



# UNIVERSITY OF HAWAII SYSTEM

## ‘ŌNAEHANA KULANUI O HAWAII

### Legislative Testimony

### Hō'ike Mana'o I Mua O Ka 'Aha'ōlelo

Testimony Presented Before the  
Senate Committee on Water & Land  
Senate Committee on Agriculture & Environmental  
Tuesday, February 5, 2024 at 1:15 p.m.

By

Charles "Chip" Fletcher, PhD

Interim Dean

School of Ocean and Earth Science and Technology

And

Darren Lerner, PhD

Director, Sea Grant College Program

Name, Dean or Director

And

Michael Bruno, PhD

Provost

University of Hawai'i at Mānoa

#### SB 2184 – RELATING TO ADAPTATION PATHWAYS PLANNING

Chairs Inouye and Gabbard, Vice Chairs Elefante and Richards, and Members of the Committees:

The University of Hawai'i Sea Grant College Program (Hawai'i Sea Grant) and the Climate Resilience Collaborative (CRC) **support Senate Bill 2184**, which expands the authority of the State and counties to develop adaptation pathways plans to modify and relocate infrastructure away from critically threatened areas to locations outside sea level rise and coastal flooding exposure areas and appropriates funds.

Hawai'i Sea Grant and CRC support this measure and defer to the proposed amendments from the Department of Land and Natural Resources.

Hawai'i Sea Grant's mission is to provide integrated research, extension, and education activities that increase understanding and use of ocean and coastal resources of the Hawaiian and Pacific Islands and support the informed personal, policy, and management decisions that are integral to realizing this vision. Hawai'i Sea Grant is part of a national network of 34 university-based programs associated with the National Oceanic and Atmospheric Administration that promote better understanding, conservation, and use of coastal resources.

CRC is a multi-investigator research project at the University of Hawai'i at Mānoa focused on sea level rise adaptation and climate resilience. CRC is updating coastal models that project the impacts of sea level rise.

The research that goes into identifying Hawai'i's exposure to sea level rise is coming out of the University of Hawai'i School of Ocean and Earth Science and Technology. To maintain our understanding of sea level threats based on the latest science, these researchers need ongoing

financial support from the State. CRC would be happy to provide updated sea level rise data and projections to the Committee or any lawmaker upon request.

CRC and Hawai'i Sea Grant support Senate Bill 2184, provided its adoption does not replace or adversely impact priorities as indicated in our Board of Regents Approved Budget. Thank you for the opportunity to testify on this measure.