

DAVID Y. IGE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
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**Testimony of
SUZANNE D. CASE
Chairperson**

**Before the Senate Committee on
WAYS AND MEANS**

**Wednesday, March 2, 2022
10:15 AM**

State Capitol, Conference Room 211 & Videoconference

**In consideration of
SENATE BILL 3330, SENATE DRAFT 1
RELATING TO THE PUPUKEA MARINE LIFE CONSERVATION DISTRICT**

Senate Bill 3330, Senate Draft 1 proposes to require the Department of Land and Natural Resources (Department) to establish and conduct the Pupukeya Marine Life Conservation District (MLCD) carrying capacity pilot program; and appropriates moneys. **The Department supports this measure provided that its passage does not replace or adversely impact priorities indicated in the Executive Budget request.**

The Department's Division of Aquatic Resources (DAR) is leading the "Holomua: Marine 30x30" initiative to improve marine management practices across the state to ensure healthy ecosystems and abundant resources that allow the people of Hawai'i to enjoy coastal waters, support local livelihoods, and feed our families. One of the four pillars of Holomua: Marine 30x30 is monitoring to measure current conditions and track progress following implementation of new management approaches and to use data to identify areas where management actions need to be further adapted.

Recent events such as the extreme flooding in Hā'ena, Kaua'i and the COVID-19 pandemic have provided unique glimpses into how nearshore marine resources respond to reduced human use. It is becoming increasingly evident that activities long considered "non-extractive" can have significant impacts on nearshore ecosystems. It is critical that we better understand these impacts and use thresholds so we can prevent precious and unique areas like Pūpūkea from being loved to death.

DAR estimates that a well-designed carrying capacity pilot program would cost around \$100,000 per year to conduct.

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
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STATE OF HAWAII
DEPARTMENT OF BUDGET AND FINANCE
P.O. BOX 150
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EMPLOYEES' RETIREMENT SYSTEM
HAWAII EMPLOYER-UNION HEALTH BENEFITS TRUST FUND
OFFICE OF THE PUBLIC DEFENDER

ADMINISTRATIVE AND RESEARCH OFFICE
BUDGET, PROGRAM PLANNING AND
MANAGEMENT DIVISION
FINANCIAL ADMINISTRATION DIVISION
OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

WRITTEN ONLY
TESTIMONY BY CRAIG K. HIRAI
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
TO THE SENATE COMMITTEE ON WAYS AND MEANS
ON
SENATE BILL NO. 3330, S.D. 1

March 2, 2022
10:15 a.m.
Room 211 and Videoconference

RELATING TO THE PUPUKEA MARINE LIFE CONSERVATION DISTRICT

The Department of Budget and Finance (B&F) offers comments on this bill.

Senate Bill No. 3330, S.D. 1, establishes the Pupukeya Marine Life Conservation District Carrying Capacity pilot program and appropriates an unspecified sum of general funds for FY 23 to the Department of Land and Natural Resources for the pilot program.

B&F notes that, with respect to the general fund appropriation in this bill, the federal Coronavirus Response and Relief Supplemental Appropriations Act requires that states receiving Elementary and Secondary School Emergency Relief (ESSER) II funds and Governor's Emergency Education Relief II funds must maintain state support for:

- Elementary and secondary education in FY 22 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

Further, the federal American Rescue Plan (ARP) Act requires that states receiving ARP ESSER funds must maintain state support for:

- Elementary and secondary education in FY 22 and FY 23 at least at the proportional level of the state's support for elementary and secondary education relative to the state's overall spending, averaged over FYs 17, 18 and 19; and
- Higher education in FY 22 and FY 23 at least at the proportional level of the state's support for higher education relative to the state's overall spending, averaged over FYs 17, 18 and 19.

The U.S. Department of Education has issued rules governing how these maintenance of effort (MOE) requirements are to be administered. B&F will be working with the money committees of the Legislature to ensure that the State of Hawai'i complies with these ESSER MOE requirements.

Thank you for your consideration of our comments.



*Dedicated to the conservation of coastal and marine environments,
emphasizing stewardship of the natural resources of Hanauma Bay*

To: Senator Donovan M. Dela Cruz, Chair; Senator Gilbert S.C. Keith-Agaran, Vice Chair; and Members of the Committee on Ways and Means (WAM)

Date: Wednesday, March 2, 2022

Time: 10:15 am

Place: Conference Room 221 & Videoconference

Re: STRONG SUPPORT FOR SB3330 SD1 RELATING TO THE PUPUKEA MARINE LIFE CONSERVATION DISTRICT

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and WAM Committee Members,

Friends of Hanauma Bay (FOHB) strongly supports SB3330 SD1 which proposes a three-year pilot program to assess the carrying capacity of certain areas of the Pupukea Marine Life Conservation District (MLCD) to inform the best natural resource management of this sensitive, varied, and much-beloved protected marine environment on North Shore Oahu.

Established in 1983 and expanded in 2003, the Pupukea MLCD receives so many residents and non-resident visitors that a carrying capacity of the anthropogenic stressors impacting this unique MLCD is long overdue.

As we found at Hanauma Bay, a series of carrying capacity surveys focusing on different biological parameters pre-COVID and during its COVID Closure in 2020 were critical to documenting the extent of anthropogenic stressors from overtourism on Hanauma's fragile marine environment. These surveys confirmed the community's long standing concerns about the adverse impacts of overtourism, and led to a renewed commitment to greatly reducing the number of daily visitors, the implementation of a reservation system, reduced visitor hours, and Hanauma's closure to visitors two days a week. These measures help ensure that Hanauma's unprecedented natural resurgence during its COVID closure to visitors is maintained.

Unlike Hanauma Bay, the Pupukea MLCD is open to visitors 24 hours every day of the year which allows for unlimited, unsupervised access to its most sensitive marine ecosystems. Even assuming no intent to harm, there is enough data about serious anthropogenic impacts on sensitive marine environments around the world that merit the implementation of a carrying capacity study of Pupukea.



*Dedicated to the conservation of coastal and marine environments,
emphasizing stewardship of the natural resources of Hanauma Bay*

Further, the Department of Land and Natural Resources Division of Aquatic Resources has a history of strong collaborative engagement with the community and Malama Pupukeya Waimea. This should greatly assist with implementing this much-needed carrying capacity pilot project and ensure the creation of a science-driven natural resource management plan that has full community support.

Mahalo for the opportunity to testify in **strong support of SB3330 SD1.**

With Aloha,

Lisa Bishop
President
Friends of Hanauma Bay



Mālama Pūpūkea-Waimea
Post Office Box 188
Hale'iwa, HI 96712

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Federal Nonprofit Organization
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www.pupukeawaimea.org
info@pupukeawaimea.org

Hearing: Weds., March 2, 2022, 10:15 a.m.

Senator Donovan Dela Cruz, Chair
Senator Gil Keith-Agaran, Vice Chair
Hawai'i State Senate Committee on Ways and Means

Re: SB3330 SD1 – Pūpūkea Marine Life Conservation District

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and Members of WAM,

Mālama Pūpūkea-Waimea (MPW) is a Hawai'i non-profit organization founded on the North Shore of O'ahu in 2005. Our mission is "working to replenish and sustain the natural and cultural resources of the Pūpūkea and Waimea ahupua'a for present and future generations through active community stewardship, education, and partnerships." For eighteen years, we have focused our stewardship and education efforts on the Pūpūkea Marine Life Conservation District (MLCD), one of only three MLCDs on O'ahu and eleven statewide.

First, mahalo nui loa to Chair Dela Cruz for scheduling a WAM hearing on this bill. We are grateful for your leadership.

Second, as the bill explains, sensitive areas of the Pūpūkea MLCD, particularly the Kapo'o Tidepools and Sharks Cove, have become overcrowded by visitors in recent years and this trend is predicted to increase. As the attached photos show, virtually every day of the week, 50-100 people may be walking, snorkeling, and swimming in the shallow tidepool and cove area at any one time. Multiplied by the daylight hours, seven days a week, the human use numbers are likely several thousand each week. This high level of human use in shallow-water habitats essentially means the piko or nursery for marine life of the MLCD is subjected to constant trampling and disturbance.

Detrimental levels of human use – or "anthropogenic impacts" -- are not currently mitigated, resulting in threats to marine life and limiting the use and enjoyment of this protected area by residents. Without a rest period, kapu, or other appropriate restrictions, the Kapo'o Tidepools and Sharks Cove in particular will continue to be degraded, contrary to the State's recognition, in 1983, that this spectacular area deserves the highest level of protection, not to be "loved to death."

Third, now is the ideal time to launch a three-year pilot program under the leadership of the Department of Land and Natural Resources, to: (1) assess the "carrying capacity" (i.e. the impacts to the marine life from anthropogenic uses) of sensitive areas in the MLCD, (2) monitor, document, and assess the effectiveness of mandatory and voluntary kapu or closures, and other potential restrictions, in high traffic areas; and (3) propose long-term natural resource management options to reduce human use impacts, evaluate options for restrictions on access, and (at the same time) increase education of all users to avoid impacts. A report

back to the Legislature in 2026 will help not only the Pūpūkea MLCD but, with appropriate funding and support, could set a statewide model for monitoring and managing similarly threatened nearshore protected areas, fully in line with the goals of the State's 30x30 Holomua Initiative.

In conclusion, MPW fully supports the bill and asks the Committee to move it forward with funding at the level requested by DLNR's Division of Aquatic Resources, which is \$100,000 per year for three years (total \$300,000). Unlike the revenue that supports management and scientific research at Hanauma Bay, the Pūpūkea MLCD has never had dedicated government funding for studies or management. SB3330 would be a fitting start to protecting this MLCD at the level it deserves.

For more information about the Kapo'o Tidepools, please see this story map and short video:

<https://storymaps.arcgis.com/stories/f0e9e87fafc34e9ebe0600a01ebf995d>

https://www.youtube.com/watch?v=2mVHVLr1EUA&ab_channel=BenDuncan

Mahalo nui and best regards,



Denise Antolini
President, MPW

Kapo'o Tidepools, Pūpūkea MLCD





Sharks Cove area of MLCD



Examples of Trampling and Harassment in Kapo'o and Sharks Cove



8 snorkelers pursuing a Honu in shallow waters of Sharks Cove





February 28, 2022

COMMITTEE ON WAYS AND MEANS
Senator Donovan M. Dela Cruz, Chair
Senator Gilbert S.C. Keith-Agaran, Vice Chair

Wednesday, March 2, 2022 at 10:15 AM

Conference Room 211 & Videoconference

**Re: TESTIMONY IN SUPPORT OF HOUSE BILL 3330 SD1 - RELATING TO THE
PUPUKEA MARINE LIFE CONSERVATION DISTRICT.**

Aloha Chair Dela Cruz and Members of the Committee,

Please accept these comments submitted by the Center for Biological Diversity (Center) in **strong support of Senate Bill 3330 SD1**, which would require the Department of Land and Natural Resources (DLNR) to establish and conduct the Pūpūkea Marine Life Conservation District carrying capacity pilot program.

The Center is a non-profit 501(c)(3) membership corporation dedicated to the protection of native, threatened, and endangered species and the habitats they depend on to survive. Through science, policy, and environmental law, the Center is actively involved in conserving marine ecosystems. The Center has more than 88,000 members throughout the United States, including Hawai‘i, with a direct interest in ensuring that imperiled marine ecosystems are properly protected. In pursuit of this mission, the Center has worked extensively to defend ocean ecosystems in Hawai‘i and nationwide from various threats. The Center is highly invested in conserving fragile and impacted Hawaiian coral reef ecosystems and the marine species that depend on them.

The Center’s members and staff have researched and observed the detrimental levels of human use throughout sensitive areas of the Pūpūkea Marine Life Conservation District (MLCD), particularly the Kapo‘o Tidepools and Sharks Cove, which has become over-crowded by visitors.

This three-year pilot program would assess the “carrying capacity” of these sensitive areas in the MLCD, monitor and assess the effectiveness of mandatory and voluntary kapu or area closures, and propose long-term natural resource management options to avoid impacts. There is no better time than now to gather this essential information.

Western science, indigenous knowledge, and community observations all support the finding that the Pūpūkea MLCD has a high level of marine abundance and diversity. It's health is vital to the species and community that depend on it.

The Center humbly asks this committee to **pass SB 3330 SD1** to ensure the Pūpūkea MLCD is protected for generations to come.

Mahalo for your consideration,

/s/ Maxx Phillips

Maxx Phillips, Esq.

Hawai'i Director and Staff Attorney

Center for Biological Diversity

1188 Bishop Street, Suite 2412

Honolulu, Hawai'i 96813

MPhillips@biologicaldiversity.org

SB-3330-SD-1

Submitted on: 2/26/2022 5:45:19 PM

Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Jeffrey & Nanette Dorr	Individual	Support	No

Comments:

First of all we would like to thank Chair Dela Cruz and members of the committee for hearing this bill.

My husband and I have been residents of Pupukea on the North Shore of Oahu for 50 & 40 years respectively. We have 3 adult children who were all born and raised here in Pupukea. Three Tables and Shark's Cove were not only places where they could go to swim, play and explore with their friends but were also integral to their mental and emotional health growing up.

The pristine beauty of the ocean, beaches and the marine life have always been near and dear to both our hearts as well as theirs. Now as they begin to raise their children it has become even more evident that maintaining the health and the beauty of our surroundings is paramount to enabling the generations to come the same opportunity to learn, grow and care for our precious resource.

Sharing our beautiful environment is our pleasure, doing so respectfully and responsibly is our duty.

aloha,

Nanette & Jeff Dorr

SB-3330-SD-1

Submitted on: 2/28/2022 7:44:26 AM

Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Cynthia Punihaole Kennedy	Individual	Support	No

Comments:

Aloha Senators Dela Cruz, Chair; Keith-Agaran Vice-Chair, and members of WAM

I strongly support SB 3330 To establish and conduct the Pūpūkea Marine Life Conservation District carrying capacity pilot program. Unlimited human access to sensitive areas of the MLCD will continue to damage marine life. In 2020 we experienced a rejuvenation of our coral reefs during the Covid Pause. Limiting the access by a carrying capacity pilot program will continue the healing of this sacred *Wahi Pana*.

SB-3330-SD-1

Submitted on: 2/28/2022 1:59:11 PM

Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Ellie S. Jones	Individual	Support	No

Comments:

To the hearing committee for SB3330,

My name is Ellie Jones and I testify in support of this bill as a marine scientist, conservationist, diver, fisher, and science communicator living on O‘ahu.

Shark's Cove and the Kapo‘o tide pools within the Pūpūkea Marine Life Conservation District house an abundance of marine life. Due to the presence of rocks that serve as a barrier between the cove and the open ocean, this habitat protects and provides space for important species native to Hawai‘i, including but not limited to coral, limu, fishes, sea turtles, and sharks. However, the rocky barrier enclosing the pools also makes it a more accessible area for humans to reach, even when ocean conditions on the rest of the north shore are dangerous, such as during the winter months when high surf is commonplace. Consequently, the tide pools and cove are subject to human visitation almost every single day of the year.

Constant human presence in shallow rocky tide pools is detrimental to marine life. Visitors step on and trample coral and limu, especially visitors who are not aware that coral is an animal and think instead that it might be a rock to stand on. Even visitors who are educated about coral and limu could accidentally step on it in such a shallow environment. I believe that the ocean and its natural habitats ought to be open to the public to experience and be educated about the beauty and importance of the marine environment, and I am an advocate for accessibility to these areas, but when human access goes unchecked, it can damage these wonderful ecosystems irreversibly. Coral is a slow-growing, vulnerable animal and can take years to recover from trampling. Limu, or algae, is a faster-growing species but is still killed quickly by foot traffic.

I believe strongly that the best way to continue to allow human access to these beautiful and important locations is to conduct a human carrying capacity study. This will allow us to see the amount of people that the tide pools can host each day without causing irreversible damage. After all, if we want the areas to stay open for our own enjoyment and to continue to drive revenue from tourism to the area, don't we want these environments to be healthy far into the future rather than ruined in our near lifetimes by overuse? The way to avoid either complete destruction to the environments or a full closure of the area is to conduct a study focusing on carrying capacity, so I urge you to pass this bill. It is very timely that we conduct this survey in the moment that the world is beginning to open up again after the COVID-19 pandemic, since the islands will surely see an increased influx of visitors as countries around the world open again to tourism.

Finally, I appeal to your understanding of the corals and algae in these tide pools as vital to the continued wellbeing of Hawai'i's future. Coral acts as a natural barrier to damage from incoming storms and large swells. Algae provides food for commercially important fish species as well as people living on the islands. These marine ecosystems are intricately connected to thriving life on the islands, and it is imperative that we continue to protect them into the future. Please take this testimony as evidence of the importance of a carrying capacity study for the Pūpūkea Marine Life Conservation District.

Thank you for your time and consideration,

Ellie S. Jones



Testimony Before The
Senate Committee on Ways and Means
IN SUPPORT OF SB 3330 SD 1
March 2, 2022, 10:15AM, Room 211

My name is Kevin Chang and I am the Executive Director of Kua'āina Ulu 'Auamo (or KUA). KUA works to empower grassroots rural and Native Hawaiian mālama 'āina groups to celebrate their places and pass on their traditions to better Hawai'i and achieve 'āina momona— an abundant, productive ecological system that supports community well-being.

KUA supports SB 3330 SD 1 as an incremental step towards 'āina momona.

KUA employs a community-driven approach that currently supports statewide networks of more than 36 mālama 'āina community groups collectively referred to as E Alu Pū (moving forward together), 40 fishpond projects and practitioners called the Hui Mālama Loko I'a, and a growing hui of over 60 Limu practitioners.

A cherished network member is Mālama Pūpūkea-Waimea (MPW), a Hawai'i non-profit organization founded on the North Shore of O'ahu in 2005 with a mission of “working to replenish and sustain the natural and cultural resources of the Pūpūkea and Waimea ahupua'a for present and future generations through active community stewardship, education, and partnerships.” MPW has a record of exemplary community leadership in co-management and co-governance bringing awareness to their community and our state of the significance of the resources of the Pūpūkea Marine Life Conservation District (MLCD).

We support this bill which creates a three year pilot program to address natural resource impact issues currently being observed and experienced by MPW and the greater north shore region to: (1) assess the “carrying capacity” (i.e. the impacts to the marine life from anthropogenic uses) of sensitive areas in the MLCD, (2) monitor, document, and assess the effectiveness of mandatory and voluntary kapu or closures, and other potential restrictions, in high traffic areas; and (3) propose long-term natural resource management options to reduce human use impacts, evaluate options for restrictions on access, and (at the same time) increase education of all users to avoid impacts. If fully supported we believe lessons from this pilot could inform statewide approaches to monitor and manage similarly threatened nearshore protected areas, fully in line with the goals of the State's 30x30 Holomua Initiative.

The communities we work with are committed to ensuring the long-term health of our biocultural resources because they have depended on them for generations. We believe our environment is about long-term investing and vision. We believe the vision of 'āina momona our communities hold, includes collaborative innovative pilot projects like this which can serve as a model for improved environmental care.

Mahalo for this opportunity to testify in support.

Aloha 'Āina Momona.



3/2/2022

WAM Committee
Hawai'i State Capitol
Honolulu, Hawai'i 96813

Dear Chair Dela Cruz, Vice Chair Keith-Agaran and members of the Senate Committee on Ways and Means,

Position: Support SB3330.

The Surfrider Foundation is a national nonprofit organization dedicated to the protection and enjoyment of our ocean, waves, and beaches. Surfrider maintains a network of over 150 chapters and academic clubs nationwide, including 4 chapters in the Hawaiian Islands. The Surfrider Foundation focuses on many aspects of the environment such as coastal protection, plastic pollution, and water quality.

We support this bill which creates a three year pilot program to address natural resource impact issues currently being observed at the Pūpūkea marine life conservation district (MLCD) to: (1) assess the "carrying capacity" (i.e. the impacts to the marine life from anthropogenic uses) of sensitive areas in the MLCD, (2) monitor, document, and assess the effectiveness of mandatory and voluntary kapu or closures, and other potential restrictions, in high traffic areas; and (3) propose long-term natural resource management options to reduce human use impacts, evaluate options for restrictions on access, and (at the same time) increase education of all users to avoid impacts. If fully supported, we believe lessons from this pilot could inform statewide approaches to monitor and manage similarly threatened nearshore protected areas, fully in line with the goals of the State's 30x30 Holomua Initiative.

As the bill explains, sensitive areas of the Pūpūkea MLCD, particularly the Kapo'o Tidepools and Sharks Cove, have become overcrowded by visitors in recent years and this trend is predicted to increase. Virtually every day of the week, 50-100 people may be walking, snorkeling, and swimming in the shallow tidepool and cove area, impacting this piko or nursery for marine life of the MLCD and nearby areas. Detrimental levels of human use – or "anthropogenic impacts" – are not currently mitigated, resulting in threats to marine life and limiting the use and enjoyment of this protected area by residents. Without a rest period, kapu, or other appropriate restrictions, the Kapo'o Tidepools and Sharks Cove in particular will continue to be degraded.

Thank you for your consideration of this testimony in support of SB3330, submitted on the behalf of the Surfrider Foundation's 4 Chapters in Hawai'i and all of our members who live in the state and visit to enjoy the many coastal recreational opportunities offered by all of the islands' coastlines.

Sincerely,

Camile Cleveland
Volunteer Policy Coordinator
Surfrider Foundation, O'ahu Chapter

SB-3330-SD-1

Submitted on: 2/28/2022 8:44:45 PM

Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Roberts Leinau	Individual	Support	No

Comments:

to **WAM Chair Donovan Dela Cruz, Vice Chair Keith-Agaran, and the Members of the Committee.**

Comments: Some of our popular nearshore waters are literally being loved [stressed] to death. SB3330 is an important opportunity to explore better ways of protecting an important sensitive area. As a long term regular recreational visitor to the Pupukea Marine Life Conservation area I can testify first hand that the Kapo'o tide pool needs more support than it currently receives. Watching degradation is both unconscionable and unethical. We all need to work toward how to improve our natural assets. Anthropomorphic impacts need to be quantitatively assessed in the context of appropriate carrying capacity. Mahalo for your support

SB-3330-SD-1

Submitted on: 2/28/2022 10:47:56 PM

Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Jenny Yagodich	Individual	Support	No

Comments:

Aloha Chair Dela Cruz, Vice Chair Keith-Agaran, and the Senate Committee in Ways and Means,

Mahalo for your support of SB3330 SD1.

The Kapo‘o Tidepools area of the Pūpūkea Marine Life Conservation District is an important shallow-water habitat for marine life including fish, corals, limu, turtles, sharks, seals, and so much more. Unfortunately, however, this fragile area within the marine sanctuary is subject to an increasing and unregulated number of users. In addition to negative cumulative impacts, the constant trampling is resulting in a dramatic decline in the health and abundance of marine life in a place that is set aside for fish and other marine species to grow and reproduce. SB3330 SD1 will require DLNR to establish and conduct a much-needed biological carrying capacity and we are in full support.

We know you share in our commitment to protect Hawai‘i’s sensitive marine areas and we thank you for supporting SB3330 SD1.

Mahalo!

SB-3330-SD-1

Submitted on: 3/1/2022 9:45:02 AM

Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Larry McElheny	Individual	Support	No

Comments:

Aloha

Please support this very important Bill. It wil help to protect one of Oahu’s most valuable coastal resources.

Mahalo,

Larry McElheny

(808) 237-9354

LATE

SB-3330-SD-1

Submitted on: 3/1/2022 2:45:35 PM
Testimony for WAM on 3/2/2022 10:15:00 AM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Andrea Woods	Individual	Support	No

Comments:

Dear WAM Chair Donovan Dela Cruz, Vice Chair Keith-Agaran, and the Members of the Committee,

I support this marine life impact carry capacity study, plus a pilot program to try various closures and analyze fee scenarios. The pilot program is a great idea and that the **\$300k is well justified**. This study is necessary in order to correlate frequent human usage to overall health of the reef and surrounding waters.

Aloha,

Andrea Woods