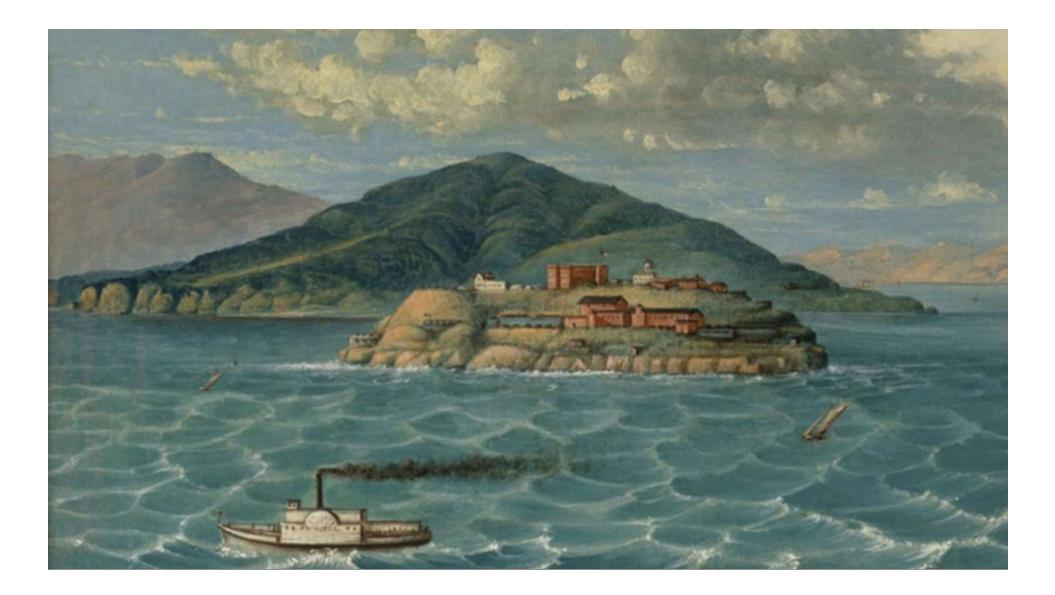
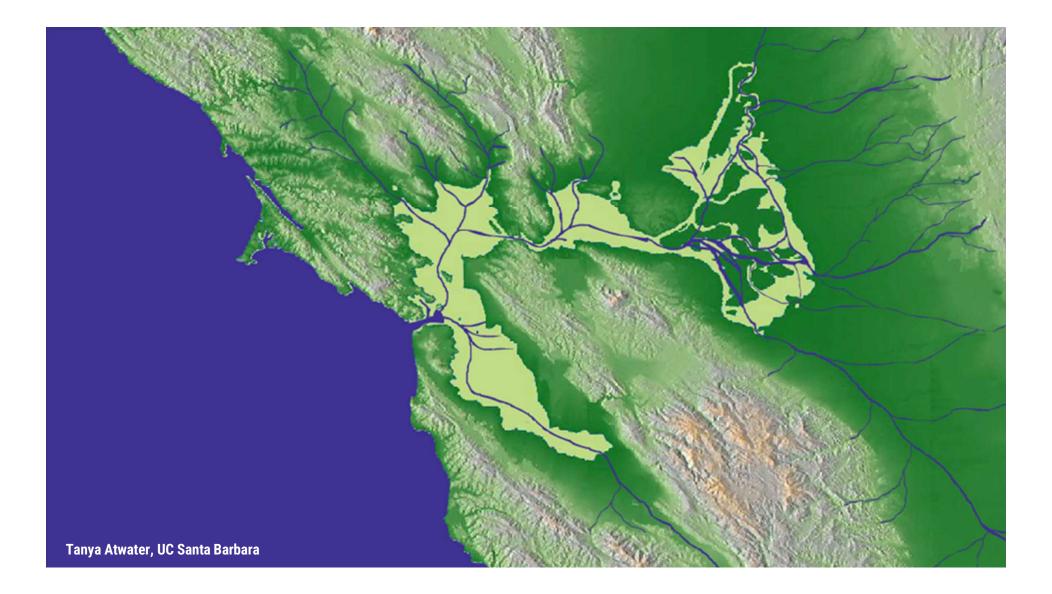
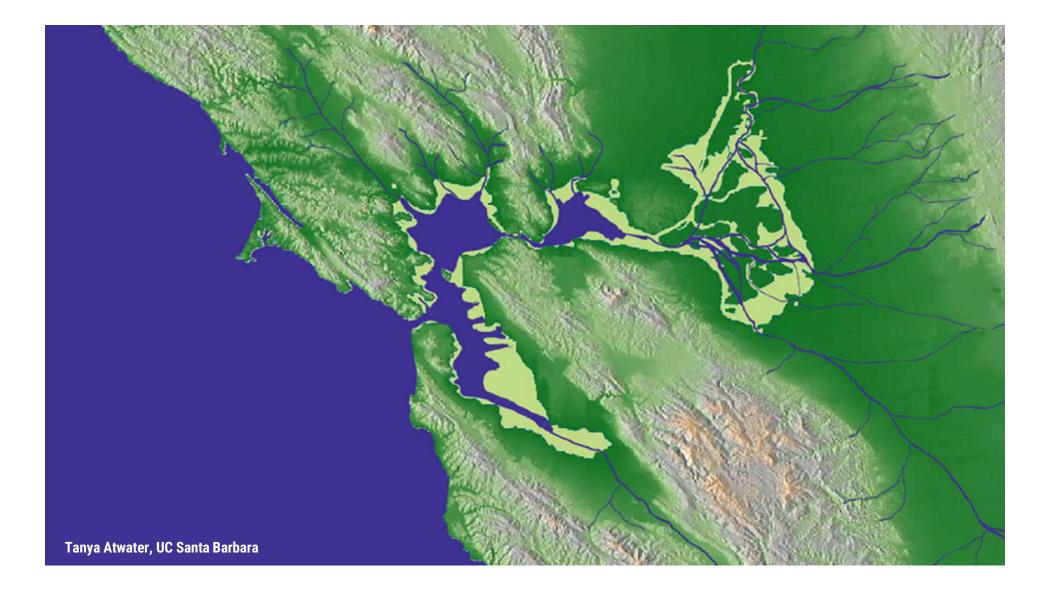
Ecology of the Bay · Past and Future

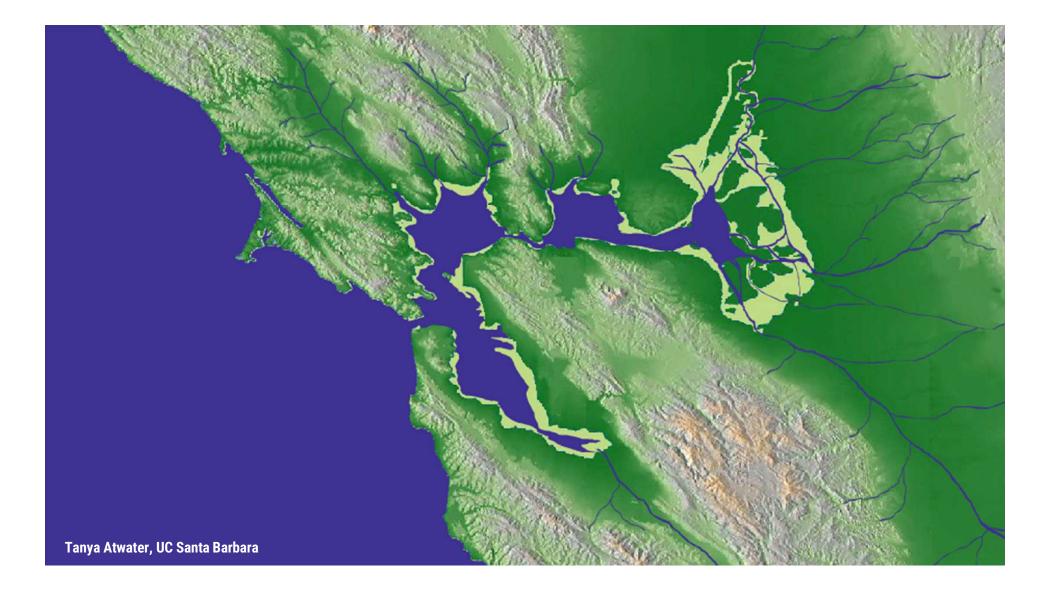


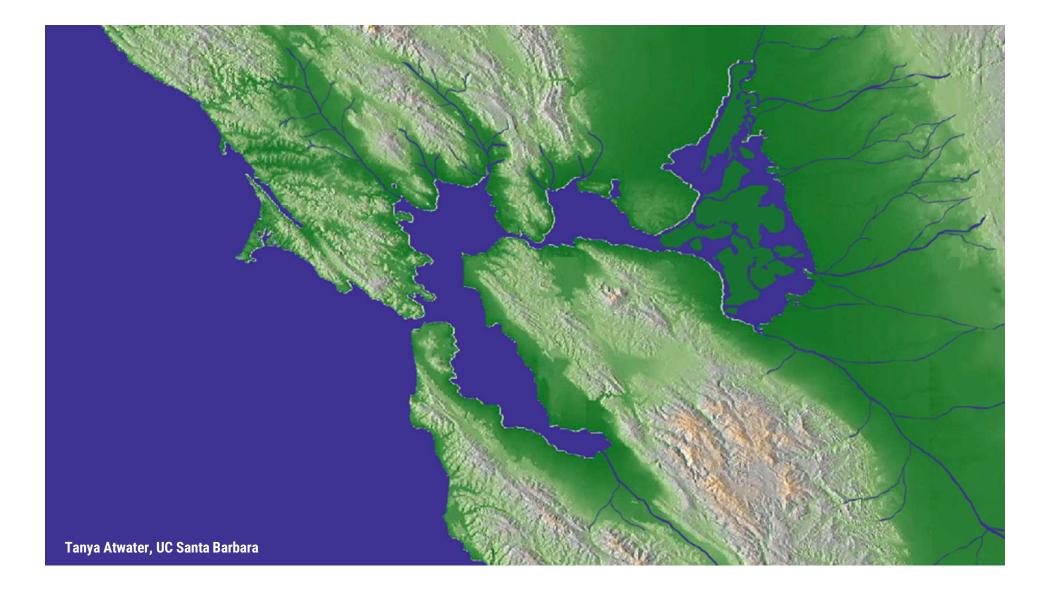
Robin Grossinger San Francisco Estuary Institute www.sfei.org Sea-Level Rise: Why We Need Nature-based Adaptation Webinar Series May 20, 2021





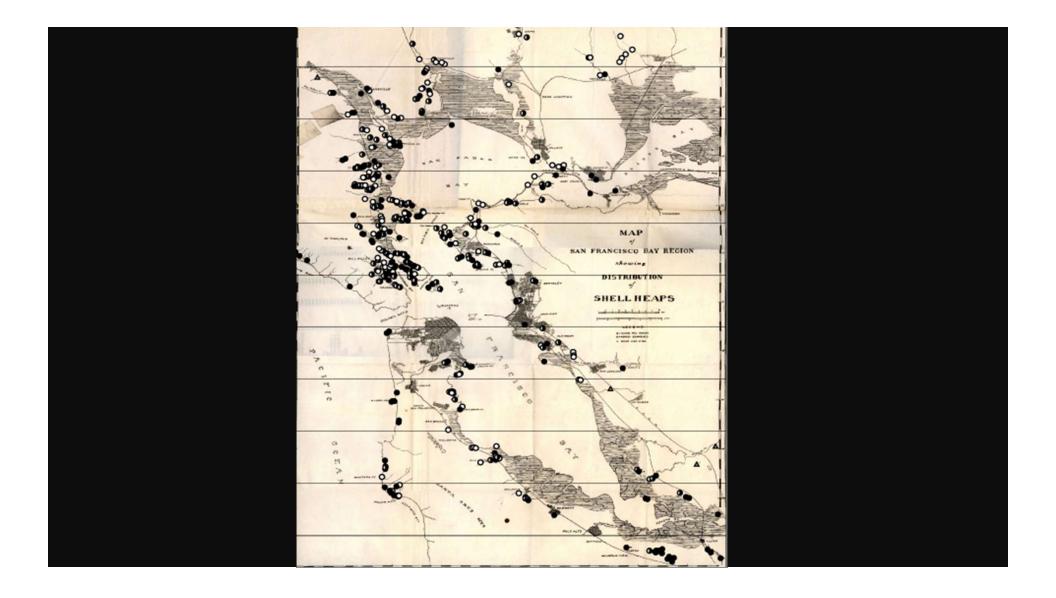






The Bay has always been rising

...and expanding.



People have always lived at the Bay shore

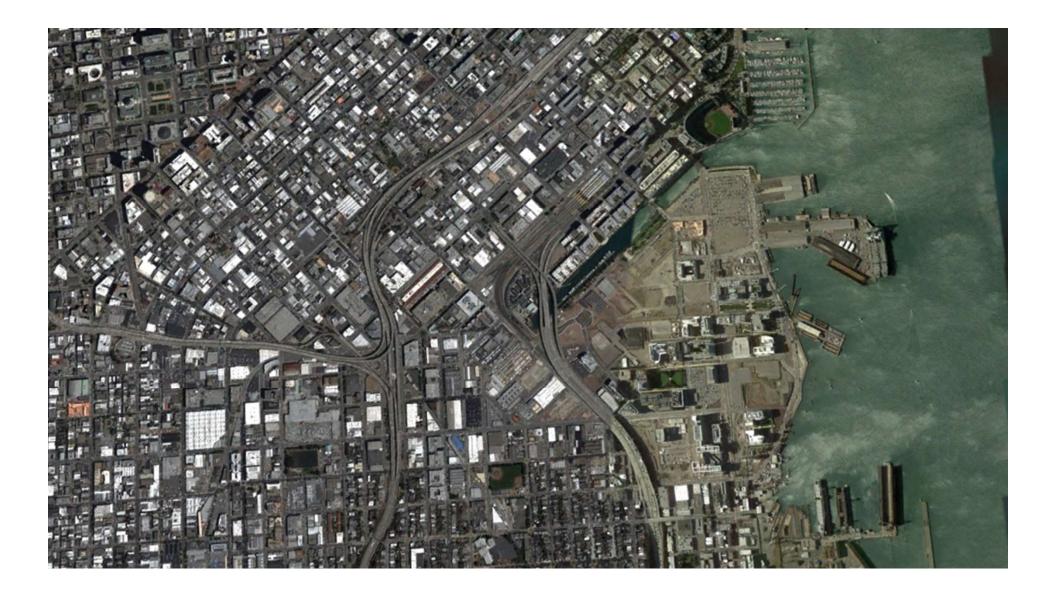
...they moved inland.





During the past 150 years the size of the Bay decreased by almost a third

...despite sea level rise.



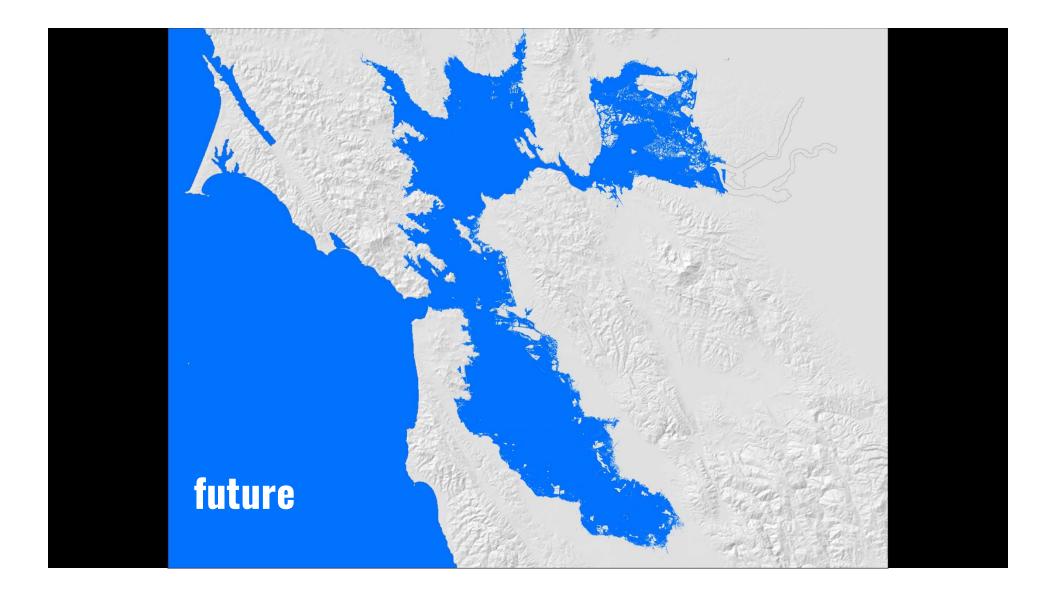


This constructed shoreline has seemed stable

...for a century or more.



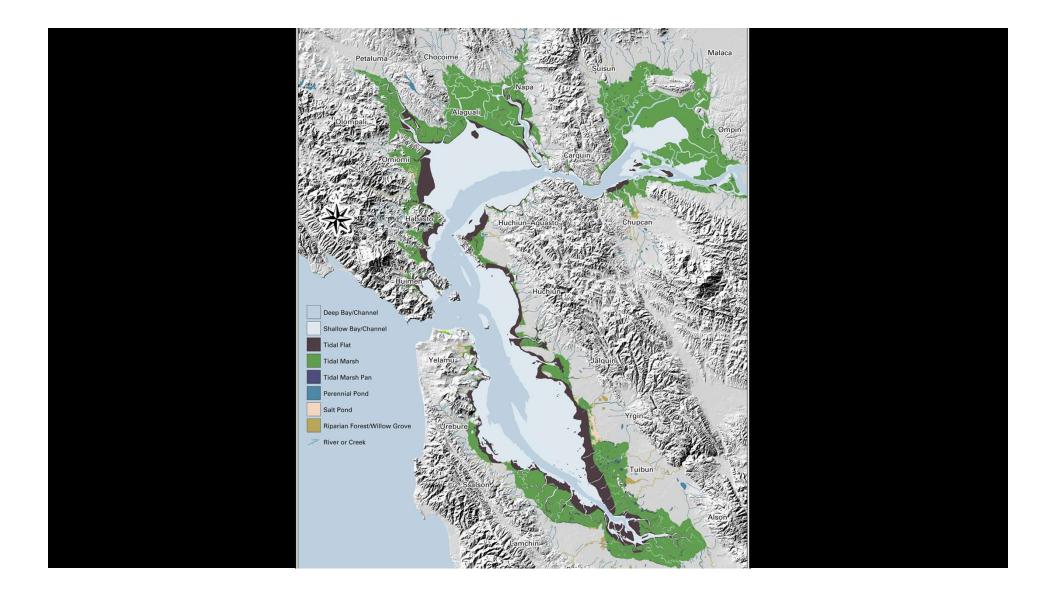






The shoreline is going to change

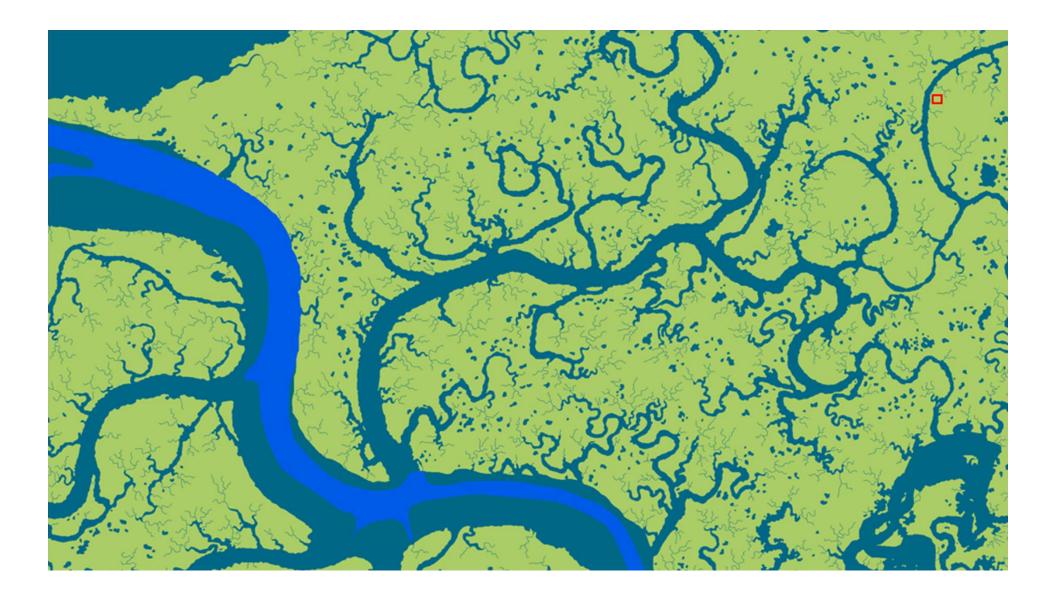
...once again.

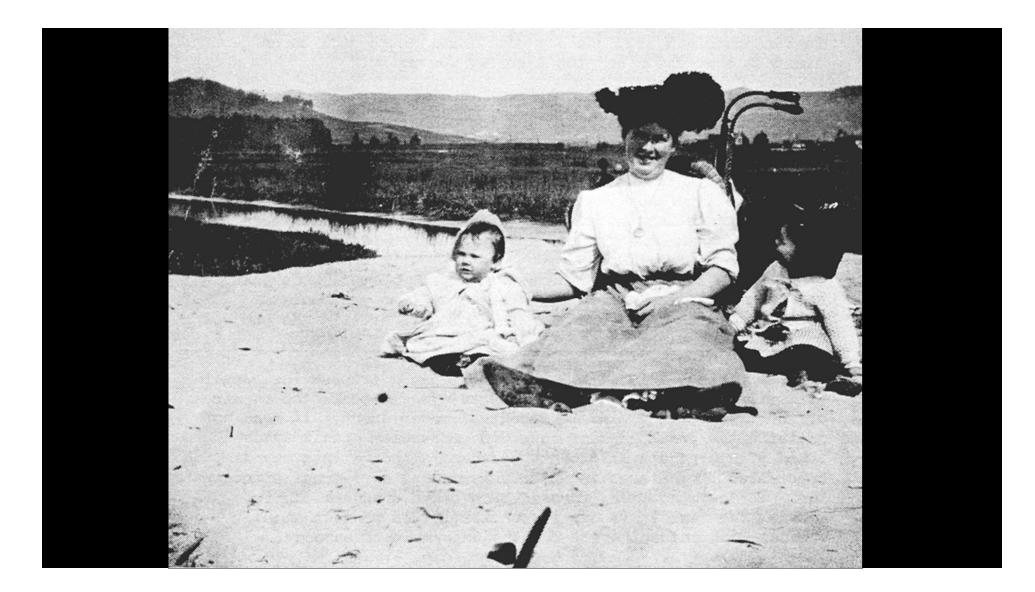


Low-lying areas were naturally protected

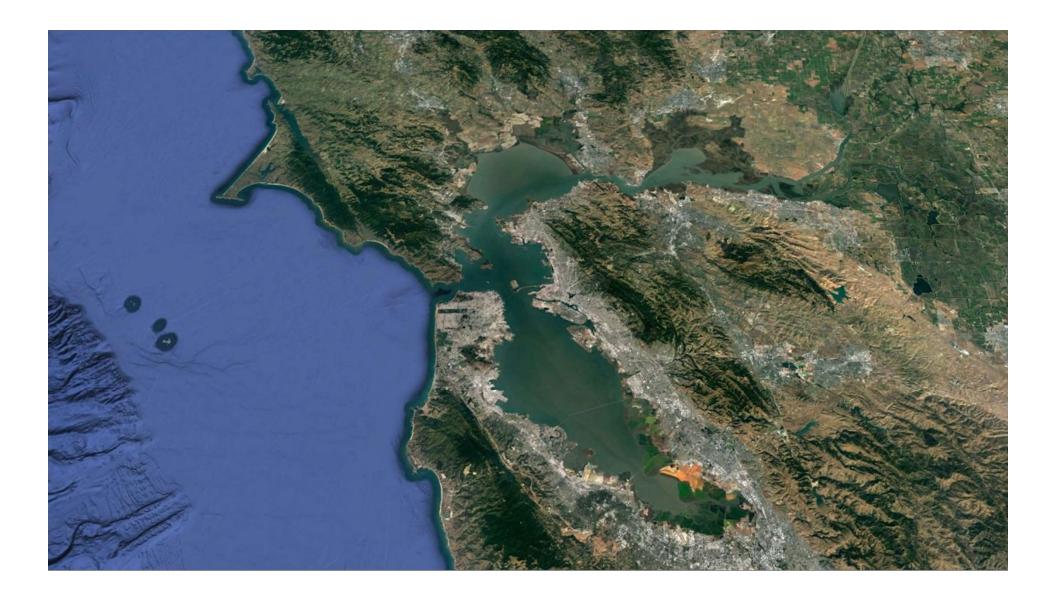
...by mudflats, beaches and marshes.











A second try.

What will we build this time?



