

# Eureka Arcata Corridor

## Comprehensive Adaptation and Implementation Plan (CAIP)

Unless we act, by 2100 much of the Eureka Arcata transportation corridor will be under water due to sea level rise (SLR). This reality will affect not only our roads and highways, but entire communities.

To address the impact that SLR will have on local infrastructure, Caltrans District 1—along with numerous local government partners and key stakeholders—is developing a **Comprehensive Adaptation and Implementation Plan (CAIP)**.

The CAIP is a roadmap that informs and prioritizes project planning and allows us to chart a course of action using information obtained through technical research, scientific analysis, policy review, and community outreach regarding landscape features, exposure, and sensitivity to SLR.

The final CAIP will be completed by 2025.

### Sea Level Rise in Humboldt Bay

Humboldt Bay is experiencing one of the fastest rates of SLR on the west coast of the United States. As the ocean rises, the land around Humboldt is subsiding.

The area of SLR risk that the CAIP aims to address is the section of U.S. Highway 101 between Eureka and Arcata (E/A Corridor). This area is the primary transportation hub in Humboldt County, contains essential utility lines and amenities that can be affected by SLR, and has the most sections of shoreline with high to moderate risk for flooding.

### Technical Analysis

Caltrans is conducting research to identify vulnerabilities throughout the Corridor through **leveling, geologic and geomorphic mapping, and groundwater analysis**. The technical data will provide a baseline for future research and inform how we implement future improvements.

### Community Engagement

As equally important as the technical analysis, Caltrans is also engaging the region's diverse communities—including Native Tribes and other populations that have historically been under-resourced—to gain a true understanding of their needs and aspirations.



## Current Landscape and Potential Alternatives

The good news is that there are many options to help combat SLR within the E/A Corridor. Our work on the CAIP has led the following possible solutions:



Currently, Humboldt County is working on a pilot project to install a living shoreline along US 101.

We understand that resilient infrastructure is just one part of our approach to mitigating the impacts of climate change. Supporting proactive environmental legislation, choosing alternative transportation methods, and re-evaluating our consumption of resources all play a part in working toward a more sustainable future.



### Join the Conversation

We need your help to create the CAIP. Community input is a critical part of the CAIP—any alternatives we develop must meet the needs of the region's diverse communities.

**Please join us on October 27 to learn more about the CAIP and get involved.**

[www.tinyurl.com/76nhrmbd](http://www.tinyurl.com/76nhrmbd)

