

HB-1960

Submitted on: 1/30/2018 2:17:07 PM

Testimony for EDB on 2/2/2018 11:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Julien Stevens	Kampachi Farms	Support	No

Comments:

HB-1960

Submitted on: 1/31/2018 4:47:11 AM

Testimony for EDB on 2/2/2018 11:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lisa Vollbrecht		Support	No

Comments:

Hawaii is a premier place to develop the innovative technologies needed to support the sustainable growth of aquaculture. An international conference will spotlight Hawaii on the global aquaculture stage, inviting attention and investment to our local aquaculture businesses, and bringing awareness to the resources available here for potential aquaculture entrepreneurs. The surface and deep seawater delivery facilities available at NELHA are a unique asset to the state, and provide the necessary support for aquaculture activities from start-up to commercial-scale operations. Our local aquaculture industry makes significant global contributions in both technology innovation and commercial production, and I am in strong support of appropriating funds for this strategic opportunity to showcase our achievements, attract new investments, and plan for a productive future in Hawaii's aquaculture industry.



NATURAL ENERGY LABORATORY OF HAWAII AUTHORITY

An Authority of the State of Hawaii attached to the Department of Business, Economic Development & Tourism



Statement of
Gregory P. Barbour
Executive Director

Natural Energy Laboratory of Hawaii Authority
before the

COMMITTEE ON ECONOMIC DEVELOPMENT AND BUSINESS

And

COMMITTEE ON OCEAN, MARINE RESOURCES AND HAWAIIAN AFFAIRS

Friday, February 2, 2018
11:00 am
State Capitol, Conference Room 309

in consideration of

HB 1960 RELATING TO AQUACULTURE.

The Natural Energy Laboratory of Hawaii Authority (NELHA) strongly supports the intent of HB 1960 which appropriates \$300,000 to the Hawaii Strategic Development Corporation to support the planning and participation at the World Aquaculture Society meeting in Honolulu in February 2020 so long as it does not displace Administration priorities.

NELHA and HSDC hosted an Aquaculture Industry Summit in November 2017 to bring Hawaii's industry stakeholders together to learn about global investment trends in the industry and to discuss potential strategies for Hawaii to capitalize on its competitive strengths to be a leading region in the global aquaculture industry. There was extremely strong support for this effort and showing the world what Hawaii has to offer at the 2020 meeting.

The global aquaculture industry is poised for a sustained period of growth and

expansion. Hawaii is home to both pioneering industry research efforts and commercial activities that have made significant contributions to the global industry. If Hawaii is to capitalize on the commercial opportunity in the global aquaculture industry it will have to undertake a concerted and collaborative effort to raise its global visibility in marine aquaculture. Making every effort to “put our best foot forward” in this regard at the 2020 event is certainly a step in the right direction. This makes good business sense.

Thank you for the opportunity to offer these comments.



**PO Box 1095
Kurtistown, Hawaii
+1-808-938-2840
jim.wyban@gmail.com**

January 31, 2018

House Committee
Honolulu HI

RE: House Bill HB1960

Dear Committee,

I am writing in support of HB1960, which seeks to appropriate \$300,000 to HSDC to be used to support the planning and coordination of industry efforts to participate in the upcoming Aquaculture America 2020 Conference to be held in Honolulu in February 2020. This will be an important conference for Hawaii to put their best foot forward and continue our leadership position in this industry.

Funding would support industry events leading up to the 2020 conference to bring the industry together to develop a consistent message to market Hawaii aquaculture to the over 2,000 participants expected at the conference.

Funds could also support efforts to develop a fact book on Hawaii aquaculture that would provide a description the aquaculture assets available in Hawaii, the names and activities of companies operating in the industry, and the permitting and regulatory process for aquaculture activities. This fact book could be distributed to all the participants in the 2020 conference.

I wholeheartedly support this effort and ask that you approve this bill and support Hawaii's developing aquaculture industry.

Sincerely,

Jim

Jim Wyban PhD
President
Marine Genetics

HB-1960

Submitted on: 1/31/2018 4:42:39 PM

Testimony for EDB on 2/2/2018 11:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Alexander Leonard		Support	No

Comments:



Email: communications@ulupono.com

HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS AND OCEAN, MARINE
RESOURCES, & HAWAIIAN AFFAIRS

Friday, February 2, 2018 — 11:00 a.m. — Room 309

UluPono Initiative Strongly Supports HB 1960, Relating to Aquaculture

Chair Evans, Vice Chair Keohokalole, Chair Ing, Vice Chair DeCoite, and Members of the Committees on Economic Development and Business and Ocean, Marine Resources, & Hawaiian Affairs Committees:

My name is Kyle Datta and I am General Partner of 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 HB 1960, which appropriates funds for the Aquaculture America 2020 conference, because it aligns with our goal of creating more locally produced food.

If Hawai'i is to capitalize on the commercial opportunity in our nation's aquaculture industry, it will have to undertake a concerted and collaborative effort to raise its visibility.

This conference is a great way to showcase the companies, projects, and research conducted by Hawai'i's aquaculture sector to the rest of the nation. It can encourage investors and project developers to look to Hawai'i as a viable place for aquaculture-related endeavors. With our location and ocean resources, Hawai'i can be at the forefront of our nation's aquaculture industry, a sector that has grown considerably over the last five years.

NELHA already has the office space and commercial expansion footprint to attract entrepreneurs and venture capital to the site. The proposed aquaculture incubator at NELHA will address this need by establishing a facility that will leverage NELHA's world-class marine resources and its strong base of global aquaculture companies, to attract entrepreneurs and investors to startup their companies here in Hawai'i.

We believe that by collaborating, we can help produce more local food and support an

Investing in a Sustainable Hawai'i

economically robust homegrown agriculture industry, which strengthens our community with fresh, healthy food. Thank you for this opportunity to testify.

Respectfully,

Kyle Datta
General Partner



**DEPARTMENT OF BUSINESS,
ECONOMIC DEVELOPMENT & TOURISM**

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804
Website: dbedt.hawaii.gov

Telephone: (808) 586-2355
Fax: (808) 586-2377

DAVID Y. IGE
GOVERNOR

LUIS P. SALAVERIA
DIRECTOR

MARY ALICE EVANS
DEPUTY DIRECTOR

Statement of
LUIS P. SALAVERIA
Director
Department of Business, Economic Development, and Tourism
before the
HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
AND
OCEAN, MARINE RESOURCES, & HAWAIIAN AFFAIRS

Friday, February 2, 2018
11:00 a.m.
State Capitol, Conference Room 309

in consideration of

HB 1960
RELATING TO AQUACULTURE.

Chairs Evans and Ing, and Vice Chairs Keohokalole and DeCoite, and Members of the
Committees.

The Department of Business, Economic Development & Tourism (DBEDT) supports the
intent of HB 1960, which appropriates \$300,000 for the planning and participation at the World
Aquaculture Society meeting in Honolulu in February 2020, so long as it does not displace
Administration priorities.

Hawaii can capitalize on the commercial opportunity in the global aquaculture industry
by raising its global visibility in marine aquaculture, through this conference.

Thank you for the opportunity to testify.

House Committee on Economic Development and Business, and
House Committee on Ocean Marine Resources and Hawaiian Affairs
Friday, February 2, 2018, 11:00 am, Room 309

Re: HB 1960 Relating to Aquaculture

Chair Evans, Vice Chair Keohokalole, Chair Ing, Vice Chair De Coite and Committee Members, my name is John Corbin. I am submitting testimony strongly in support of HB 1960.

Previously, until 2006, I had the privilege of managing the State Aquaculture Development Program for nearly 30 years. Since leaving State government, I have seen the Hawaii industry continue to diversify and expand to record levels of production value, hitting \$78.2 million in 2014 and where it is ranked the 6th largest industry in the country. Hawaii companies are known nationally and internationally for the innovative technologies used to produce: microalgae for nutraceuticals, Specific Pathogen Free shrimp, land-based abalone and oyster seed, high value koi carp and seahorses, and open ocean cage culture of kampachi.

According to the United Nations, Food and Agriculture Organization, the looming gap (new supplies needed) in global seafood supplies by 2030 must be filled by increased aquaculture production. In 2030 the estimate is two thirds of seafood will come from aquaculture farming. Likewise, American seafood interests, Congress and the Federal government are recognizing that the country can't continue to rely on imported seafood - currently 91% of consumption – that is supplied by a chaotic, unstable supply chain that is subject to global climate change and growing geopolitical risks. Fortunately, U.S. seafood policy is domestic production must increase through rapid expansion of commercial aquaculture, particularly offshore farming.

With this context in mind, the Strategic Development Corporation, along with the Hawaii Aquaculture and Aquaponics Association, prominent members of the aquaculture community and Conference organizers have proposed the 2020 Aquaculture America Initiative to show case Hawaii's aquaculture assets and investment opportunities to the international audience attracted by the meeting. I believe the timing of the Initiative is excellent and providing financial assistance to the coordinated effort will help assure the realization of many benefits to the State and the local industry.

Thank you for the opportunity to testify.

John S. Corbin MS, CFP, AICP
President
Aquaculture Planning & Advocacy LLC
Kaneohe, Hawaii

HB-1960

Submitted on: 2/1/2018 10:29:37 AM

Testimony for EDB on 2/2/2018 11:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Elizabeth Corbin		Support	No

Comments:

Aquaculture, with its long tradition in Hawaii, is an important component of diversified agriculture and has the potential to expand its contribution to the State's economic development and food security objectives. Hosting an international aquaculture conference in Hawaii can highlight the State's achievements in this industry and improve prospects for export sales of products, international consulting opportunities, and investment in local development.



P.O. Box 253, Kunia, Hawai'i 96759
Phone: (808) 848-2074; Fax: (808) 848-1921
e-mail info@hfbf.org; www.hfbf.org

February 2, 2018

HEARING BEFORE THE
HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
HOUSE COMMITTEE ON OCEAN, MARINE RESOURCES & HAWAIIAN AFFAIRS

TESTIMONY ON HB 1960
RELATING TO AQUACULTURE

Room 309
11:00 AM

Aloha Chair Evans, Vice Chair Keohokalole, and Members of the Committee:

I am Randy Cabral, President 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 interests of our diverse agricultural community.

The Hawaii Farm Bureau supports HB 2174, which appropriates funds to support the planning and participation of the Hawaii aquaculture industry upcoming Aquaculture America 2020 Conference to be held in Honolulu in February 2020.

Aquaculture is a major growth industry worldwide. In Hawaii, annual aquaculture production has exceeded \$75 million a year since 2014, making aquaculture one of the largest components of Hawaii's diversified agriculture by wholesale value and creating approximately 400 jobs in this highly technical industry. Hawaii's warm climate, midocean location, demand for seafood products, and strong technical and transportation infrastructures are advantages that create potential for substantial further growth.

The Aquaculture America 2020 Conference is expected to attract more than 2,000 attendees and will include the largest aquaculture trade show in the western hemisphere, with booths featuring the latest technical innovations in aquaculture production. The conference will be an ideal venue to showcase Hawaii's advantages to an interested audience which will include established aquaculture businesses and potential investors. The funding proposed by HB 1960 will support efforts, begun last November with the statewide Aquaculture Industry Summit at NELHA in Kailua-Kona, to bring together the Hawaii aquaculture industry to promote Hawaii as a strong candidate for increased aquaculture investment. If successful, these efforts will result in greater investment, increased food self-sufficiency, and more "green" jobs for Hawaii. We therefore encourage your Committee to support the funding proposed by HB 1960.

Thank you for this opportunity to provide our input on this measure.

HB-1960

Submitted on: 2/1/2018 10:47:03 AM

Testimony for EDB on 2/2/2018 11:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Frederick M. Mencher	Hawaii Aquaculture and Aquaponics Association	Support	No

Comments:

DAVID Y. IGE
Governor

SHAN S. TSUTSUI
Lt. Governor



State of Hawaii
DEPARTMENT OF AGRICULTURE
1428 South King Street
Honolulu, Hawaii 96814-2512
Phone: (808) 973-9600 FAX: (808) 973-9613

SCOTT E. ENRIGHT
Chairperson, Board of Agriculture

PHYLLIS SHIMABUKURO-GEISER
Deputy to the Chairperson

**TESTIMONY OF SCOTT E. ENRIGHT
CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE HOUSE COMMITTEES ON ECONOMIC DEVELOPMENT & BUSINESS
AND OCEAN, MARINE RESOURCES, & HAWAIIAN AFFAIRS**

**FEBRUARY 2, 2018
11:00 AM
CONFERENCE ROOM 309**

**HOUSE BILL NO. 1960
RELATING TO AQUACULTURE**

Chairperson Evans, Chairperson Ing and Members of the Committees:

Thank you for the opportunity to testify on House Bill No. 1960, relating to aquaculture. This bill provides funds to the Hawaii Strategic Development Corporation (HSDC) in the Department of Business, Economic Development, and Tourism (DBEDT) for the planning and participation of the Hawaii aquaculture industry in the Aquaculture America 2020 Conference to be held in Honolulu. The Department supports this bill provided it does not impact the Department's priorities listed in the Executive Budget.

Currently, aquaculture has surpassed fisheries in providing the amount of seafood consumed globally. Countries like Norway, China, Canada, and Chile put great emphasis on aquaculture development to meet the growing demand for high-quality animal protein. Hawaii has the geographic and environmental features to support being a leader in the aquaculture industry. Continued support of aquaculture development will increase Hawaii's food self-sufficiency and contribute economically through job creation.

Appropriating funds to support the planning and participation in Aquaculture America 2020 is an opportunity to showcase Hawaii's aquaculture industry to a global audience and bring international expertise on industry issues to local stakeholders. The Department plans to partner with HSDC to support this world renowned conference.

Thank you for the opportunity to testify on this measure.





Written Statement of
Robbie Melton
Executive Director & CEO
Hawaii Technology Development Corporation
before the
House Committee on Economic Development & Business
and
House Committee on Ocean, Marine Resources, & Hawaiian Affairs
Friday, February 2, 2018
11:00 a.m.
State Capitol, Conference Room 309

In consideration of
HB1960
RELATING TO AQUACULTURE

Chairs Evans & Ing, Vice Chairs Keohokalole & DeCoite, and Members of the Committees.

The Hawaii Technology Development Corporation (HTDC) **supports** HB1960 that appropriates funds to support the planning and participation of the Hawaii aquaculture industry in the Aquaculture America 2020 conference.

As part of HTDC's vision to create 80,000 new innovation jobs in Hawaii earning \$80,000 or more by 2030, HTDC supports initiatives aimed at promoting technology and innovation jobs. Hawaii has a history of success with aquaculture and the Hawaii Small Business Innovation Research (HSBIR) program and has a world class research facility at NELHA.

HTDC defers to HSDC on the implementation of this measure.

Thank you for the opportunity to offer these comments.



**Committee on Economic
Development & Business**

Rep. Cindy Evans, Chair

Rep. Jarrett Keohokalole, Vice Chair

**Committee on Ocean, Marine
Resources & Hawaiian Affairs**

Rep. Kaniela Ing, Chair

Rep. Lynn DeCoite, Vice Chair

February 1, 2018

Support for H.B. 1960 Relating to Aquaculture

Blue Ocean Mariculture is the world's leading producer of cultivated Kahala (*Seriola rivoliana*). Our fish are served under the Hawaiian Kanpachi brand in sushi and fine dining restaurants in Hawaii and across the mainland United States. We employ 27 people full-time in the Kona area in our hatchery and offshore aquaculture operations.

We strongly support H.B. 1960 relating to the planning and participation of Hawaii's aquaculture's industry in the World Aquaculture Society's Aquaculture America 2020.

2020 brings an excellent opportunity to showcase Hawaii's aquaculture assets, talents and successes when one of the world's largest aquaculture trade shows is hosted in our state. Raising Hawaii's visibility in the global aquaculture industry is an important step to building the aquaculture industry to be a strong, positive component of Hawaii's economy. Aquaculture provides an opportunity to strengthen our state's economy by diversifying our economic base, reducing the amount of seafood imported to Hawaii, and creating high-wage job opportunities.

We believe there is significant potential for Hawaii to contribute to the global aquaculture industry and providing positive economic benefit to our local community. We believe the best way to pursue this potential is through the type of program contemplated by H.B. 1960. Thank you for the opportunity to testify.

Blue Ocean Mariculture



No. 1 Capitol District Building
250 South Hotel Street, Suite 509
P.O. Box 2359
Honolulu, Hawaii 96804
Telephone: (808) 587-3830

Statement of
Karl K. Fooks
President

Hawaii Strategic Development Corporation

Before the
HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
And
HOUSE COMMITTEE ON OCEAN, MARINE RESOURCES, & HAWAIIAN AFFAIRS

Friday, February 2, 2018
11:00 AM
State Capitol, Conference Room 309

In support of

HB 1960
RELATING TO AQUACULTURE

Chair Evans, Chair Ing, Vice Chair Keohokalole, Vice Chair DeCoite and
Members of the Committees on Economic Development & Business, and Ocean,
Marine Resources, & Hawaiian Affairs:

The Hawaii Strategic Development Corporation (HSDC) **supports** HB 1960,
which appropriates funds to support the planning and participation of the Hawaii
aquaculture industry in the Aquaculture America 2020 conference.

Aquaculture America is the largest aquaculture trade show in the Western
Hemisphere with nearly 200 booths and over 2,000 attendees in recent years. The U.S.
Aquaculture Society joins with National Aquaculture Association and the Aquaculture
Suppliers Association to produce the annual Aquaculture America meetings. These
groups have already committed to hold their 2020 conference at the Hawaii Convention
Center in February 2020.

HSDC has identified Hawaii's aquaculture industry as a strategic development
priority and is working with the various stakeholder groups to develop a unified effort to
promote Hawaii's aquaculture industry to global investors and collaborators.

In November 2017, HSDC organized the Hawaii Statewide Aquaculture Summit
to bring all the industry stakeholders together to discuss strategies to grow and develop
this industry. Among other initiatives, the participants agreed that an active promotional
effort and participation by the Hawaii aquaculture industry at the upcoming America
Aquaculture 2020 Conference would be an important catalyst to promote Hawaii's
industry to the global aquaculture industry.

The local Steering Committee for this conference recently met with the conference organizer and discussed the need to hold a series of events and meetings over the next 18 months to organize and plan the participation of the Hawaii aquaculture industry in the conference, develop descriptive materials on the aquaculture companies, activities and assets in the State of Hawaii to distribute to conference attendees, and to create promotional events that will showcase the industry ahead of and during the conference. The requested funding will allow HSDC to coordinate the industry's efforts to undertake these efforts.

HSDC supports the bill as long as it does not either replace or adversely impact the Administration's priorities. We defer to the Department of Budget and Finance for the fiscal impact of this measure on the state budget.

Thank you for the opportunity to provide testimony.

LATE

HB-1960

Submitted on: 2/2/2018 3:53:42 AM

Testimony for EDB on 2/2/2018 11:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Melodie Aduja	OCC Legislative Priorities	Support	No

Comments:

PRESENTATION OF THE
OAHU COUNTY COMMITTEE ON LEGISLATIVE PRIORITIES
DEMOCRATIC PARTY OF HAWAII
TO THE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
AND
COMMITTEE ON OCEAN, MARINE RESOURCES & HAWAIIAN AFFAIRS
THE HOUSE OF REPRESENTATIVES
TWENTY-NINTH LEGISLATURE
REGULAR SESSION OF 2018
Friday, February 2, 2018
11:00 a.m.

Hawaii State Capitol, Conference Room 309

RE: **Testimony in Support** of HB 1960, RELATING TO AQUACULTURE

To the Honorable Cindy Evans, Chair; the Honorable Jarrett Keohokalole, Vice-Chair and Members of the Committee on Economic Development & Business:

To the Honorable Kaniela Ing, Chair; the Honorable Lynn DeCoite, Vice-Chair and Members of the Committee on Ocean, Marine Resources & Hawaiian Affairs:

Good morning, my name is Melodie Aduja. I serve as Chair of the Oahu County Legislative Priorities Committee of the Democratic Party of Hawaii. Thank you for the

opportunity to provide written testimony on House Bill No. 1960, relating to appropriating funds to support the planning and participation of the Hawaii aquaculture industry in the Aquaculture America 2020 conference. The OCC Legislative Priorities Committee is in favor of House Bill No. 1960 and support its passage.

House Bill No. 1960, is in alignment with the Platform of the Democratic Party of Hawai'i ("DPH"), 2016, as it appropriates funds to support the planning and participation of the Hawaii aquaculture industry in the Aquaculture America 2020 conference.

Specifically, the DPH Platform states, "Agriculture in our state must be preserved and its future strengthened. Sufficient prime agricultural lands must be maintained for the health, economic well-being and sustenance of the people. We believe in an integrated approach to agricultural innovation and sustainability. We encourage the responsible development of ocean resources in order to achieve sustainability of our marine resources and ensure and improve the health of our reef and marine life.

This approach includes, but not limited to, the adoption of the native Hawaiian concept of ahupua'a, an integrated approach to land management. This could also include development of economic, land and ocean use policies that foster sustainable corps both for local consumption and for export policies to foster agriculture-related infrastructure at shipping points, and increased inspection to protect against invasive species and to encourage reduced holding times.

Recognizing the importance of the ocean as a life-sustaining resource, we must protect its ecological and alternative patterns of water treatment and consumption such as the use of recycled water for irrigation, water storage reservoirs, and the use of catchment systems by the public.

As an island state, securing affordable food for all is a priority. We support healthy, sustainable, and diversified local food production, and "Buy Local" strategies to assure greater food security and food safety. (Platform of the DPH, P. 2, Lines 76-86, 90-99 (2016)).

Given that House Bill No. 1960 provides for the planning and participation of the Hawaii aquaculture industry in the Aquaculture America 2020 conference, of which will lead to a more diversified economy and by creating more diversified jobs, it is the position of the OCC Legislative Committee to support this measure.

Thank you very much for your kind consideration.

Sincerely yours,

/s/ **Melodie Aduja**

Melodie Aduja, Chair, OCC Legislative Priorities Committee

Email: legislativepriorities@gmail.com, Tel.: (808) 258-8889