



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Written Testimony Presented Before the
Senate Committee on Ways and Means
Friday, February 24, 2017 at 1:30 p.m.

By

Dr. Ruth D. Gates, Director
Hawai'i Institute of Marine Biology
University of Hawai'i at Mānoa

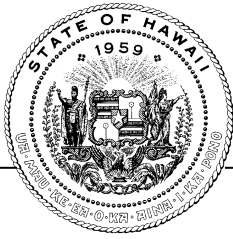
SB 1178 SD1 – MAKING AN APPROPRIATION FOR HE'EIA NATIONAL ESTUARINE RESEARCH RESERVE

Chair Tokuda, Vice Chair Dela Cruz and members of the committee:

The University of Hawaii supports SB 1178 SD1, provided that its passage does not replace or adversely impact priorities as indicated in the university's board of regents approved executive biennium budget. This measure will allow the University of Hawai'i to staff the newly designated He'eia National Estuarine Research Reserve (NERR). The designation and inclusion of He'eia in the national network of estuarine reserve sites, marks the culmination of two years of collaborative action by members of the local community (Ko'olaupoko Hawaiian Civic Club, the Ko'olaupoko Foundation, Paepae O He'eia, Kāko'o 'Ōiwi) and the University of Hawai'i at Mānoa (Hawai'i Institute of Marine Biology).

The He'eia NERR is unlike any other in that it is a coalescence of community and science; federal, state and local efforts; and modern science and traditional knowledge that aims to implement and understand how restoration efforts in the He'eia wetland influence the health of the adjacent estuarine ecosystem. The federal funding that accompanies the He'eia NERR will serve to forward activities that explicitly expose the youth of Hawai'i, and students across the US, to a broad array of science concepts from land use to ecology to marine biology all in the context of traditional land management. The four positions requested in SB 1178 SD1 will coordinate research, management, education and cultural activities inside the He'eia NERR and are, in my opinion, the lynchpin to successful collaborative stewardship of the He'eia watershed.

Thank you for the opportunity to present testimony in support of this important Senate Bill.



OFFICE OF PLANNING STATE OF HAWAII

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: <http://planning.hawaii.gov/>

DAVID Y. IGE
GOVERNOR

LEO R. ASUNCION
DIRECTOR
OFFICE OF PLANNING

Statement of
LEO R. ASUNCION
Director, Office of Planning
before the
SENATE COMMITTEE ON WAYS AND MEANS
Friday, February 24, 2017
1:30 PM
State Capitol, Conference Room 211

in consideration of
SB 1178, SD1
**RELATING TO MAKING AN APPROPRIATION FOR HE'EIA NATIONAL
ESTUARINE RESEARCH RESERVE.**

Chair Tokuda, Vice Chair Dela Cruz, and Members of the Senate Committee on Ways and Means.

The Office of Planning (OP) supports SB 1178, SD1 provided that its passage does not replace or adversely impact priorities indicated in the Executive Budget.

The National Estuarine Research Reserve System (NERRS) is a network of coastal sites designated to protect and study estuarine systems. Established through the Coastal Zone Management Act (16 U.S.C. §§1451-1466), the reserves represent a partnership program between the National Oceanic and Atmospheric Administration (NOAA) and the coastal states. In 2012, OP was designated as the lead agency to coordinate the site selection for a Hawai'i site and resulting nomination process for the He'eia site to be designated as a NERR.

The He'eia site, located on the windward shore of O'ahu and including He'eia State Park, He'eia Fishpond, and the He'eia Community Development District (CDD), as well as marine waters with patch and fringing reefs and Moku o Lo'e (Coconut Island), was chosen as the preferred site after a statewide solicitation period from interested communities. OP supported the designation process through the development of the He'eia National Estuarine Research Reserve Management Plan (Management Plan). On January 19, 2017, the He'eia site was officially designated as the 29th site in the NERRS, which enables federal funding to support the implementation of the Management Plan.

The University of Hawai'i (UH), Hawai'i Institute of Marine Biology is the lead agency for the implementation of the Management Plan with site partners to include: the Hawai'i Community Development Authority (HCDA), the Department of Land and Natural Resources (DLNR), Paepae o He'eia, as well as supporting community organizations such as the Ko'olaupoko Hawaiian Civic Club, Ko'olau Foundation, and Kako'o Oiwi. SB 1178, SD1 would

support the staffing needs of the NERR as outlined in the Management Plan to initiate successful implementation and to meet funding match requirements of the NOAA partnership. OP defers to UH for the specific staffing request to fulfill the State match requirement and necessary staffing support for the operation of the NERR.

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
WAYS AND MEANS

Friday, February 24, 2017
1:30 PM
State Capitol, Conference Room 211

In consideration of
SENATE BILL 1178, SENATE DRAFT 1
RELATING TO MAKING AN APPROPRIATION FOR HE'EIA
NATIONAL ESTUARINE RESEARCH RESERVE

Senate Bill 1178, Senate Draft 1, proposes to appropriate funds for Fiscal Year 2018-2019 for the initial staff necessary to develop and manage the He'eia National Estuarine Research Reserve and its programs. **The Department of Land and Natural Resources (Department) supports this measure provided its passage does not replace or adversely impact priorities indicated in the Executive Budget request.**

This measure, if enacted, would provide initial funding to the University of Hawai'i of \$400,000 to hire four, full-time, permanent employees to develop and manage the He'eia NERR. The Department supported efforts to secure the NERR designation, as federal and state funds will go towards further research on the State's largest estuary in Kāne'ohe Bay. The information that will be discovered about this ecosystem will help us better manage this important resource.

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

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HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS



HAWAII COMMUNITY
DEVELOPMENT AUTHORITY



KAKAKO
KALAELOA

David Y. Ige
Governor

John Whalen
Chairperson

Jesse K. Souki
Executive Director

547 Queen Street
Honolulu, Hawaii
96813

Telephone
(808) 594-0300

Facsimile
(808) 594-0299

E-Mail
contact@hcdaweb.org

Web site
www.hcdaweb.org

STATEMENT OF
JESSE K. SOUKI, EXECUTIVE DIRECTOR
HAWAII COMMUNITY DEVELOPMENT AUTHORITY
BEFORE THE
SENATE COMMITTEE ON WAYS AND MEANS
ON

Friday, February 24, 2017
1:30 P.M.
State Capitol, Conference Room 211

in consideration of
**SB1178, SD1 – MAKING AN APPROPRIATION FOR HE‘EIA NATIONAL
ESTUARINE RESEARCH RESERVE**

Chair Tokuda, Vice Chair Dela Cruz and members of the committee.

This testimony reflects my view alone. The Hawaii Community Development Authority (HCDA) has not acted on SB1178, SD1.

In my capacity as the HCDA Executive Director, I respectfully offer **comments** on SB1178, SD1.

While the HCDA board has not had the opportunity to opine on this bill; the board did vote at its meeting on January 4, 2017 to become a signatory to the He‘eia National Estuarine Research Reserve. The Reserve is a multi-party agreement among the Hawaii Institute of Marine Biology, HCDA, and other organizations. The Reserve enjoys broad community support; therefore, we support the intent of SB1178, SD1 to support the reserve as long as it does not replace priorities requested in the Executive Budget.

Thank you for the opportunity to provide comments on this bill.

Testimony of The Nature Conservancy of Hawai'i
Supporting S.B. 1178 SD1 Making Appropriation for He'eia
National Estuarine Research Reserve
Senate Committee on Ways and Means
Friday, February 24, 2017, 1:30PM, Room 211

The Nature Conservancy of Hawai'i is a private non-profit conservation organization dedicated to the preservation of the lands and waters upon which life depends. The Conservancy has helped to protect nearly 200,000 acres of natural lands in Hawai'i. We manage 40,000 acres in 14 preserves and work in 19 coastal communities to help protect the near-shore reefs and waters of the main Hawaiian Islands. We forge partnerships with government, private parties and communities to protect Hawai'i's important watershed forests and coral reefs.

The Nature Conservancy supports S.B. 1178 SD1 which would provide funding for staffing in support of the He'eia National Estuarine Research Reserve. State funding is anticipated to be matched by \$700,000 in federal funds from the National Oceanic and Atmospheric Administration.

The National Estuarine Research Reserve System (NERRS) partners with states and territories to ensure long-term education, stewardship, and research on estuarine habitats. Atlantic, Gulf, Pacific, Caribbean and Great Lakes reserves advance knowledge and stewardship of estuaries and serve as a scientific foundation for coastal management decisions.

The ahupua'a of He'eia on the island of O'ahu is one of twelve NOAA-designated Sentinel Sites and in January 2017 was designated as the [29th National Estuarine Research Reserve](#). The He'eia NERR encompasses upland forests and grasslands, wetlands, reefs and seagrass beds, as well as Kāne'ohe Bay—the largest sheltered body of water in the Hawaiian Islands. The designation reflects the community's desire to ensure the protection and sustainable management of valued cultural, historical and natural resources. The proposed NERR will also enhance the community's capacity to use scientific information for decision-making, and increase local and national support for research, education, and restoration efforts in the region.

He'eia contains a world-class research institution (Hawai'i Institute for Marine Biology) and multiple community organizations including Ko'olaupoko Hawaiian Civic Club, Ko'olau Foundation, Kāko'o 'Ōiwi, Paepae o He'eia, and the He'eia State Park working together to develop and implement effective management strategies in an entire ahupua'a. Collaboration between these organizations is recognized as necessary because of the interconnected relationship each ecosystem has to another within the He'eia ahupua'a. Any effect up in the mountains will work its way into the wetlands and lo'i (traditional wetland agriculture systems), flow downstream to the loko i'a (fishponds) and eventually into the bay and onto coral reefs.

Ecologically, Kāne'ohe Bay is unique and the opportunity to highlight this special type of estuarine system is unparalleled in Hawai'i. From a research perspective, Kāne'ohe Bay has experienced a history of significant disturbances, from wastewater effluent to invasive algae. However, its variety of corals have shown to be some of the most resilient and able to recover from recent bleaching events around the entire state. This condition may provide insight into how to save other coral reefs around the state from future unfavorable ocean conditions.

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KAMEHAMEHA SCHOOLS®

House Committee on Finance

Time: 1:30 pm
Date: February 24, 2017
Where: Conference Room 211

TESTIMONY

RE: SB1178 SD1 Making an Appropriation for He'eia National Estuarine Research Reserve

Good afternoon Chair Tokuda, Vice-Chair Dela Cruz and members of the Senate Ways & Means committee,

Kamehameha Schools is writing in **support** of SB 1178, SD 1. The bill will provide funds that will help advance the He'eia estuary with science research allowing Hawai'i to learn more about the intersection of the marine and terrestrial environments within the newly established He'eia National Estuarine Research Reserve. This research will provide critical insight into the current and future stewardship of He'eia's near shore and coastal waters, including He'eia fishpond, a traditional resource that has been restored to produce food for Hawai'i.

Mahalo for this opportunity to testify.



KO'OLAUPOKO HAWAIIAN CIVIC CLUB

February 24, 2017

LATE

To: Sen. Jill Tokuda, Chair
Sen. Donovan Dela Cruz, Vice-Chair
Members, Committee on Ways & Means

From: Alice P. Hewett, President
Ko'olaupoko Hawaiian Civic Club

Re: S.B. 1178, S.D. 1, Appropriation for He'eia National Estuarine Research Reserve

Aloha Chair Tokuda, Vice Chair Dela Cruz and Committee Members:

On behalf of the Ko'olaupoko Hawaiian Civic Club, I send you our warm greetings from the Windward side of O'ahu.

We stand in strong support of Senate Bill 1178, S.D. 1, which would provide a match for approximately \$700,000 in federal funding to implement the He'eia National Estuarine Research Reserve.

We are deeply grateful to NOAA and the University of Hawai'i, and our other public and private partners, for agreeing to support this important program to focus collaborative research and education efforts on the ahupua'a of He'eia.

As the largest Native Hawaiian organization in the district of Ko'olaupoko, we are keenly aware of the growing environmental and urban challenges to the conservation and farm lands of our community. He'eia, once a thriving rich agricultural area with hundreds of acres of lo'i kalo, became fallow after centuries of change. To the credit of the Hawai'i Community Development Authority, which holds jurisdiction over the He'eia wetlands, they have leased 400 acres of the area to our community partner Kako'o O'iwi, which is working hard to restore this land to productivity.

This program brings into important tools to research threats and challenges to the area and identify possible solutions to these problems. The ultimate goal, of course, is to make the estuary, the ahupua'a, and the bay healthier and productive for generations to come.

If these efforts are effective in one ahupua'a, they can be replicated in ahupua'a throughout the State of Hawai'i.

We urge your committee to support this appropriation as a wise investment in ensuring a healthy and food-sustainable future for Hawai'i.

Mahalo for this opportunity to share our mana'o.

The Ko'olaupoko Hawaiian Civic Club was established in 1937 and is one of the largest in the Association of Hawaiian Civic Clubs nationwide. Ko'olaupoko HCC is a not-for-profit community organization dedicated to preserving and perpetuating the history, heritage and culture of Native Hawaiians and providing leadership and scholarships. Its membership is open to people of Hawaiian ancestry and those who are "Hawaiian at heart."



UNIVERSITY
of HAWAII®
MĀNOA

Hawai'i Institute of Marine Biology

Robert J. Toonen, Full Research Professor

P.O. Box 1346 • Coconut Island • Kāne'ohe, Hawai'i 96744-1346
Phone: (808) 236-7401 • E-mail: toonen@hawaii.edu • Fax: (808) 236-7443

February 22, 2017

Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB 1178, SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill.

As a faculty member at UH Mānoa, I must first say that I support the prioritization process used by the administration to establish their annual budgetary request to the legislature and can only advocate for additional funding of university programs if it does not negatively impact existing requests that are included in the executive budget.

The establishment of a NERRS in Kāne'ohe Bay was first proposed as one of the recommendations from the Kāne'ohe Bay Master Plan. The successful designation of the He'eia National Estuarine Research Reserve (NERR) last month results from more than two years of collaborative effort from members of the community including, Ko'olaupoko Hawaiian Civic Club, Ko'olaupoko Foundation, Paepae O He'eia, Kāko'o 'Ōiwi and UH's Hawai'i Institute of Marine Biology (HIMB) with the National Oceanic and Atmospheric Administration (NOAA) and the State Office of Planning.

This newest site in the NERR system is unlike any other in the Nation - it is a coalescence of community and culture and research to combine modern science with traditional methods and cultural practices in the hope of restoring a more productive watershed from mauka to makai. Additionally, unlike other federal NERRs, this designation effort has been community led from the beginning. The NERRS will expose the youth of Hawai'i to a broad array of cultural and science concepts from historical and modern land use to ecological knowledge to cutting edge marine biology and will empower the community to restore He'eia with the backing from the State of Hawai'i and Federal funding. Being part of the NERRS, NOAA has made a long-term commitment of federal funds (many sites have had continuous funding for more than 40 years) but that Federal investment requires an annual State match of 30% of the total operating budget.

If SB 1178, SD1 is passed, the State match will come from funding the staff positions required to operate the NERRS site. NOAA mandates a minimum of three core positions and their titles as follows. The first is the Reserve Manager who is responsible for all administrative activities and oversight of the partnership. The second position is the Research Coordinator, who is typically a faculty member at the partner university responsible for designing and implementing the core research on which the Reserve is founded. In this case, the core research question is what constitutes the best management practices for a tropical island estuary such as He'eia. The third required position is the Educational Coordinator, who is responsible for developing and implementing the required educational programs and coordinating the educational efforts of each of the site partners to create a more cohesive and comprehensive educational program. The final position, which is not mandated by NOAA but that we feel would guarantee the long-term success of the site, is the Stewardship and Cultural Resources Coordinator. We also envision this final position as a faculty member charged with the meaningful and effective integration of culture and science at the site, and communication of that integration throughout the State and the national system.

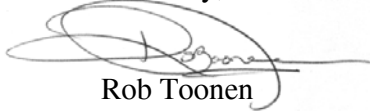
Moku O Lo'e (Coconut Island)
P.O. Box 1346
Kāne'ohe, Hawai'i 96744-1346
Telephone: (808) 236-7401
Fax: (808) 236-7443

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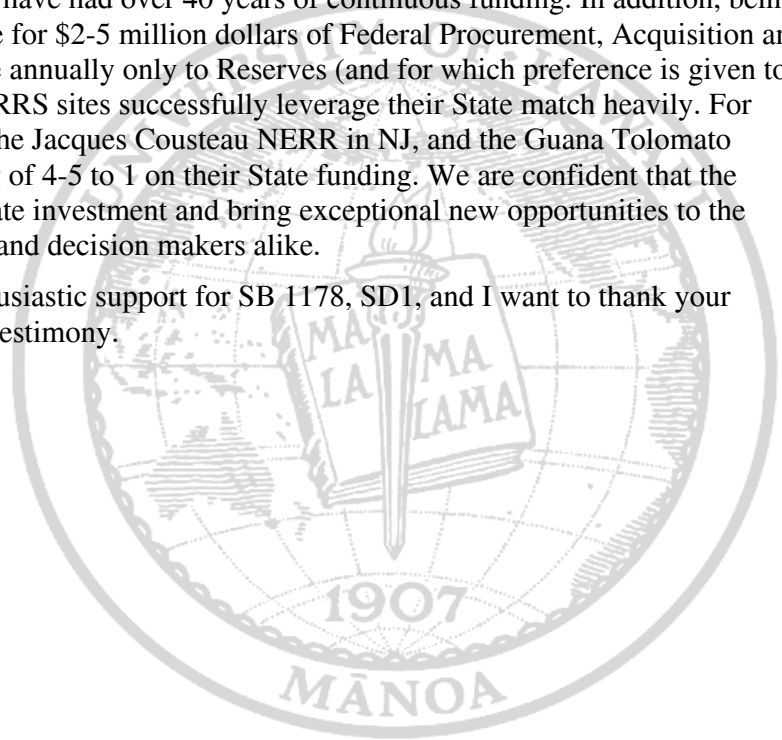
I understand that this measure represents a significant investment by the State, but the benefits and long term returns on this investment will be even more substantial. The amount of the Federal investment is dependent on the number of sites in the system (each obtains an equal share) and the appropriated Federal budget, but NOAA has released their budget to show that the average annual allocation per site over the past 15 years is \$572,355, and the oldest sites in the system have had over 40 years of continuous funding. In addition, being a NERR site provides the ability to compete for \$2-5 million dollars of Federal Procurement, Acquisition and Construction (PAC) funds that are available annually only to Reserves (and for which preference is given to new Reserves). Finally, the majority of NERRS sites successfully leverage their State match heavily. For example, the Hudson River NERR in NY, the Jacques Cousteau NERR in NJ, and the Guana Tolomato Matanzas NERR in FL all report leveraging of 4-5 to 1 on their State funding. We are confident that the He'eia NERR will likewise multiply the State investment and bring exceptional new opportunities to the community, students, teachers, researchers and decision makers alike.

In closing, I would like to reiterate my enthusiastic support for SB 1178, SD1, and I want to thank your committee for the opportunity to offer this testimony.

Sincerely,



Rob Toonen



Moku O Lo'e (Coconut Island)
P.O. Box 1346
Kāne'ohe, Hawai'i 96744-1346
Telephone: (808) 236-7401
Fax: (808) 236-7443

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 22, 2017 9:23 PM
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Cc: iknapp@hawaii.edu
Subject: Submitted testimony for SB1178 on Feb 24, 2017 13:30PM

SB1178

Submitted on: 2/22/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Ingrid Knapp	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort.

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SB1178

Submitted on: 2/22/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Evan Barba	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort.

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SB1178

Submitted on: 2/22/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Zac Forsman	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort. -Zac H. Forsman 2602A Liliha st Honolulu HI, 96817

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SB1178

Submitted on: 2/22/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Erika Johnston	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort.

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Richard Coleman
1022 Prospect St #404
Honolulu, HI 96822

Committee on Ways & Means
Hawaii State Capitol
415 South Beretania St.
Honolulu, HI 96813

RE: Letter of support for SB 1178

14 February 2017

Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means,

I am writing this letter in **support of SB 1178 SD1**, Relating to Making an Appropriation for the He'eia National Estuarine Research Reserve. This reserve provides a unique opportunity for science and traditional knowledge to come together to restore the He'eia watershed. The project will provide a direct benefit the surrounding communities as well as serve as a example to the rest of the nation of how science can be used as a tool to benefit local communities. I ask that you please support the passage of this bill to secure the States match for the Federal funding committed to this effort.

Kind regards,

A handwritten signature in black ink that reads "Richard Coleman". The signature is written in a cursive, flowing style.

Richard Coleman
Ph.D Candidate

From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 23, 2017 3:51 AM
To: WAM Testimony
Cc: puritz@hawaii.edu
Subject: Submitted testimony for SB1178 on Feb 24, 2017 13:30PM

SB1178

Submitted on: 2/23/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Jonathan	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort.

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SB1178

Submitted on: 2/23/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Johanna Wren	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort.

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SB1178

Submitted on: 2/23/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
JAN	Individual	Comments Only	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I strongly support this bill. This reserve will bring together traditional methods of management with modern science to restore the impacted watershed of He'eia. The allocation of 30% State funds will secure the long-term 70% Federal investment, and the project will benefit the community and serve as an example for the nation in the integration of culture and science. Therefore, I ask that your committee support the passage of this bill to secure the State match for the Federal funding committed to this effort.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

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Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, I thank you for this opportunity to provide my personal testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve.

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Sincerely,
Emily Conklin
concline@hawaii.edu

From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 23, 2017 9:57 AM
To: WAM Testimony
Cc: eileen.nalley@gmail.com
Subject: Submitted testimony for SB1178 on Feb 24, 2017 13:30PM

SB1178

Submitted on: 2/23/2017

Testimony for WAM on Feb 24, 2017 13:30PM in Conference Room 211

Submitted By	Organization	Testifier Position	Present at Hearing
Eileen Nalley	Individual	Support	No

Comments: Chair Tokuda, Vice Chair Dela Cruz, and the Senate Committee on Ways and Means, thank you for this opportunity to provide testimony in support of SB1178,SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve. I ask that you act in the best interest of the residents of the state of Hawai'i by supporting this bill. By contributing to the federal funds that have already been designated for the He'eia reserve, the state will be setting a precedent for progressive management strategies. This is also a unique opportunity to unite traditional Hawaiian resource management with cutting edge research to promote the restoration and conservation of the He'eia watershed. Thank you for your time. Eileen Nalley (O'ahu Resident & UH Mānoa PhD Student) eileen.nalley@gmail.com

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Hawai'i State Capitol
415 S. Beretania St
Honolulu, HI 96813

22 February 2017

Chair Tokuda, Vice Chair Dela Cruz, and Senate Committee on Ways and Means,

Thank you so much for the opportunity to provide my personal testimony in support of SB1178, SD1, Making an Appropriation for the He'eia National Estuarine Research Reserve.

As a long-term resident of O'ahu who has worked in the Kāne'ohe Bay region for over a decade, I strongly support bill SB1178, SD1. This project will benefit the Kāne'ohe Bay community and serve as an example for the nation in how the integration of culture and science can bring about impactful results to communities. The reserve will provide a platform to meld traditional methods of management with modern science to help restore the impacted watershed of He'eia.

The allocation of 30% State funds will secure the long-term 70% Federal investment to support this project; therefore, I ask that you support the passage of this bill to secure the State of Hawai'i funding match for the Federal funding committed to this effort.

Respectfully,

A handwritten signature in black ink, appearing to read "Matthew Iacchei". The signature is fluid and cursive, with the first name "Matthew" being more prominent than the last name "Iacchei".

Matthew Iacchei, PhD

NSF Postdoctoral Fellow
University of Hawai'i at Mānoa
Email: Iacchei@hawaii.edu