

**SB 485**

**DAVID Y. IGE**  
Governor

**JOSH GREEN**  
Lt. Governor



**DENISE ALBANO**  
Chairperson, Board of Agriculture

**PHYLLIS SHIMABUKURO-GEISER**  
Deputy to the Chairperson

State of Hawaii  
**DEPARTMENT OF AGRICULTURE**  
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Honolulu, Hawaii 96814-2512  
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**TESTIMONY OF DENISE ALBANO  
CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE SENATE COMMITTEE ON AGRICULTURE & ENVIRONMENT**

**JANUARY 30, 2019  
1:15 P.M.  
CONFERENCE ROOM 224**

**SENATE BILL NO. 485  
RELATING TO BIOSECURITY**

Chairperson Gabbard and Members of the Committee:

Thank you for the opportunity to present testimony on Senate Bill 485. This bill increases the amount of funds deposited into the Agricultural Development and Food Security Special Fund. The Department of Agriculture supports the intent of this bill provided it does not impact the Department's priorities listed in the Executive Budget.

The Agricultural Development and Food Security Special Fund is an important resource that the Department utilizes for the awarding of grants to farmers for agricultural production or processing activity, irrigation systems maintenance, equipment purchases to support agricultural production or processing, research on and testing of agricultural products and markets, funding of agricultural inspectors across the Department, promotion of locally grown products, water quality testing and improvement, and any other activity intended to increase local agricultural production or processing.

The title on this measure suggests that more funding through the Agricultural Development and Food Security Special Fund will support biosecurity efforts across the state. While this is true, it should be noted that any additional monies deposited into this fund will support all local agricultural development statewide, one aspect of which would be import replacement to support the biosecurity program. This fund serves a



larger purpose to both the Department and the local agricultural industry. Not only does it serve various divisions throughout the Department with program funding and personnel, it also directly supports the agricultural organizations and commodity groups with critical funding requests that the Department receives each year. Additional funds would expand that level of support to agricultural groups statewide.

Thank you for the opportunity to testify on this measure.

DAVID Y. IGE  
GOVERNOR OF  
HAWAII



**STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

**Testimony of  
SUZANNE D. CASE  
Chairperson**

**Before the Senate Committee on  
AGRICULTURE AND ENVIRONMENT**

**Wednesday, January 30, 2019  
1:15 PM  
State Capitol, Conference Room 224**

**In consideration of  
SENATE BILL 485  
RELATING TO BIOSECURITY**

Senate Bill 485 proposes to increase the portion of revenues from the barrel tax deposited into the Agricultural Development and Food Security Special Fund to support biosecurity programs at the Hawaii Department of Agriculture (HDOA). **The Department of Land and Natural Resources (Department) offers the following comments.**

The Department recognizes invasive species as a major problem for the protection of natural resources, as well as for agricultural production, tourism, and human health. The Department collaborates with HDOA on invasive species and biosecurity issues as described in the Hawaii Interagency Biosecurity Plan (HIBP). The HIBP identifies the need for additional resources at HDOA for activities related to the inspection of imported goods. The Department recognizes that expertise with regard to the disposition of the barrel tax for biosecurity purposes exists within the HDOA and defers to HDOA on how to best utilize this resource.

In addition, the Department notes that the Hawaii Climate Change Mitigation and Adaptation Commission issued support for a carbon fee (in its November 2018 statement, [attached](#)), and while it did not define the exact mechanism of such a fee, it discussed an expansion or reorganization of the state's environmental response, energy and food security tax. This discussion revolved around consideration of the "barrel tax" as a tool to help mitigate emissions from transportation, as well as fund sea level rise adaptation. The Department would like the Committees to note that this larger discussion be taken into consideration.

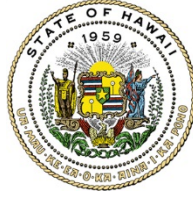
Thank you for the opportunity to comment on this measure.

**SUZANNE D. CASE**  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

**ROBERT K. MASUDA**  
FIRST DEPUTY

**M. KALEO MANUEL**  
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS



## DEPARTMENT OF LAND AND NATURAL RESOURCES

DAVID Y. IGE  
GOVERNOR

SUZANNE D. CASE  
CHAIRPERSON

### NEWS RELEASE

FOR IMMEDIATE RELEASE

Nov. 28, 2018

#### STATE CLIMATE COMMISSION ENCOURAGES URGENT ACTIONS TO COMBAT EMISSIONS

##### *Supports Legislation to Establish A Carbon Fee Program*

(Honolulu) - Hawaii's Climate Change Mitigation and Adaptation Commission, meeting yesterday in Honolulu recognized that ground transportation contributes significantly to Hawaii's share of greenhouse gas emissions. The Commission supports mechanisms to reduce overall vehicle miles traveled as well as converting all remaining vehicle-based ground transportation to renewable, zero-emission fuels and technologies

The Commission believes that putting a price on carbon is the most effective single action that will achieve Hawaii's ambitious and necessary emissions reduction goals. This view is also supported by expert global and local institutions:

- The Intergovernmental Panel on Climate Change reports that a price on carbon is central to prompt mitigation, and global emissions of CO<sub>2</sub> need to fall by 45% by 2030 and to zero by 2050.
- The International Monetary Fund finds that "carbon pricing is crucial in reducing emissions, and carbon taxes are more effective than other mitigation instruments."
- State of Hawaii's *Report of the 2015-2017 Tax Review Commission* recommends consideration of a carbon fee in its review of the state tax structure.
- State of Hawaii's *Transportation Energy Analysis, August 2015*, supports an increase in the barrel tax "to fund government actions to support clean energy, specifically in regards to the bunker taxes in the marine sector and the inclusion of aviation fuel in the barrel tax.

- The Rhodium Group’s report *Transcending Oil Hawai‘i’s Path to a Clean Energy Economy*, April 2018, recommends a carbon tax to achieve clean transportation goals in Hawai‘i.

While the specific mechanisms behind a carbon fee program are not yet outlined, the Commission emphasized the urgent need for such a program, and supports legislation that endeavors to establish one, but also recognizes that any carbon pricing mechanism:

- Must be equitable, and appropriate for the people of Hawaii.
- Must demonstrate how this is a critical policy tool to protect the future—of Hawaii’s keiki and ‘āina.
- Must be adequate to change behavior.

The Commission recommends carbon pricing mechanisms that minimize regressivity, which can be pursued through structures such as equity-based tax credits or carbon fee and dividend.

In order to facilitate a carbon pricing program to address carbon pollution, the Commission urges the State to adequately resource the following actions through legislation or executive action:

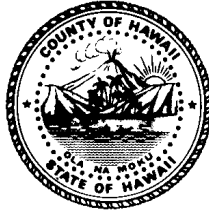
- Partner with counties and local organizations to develop and undertake a multi-year educational/public service announcement (PSA) campaign to address the link between the need for a price on carbon and highlighting the importance of clean transportation in Hawaii—which will increase quality of life, and address climate change impacts by decreasing congestion, commute time and costs, and emissions.
- Explore and develop statewide policies and partner with counties to modernize parking policies and parking management, which will reduce overall emissions, congestion and vehicle miles travelled (VMT) from driving, and increase biking, walking, and transit use, to achieve State goals.
- Transform State and county fleets to address VMT reduction, congestion, and emissions—especially through electrification, renewable fuels, carshare, and supporting infrastructure development and deployment.
- Amend laws, such as the state procurement laws, to better align them with clean transportation priorities.

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**Chair:** Committee on Agriculture,  
Water, Energy, and Environmental  
Management

**Vice Chair:** Committee on Finance

**HERBERT M. "TIM" RICHARDS, III**  
**HAWAI'I COUNTY COUNCIL - DISTRICT 9**  
25 Aupuni Street, Ste. 1402, Hilo, Hawai'i 96720

January 28, 2019

Senate Committee on Agriculture and Environment  
Honorable Senator Mike Gabbard, Chair  
Honorable Senator Russel E. Ruderman, Vice Chair  
**Submission via online testimony**

RE: **Support of SB 485**  
Hearing Date/Time: January 30, 2019 at 1:15 p.m.

Dear Senators:

As the Chair of the Committee on Agriculture, Water, Energy, and Environmental Management for the Hawai'i County Council, I thank you for the opportunity to submit **testimony in SUPPORT of SB 485**. It is important that the Agricultural Development and Food Security special fund is increased.

Please feel free to contact me should you need to discuss my position and knowledge of this matter further.

Sincerely,

HERBERT M. "TIM" RICHARDS, III  
Hawai'i County Council, District 9



Email: [communications@ulupono.com](mailto:communications@ulupono.com)

SENATE COMMITTEE ON AGRICULTURE & ENVIRONMENT  
Tuesday, January 29, 2019 — 8:30 a.m. — Room 325

**Ulupono Initiative Strongly Supports SB 485, Relating to Biosecurity**

Dear Chair Gabbard, Vice Chair Ruderman, and Members of the Committee:

My name is Murray Clay and I am Managing Partner of the Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally produced food; increase affordable, clean, renewable energy; and better management of waste and fresh water. Ulupono believes that self-sufficiency is essential to our future prosperity and will help shape a future where economic progress and mission-focused impact can work hand in hand.

**Ulupono strongly supports Senate Bill 485**, which increases the portion of the barrel tax that goes to agriculture development from 15 cents to 30 cents per barrel, because it aligns with our goal of creating more locally produced food.

The Hawai'i Department of Agriculture is one of the lowest funded departments in State government. Yet, for many rural and agrarian citizens, the Department provides necessary support to survive. We hope that increased funding will allow the Department to revitalize its data and other branches that provide critical information and support to farmers and ranchers. We also note that the critical information and data was lost when the market analysis and news service branch was eliminated in October 2009. This branch was critical to helping guide the State towards achieving its goal to double local food production.

As Hawai'i's local food issues become more complex and challenging, organizations need additional resources and support to address and overcome them. We appreciate this committee's efforts to look at policies that support local food production.

We believe that by collaborating, we can help produce more local food and support an economically robust homegrown agriculture industry, which strengthens our community with fresh, healthy food. Thank you for this opportunity to testify.

Respectfully,

*Investing in a Sustainable Hawai'i*





Murray Clay  
Managing Partner

**SB-485**

Submitted on: 1/29/2019 11:31:47 PM

Testimony for AEN on 1/30/2019 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Brodie Lockard	Testifying for Organizing for Action	Support	No

Comments:



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January 30, 2019

HEARING BEFORE THE  
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

**TESTIMONY ON SB 485**  
RELATING TO BIOSECURITY

Room 224  
1:15 PM

Aloha Chair Gabbard, Vice Chair Ruderman, and Members of the Committee:

I am Brian Miyamoto, Executive Director of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,900 farm family members statewide, and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic and educational interest of our diverse agricultural community.

Hawaii Farm Bureau **supports SB 485**, which increases the amount of barrel tax deposited into the agricultural development and food security special fund.

The barrel tax was intended to support critical investments in clean energy, local agricultural production, and environmental response to reduce the State's dependence on imported fossil fuels and food products. As an organization opposed to new taxes, HFB took an unusual step by supporting the environmental response, energy, and food security tax, or barrel tax. It was a desperate move by the industry to secure stable funding for Hawaii's agricultural industry.

The barrel tax was originally intended to increase local capacity to grow and produce import replacement products in order to fulfill the State's vision for increased self-sufficiency and sustainability. During the economic downturn, proceeds from this fund were reallocated to balance the budget. We understand that some of the proceeds continued to benefit agriculture.

HFB believes increasing the amount of barrel tax deposited into the agricultural development and food security special fund is pertinent in protecting Hawaii's natural resources, agriculture, and human health.

Thank you for this opportunity to testify on this important subject.

**SB-485**

Submitted on: 1/25/2019 4:17:38 PM

Testimony for AEN on 1/30/2019 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Javier Mendez-Alvarez	Individual	Support	No

Comments:

**SB-485**

Submitted on: 1/27/2019 8:44:41 PM

Testimony for AEN on 1/30/2019 1:15:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Catherine Kwan Yuk Chan	Individual	Support	No

Comments:

Progressive thinking. Needs to be serious about climate change for tropical islands. This is a bill that is logical to make agriculture sustainable.

Mahalo,