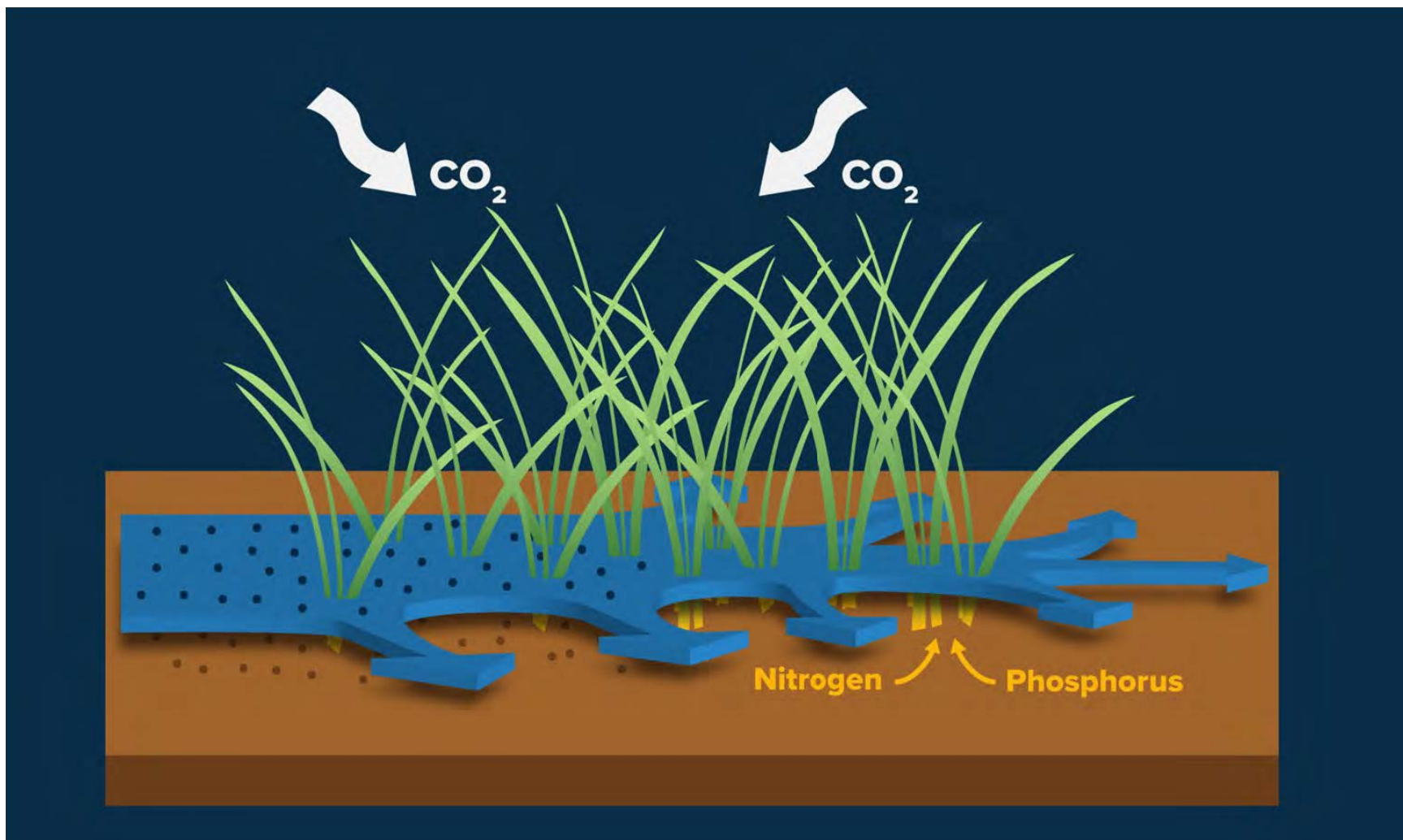
Por qué es importante tener marismas saludables

Recreation / *Recreación*



Cleans the water and air

Filtra el agua y el aire



Provides food and shelter to wildlife

Proporciona alimento y refugio a la vida silvestre



Rare habitat / *Rara vez vive*

So much marsh has already been lost
Ya se ha perdido mucho pantano



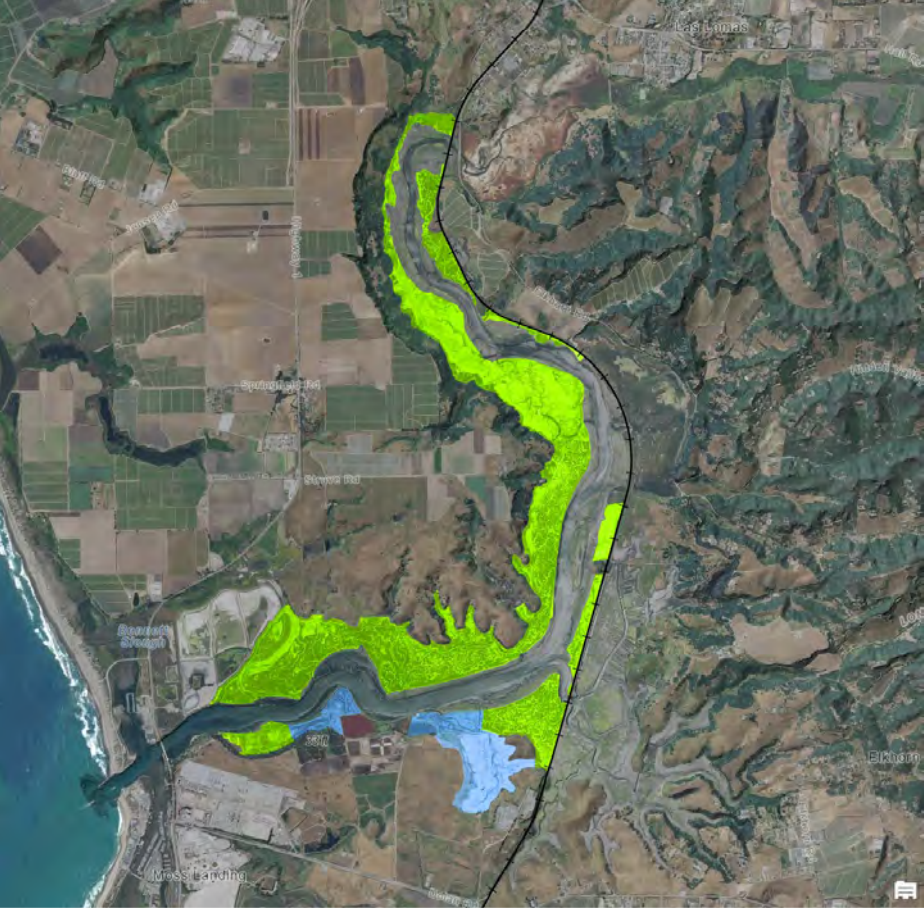
What about the marsh plants?

¿Qué pasa con las plantas de los pantanos?

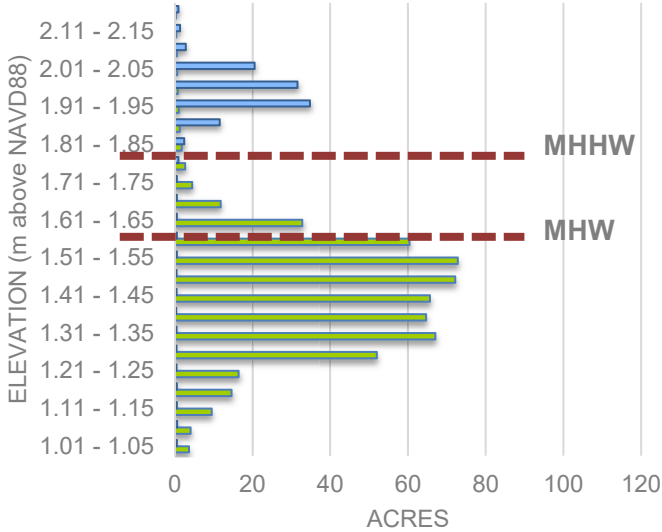
- Marsh plants grow in a narrow elevation band
- If sea level rises too quickly the marshes will drown



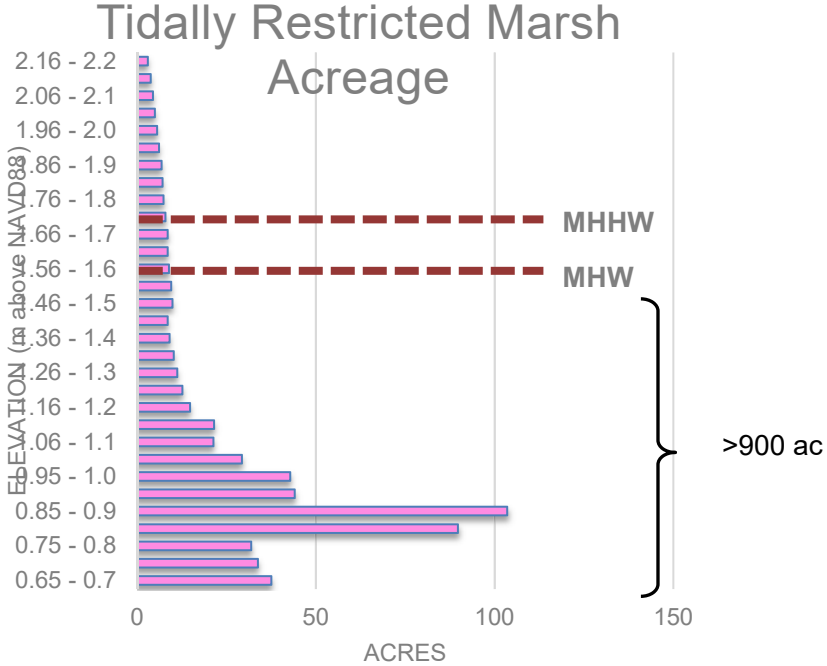
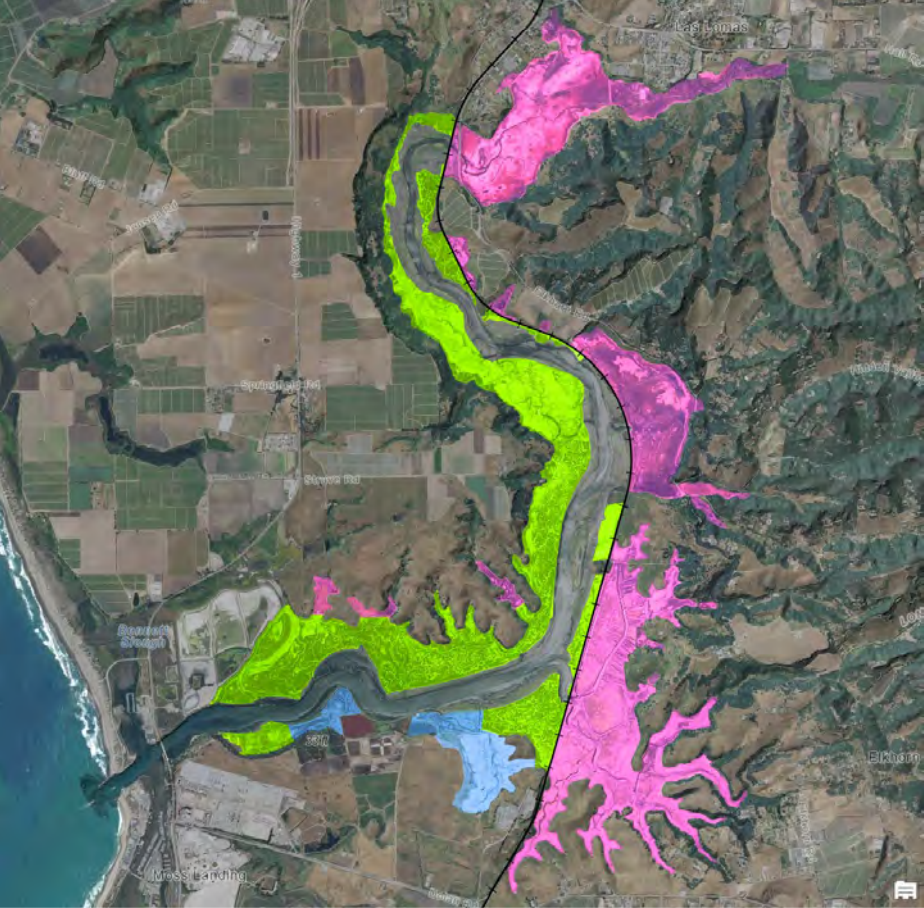
Preparing for the future...

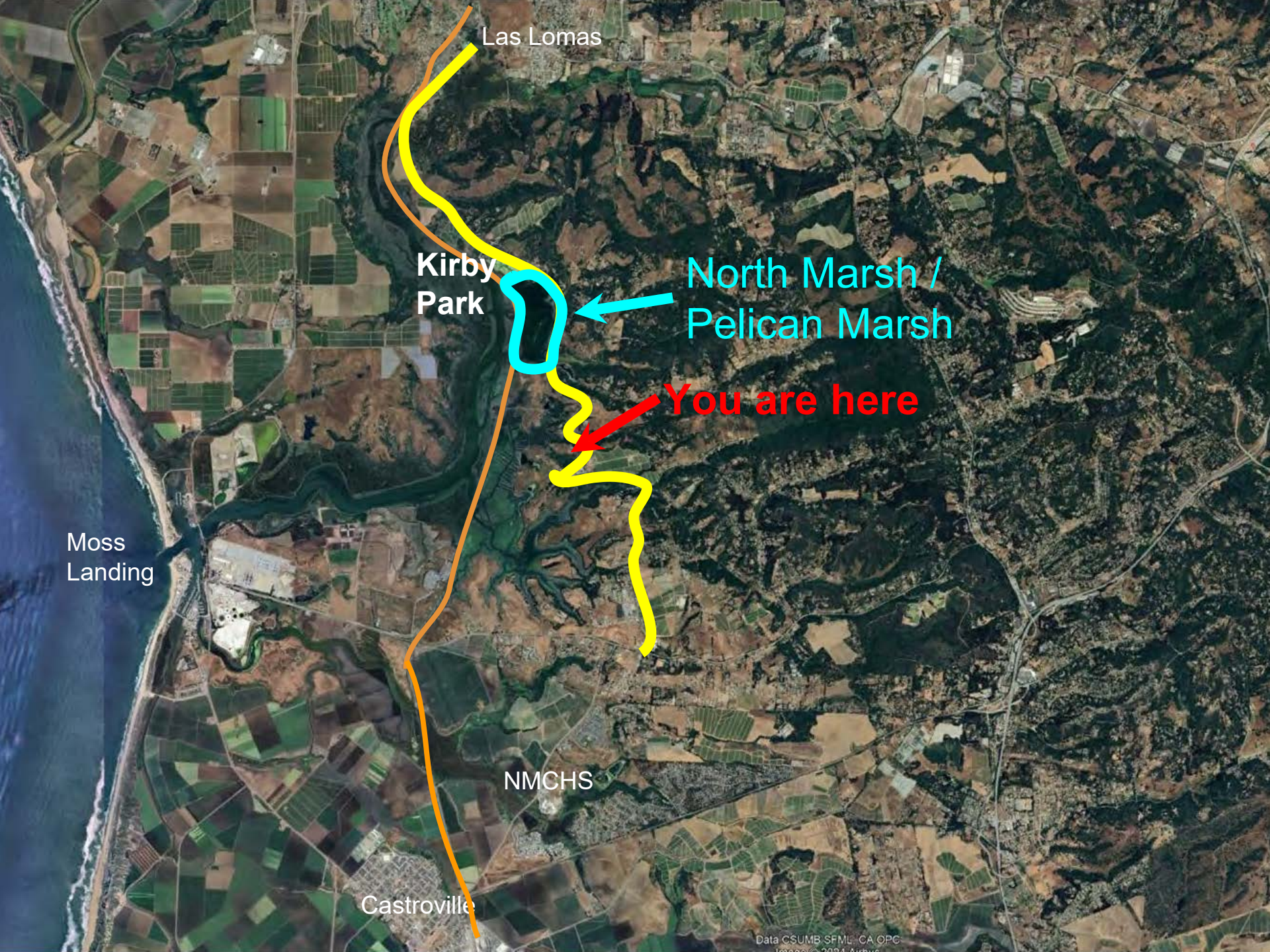


Pre- & Post-Restoration Marsh Acreage



Preparing for the future...





Las Lomas

Kirby
Park

North Marsh /
Pelican Marsh

You are here

Moss
Landing

NMCHS

Castroville

1931



Image Elkhorn Slough Foundation

2023

Kirby Park



Kirby Nature Trail and Living Shoreline



An aerial photograph showing a landscape with a river, marshes, and agricultural fields. The river flows from the top left towards the bottom center. To the right of the river, there are several large, irregularly shaped fields, some of which appear to be under construction or recently cleared. The surrounding area is a mix of green vegetation and brownish soil. The text is overlaid on the image.

We can do better

Nosotras podemos hacerlo mejor

- **Protect the railroad / *proteger el ferrocarril***
- **Protect the road / *proteger el camino***
- **Restore the marsh / *restaurar el pantano***





Kirby Nature Trail and Living Shoreline



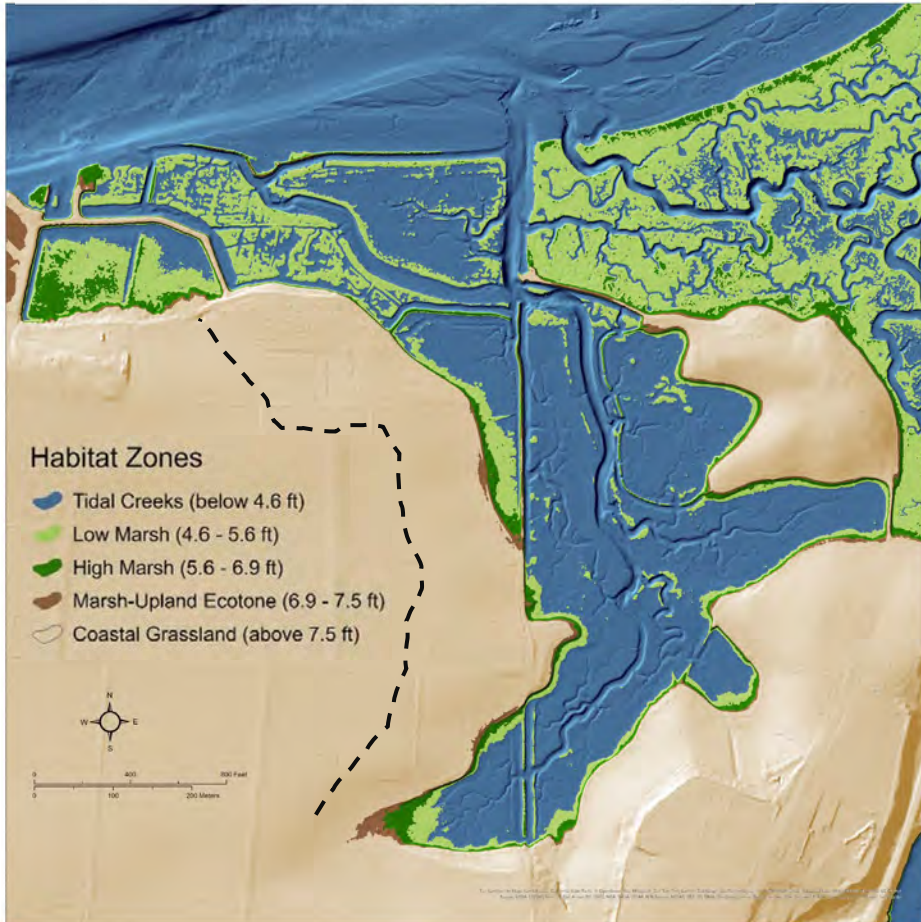






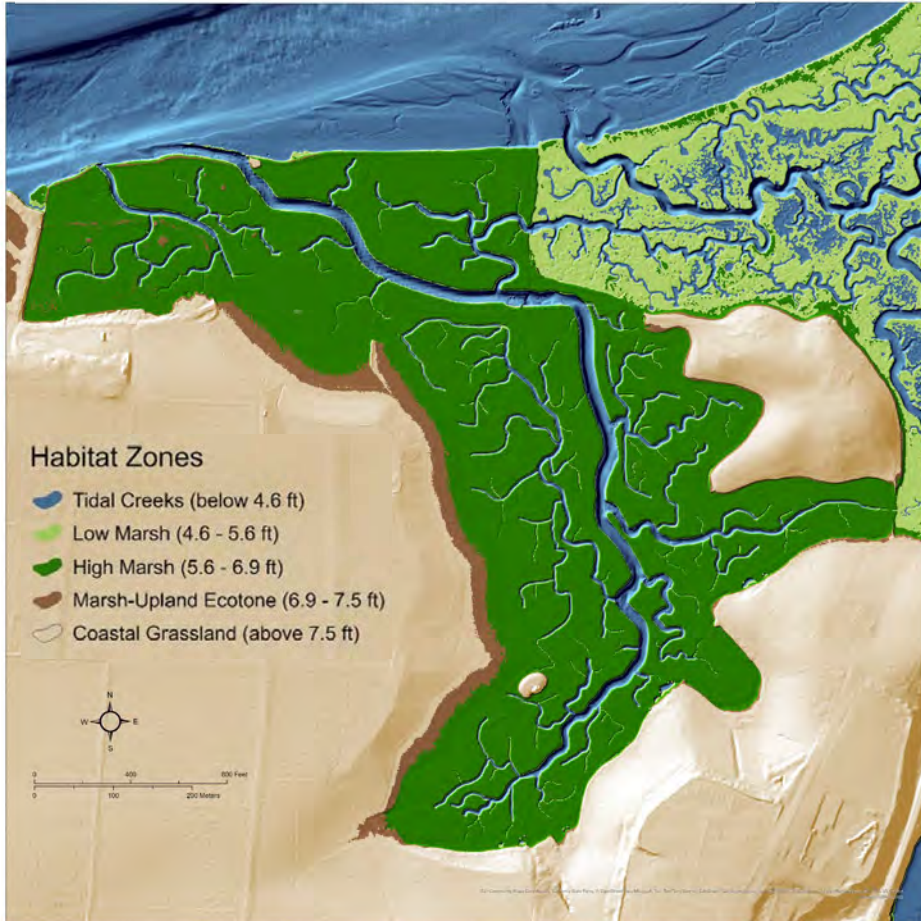
Informing Restoration Design

2012



Informing Restoration Design

2022





Elkhorn Slough

Elkhorn Slough

Elkhorn Rd

Elkhorn Rd

Elkhorn Slough

Elkhorn Rd

Campagna Way

Campagna Way

Hidden Valley Rd

Swiss Canyon

Hidden Valley Rd

Strawberry Canyon Rd

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