

Hawai'i Presidential Center Bid

Favored Project Site in Kaka'ako



Image credit: University of Hawaii

Net-zero criteria. Catalyst for district-scale systems?

Hawai'i Presidential Center Bid

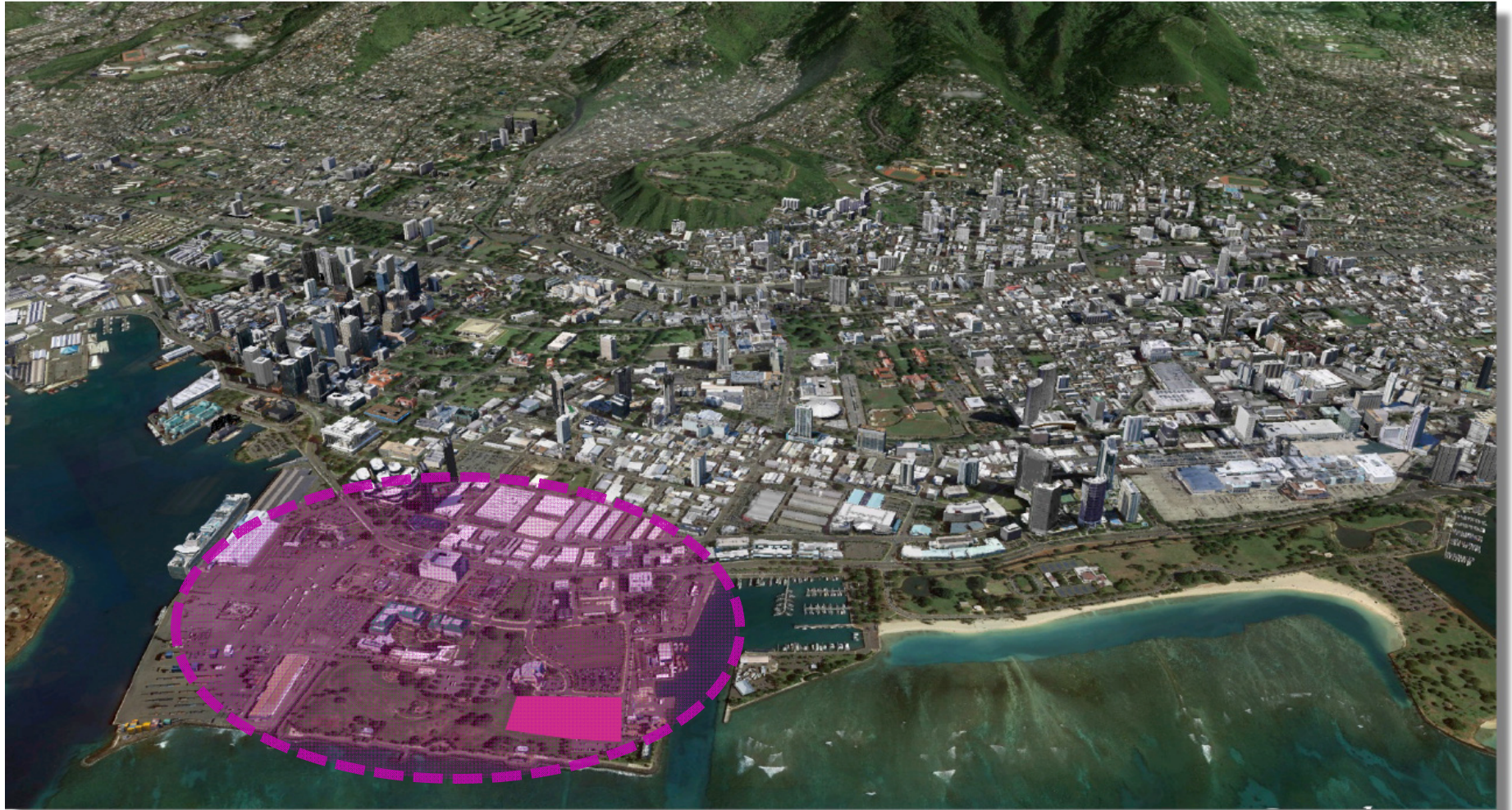


Image credit: University of Hawaii

Envisioning a Regenerative & Resilient Future

Hawai'i Presidential Center Bid



Image credit: Google Maps

Coastal Risks: Sea Level Rise, Inundation

Estimated 3' sea level rise by 2100



Image credit: NOAA Digital Coast <http://www.csc.noaa.gov/digitalcoast/tools/slrviewer>

Coastline condition comparison

Ecological and protective metrics

FEMA FLOOD ZONE VE (EL 10)

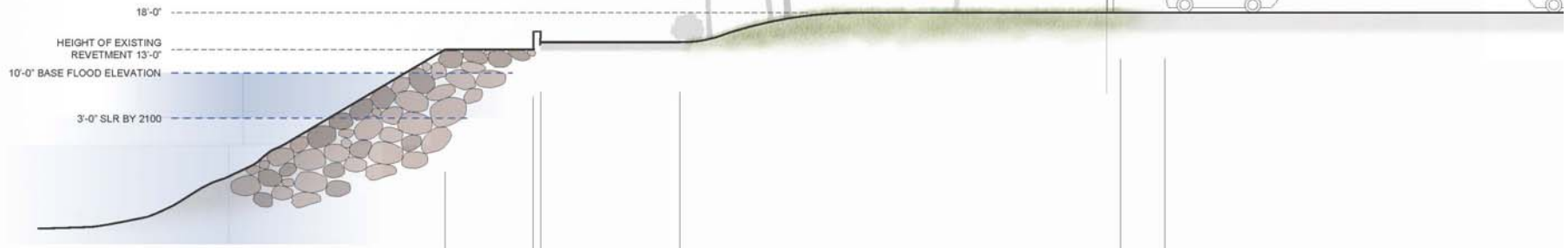
FLOOD INSURANCE RATE ZONE THAT CORRESPONDS TO THE 100-YEAR COASTAL FLOODPLAINS THAT HAVE ADDITIONAL HAZARDS

← VELOCITY HAZARDS (WAVE ACTION) →

FEMA FLOOD ZONE X

AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN. NO BASE FLOOD ELEVATION OR DEPTHS ARE SHOWN WITHIN THIS ZONE

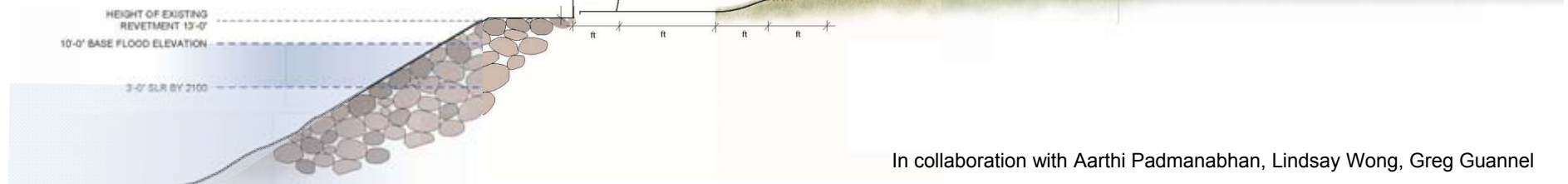
Section: Current Revetment



Speculative Coral Reef Restoration



Speculative Native Vegetation



In collaboration with Aarthi Padmanabhan, Lindsay Wong, Greg Guannel

Hawai'i Presidential Center Bid

Discussion



Image credit: University of Hawaii