

SB3036

SB3036



Submit Testimony

Measure Title: RELATING TO BEACH MANAGEMENT FOR THE NORTH SHORE OF OAHU.

Report Title: North Shore of Oahu; Beach Management Plan; University of Hawaii Sea Grant College Program; Appropriation (\$)

Description: Appropriates funds to the University of Hawaii sea grant college program to conduct a study and create a north shore beach management plan for the north shore of Oahu.

Companion:

Package: None

Current Referral: WTL/HRE, WAM

Introducer(s): HEE

<u>Sort by Date</u>		Status Text
1/23/2014	S	Introduced.
1/23/2014	S	Passed First Reading.
1/27/2014	S	Referred to WTL/HRE, WAM.
1/31/2014	S	The committee(s) on WTL/HRE has scheduled a public hearing on 02-10-14 1:15PM in conference room 225.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

Testimony of
WILLIAM J. AILA, JR.
Chairperson

Before the Senate Committee on
WATER AND LAND
and
HIGHER EDUCATION

Monday February 10, 2014
1:15 pm
State Capitol, Conference Room 225

In consideration of
SENATE BILL 3036
RELATING TO BEACH MANAGEMENT FOR THE NORTH SHORE OF OAHU

Senate Bill 3036 proposes to appropriate funds to the University of Hawaii Sea Grant College Program (UH Sea Grant) to conduct a study and create a beach management plan for the north shore of Oahu. **The Department of Land and Natural Resources supports this bill provided that its passage does not replace or adversely impact priorities indicated in our Executive Budget request.**

This legislation endeavors to improve understanding and management of beach resources along the fifteen-mile stretch of coastline from Haleiwa to Kahuku Point, which is of primary importance to state residents and visitors from around the world for its beautiful beaches, world-class surf breaks, and marine resources.

As you know, part of the Department's mission is to manage coastal areas and ocean resources through the Department's Office of Conservation and Coastal Lands (OCCL). A recent study by University of Hawaii and United States (US) Geological Survey researchers¹ finds the 73% of beaches along the north shore of Oahu are undergoing a long-term trend of beach erosion (shoreline retreat). The threat of seasonal erosion and inundation during large waves may be an even greater hazard along many north shore beaches. Management and conservation of north shore beaches is further challenged by a legacy of concentrated development too close to hazard-prone shorelines, as well as impacts from intensive public use. Frequency and severity of coastal

¹ Fletcher, C.H., *et al.*, 2012, National assessment of shoreline change: Historical shoreline change in the Hawaiian Islands: U.S. Geological Survey Open-File Report 2011-1051, 55 p.

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

ESTHER KIAAINA
FIRST DEPUTY

WILLIAM M. TAM
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

erosion and coastal flooding events will only increase with increasing rates of sea level rise in the coming decades.

The Department has been especially busy with beach management efforts on the north shore over the last several months with a series of highly publicized coastal erosion events in the Sunset Beach area. The Department is working closely with local residents and county and federal agencies to coordinate and authorize short-term solutions to manage these erosion problems, while also working to protect public beach and marine resources.

The Department, county, and federal agencies that share regulatory oversight of the north shore, as well as the local community and property owners would greatly benefit from improved scientific information on beach processes through a coordinated, community-supported beach management plan guiding future beach management efforts.

The Department has worked closely with UH Sea Grant for over 10 years in support of the OCCL Coastal Lands Program. Collaborative efforts between the Department and UH Sea Grant include development of the Kailua Beach and Dune Management Plan in 2010. UH Sea Grant is ideally suited to develop a north shore beach management plan as a neutral broker and due to the organization's affiliations with UH researchers and expertise in community extension and outreach.

While the Department strongly supports the overall intent of this measure, we recommend that the proposed legislation be amended to clarify the scope and wording of the bill in the following ways:

1. Limit the geographic scope of the plan to focus on the heavily-used beaches between Waimea Bay and Velzyland (Waiale'e Beach);
2. In addition to the need for participation from the local community, emphasize the need for improved scientific data on short-term (seasonal to decadal) and long-term (decadal to century) beach dynamics on the north shore within the plan to support science-based decision making pertaining to management options, including:
 - a) An updated detailed examination of historical beach changes for the region utilizing existing databases of aerial photographs and historical shoreline positions available from the UH Coastal Geology Group;
 - b) Measurement of seasonal sediment transport directions and volumes through a monthly beach profile (topographic) surveying program; and
 - c) Forecasting and mapping coastal erosion hazard areas using existing methods developed by UH School of Ocean and Earth Science and Technology researchers, considering a range of sea level rise scenarios.
3. Remove specific mention of "condemnation of beachfront property and structures" (page 4, line 14). This is just one of a broad range of long-term management and adaptation options that should be discussed in the plan;

4. Request that the plan include discussion of short and long-term beach management options, such as:

- a) temporary and emergency erosion management;
- b) beach and dune management techniques based on sediment transport,
- c) shoreline public access management and foot traffic control,
- d) beach and dune nourishment,

and longer-term coastal land use strategies, such as:

- a) shoreline protection and erosion management,
- b) shoreline setbacks, rolling easements, and land acquisition,
- c) public park expansion, land swaps and transfer of development rights,
- d) disaster recovery plans and other innovative means to adapt to coastal hazards and climate change.

5. Remove specific mention of “bike path planning” (page 4, line 17). While the Department supports the concept of a bike path connecting the north shore region, the Department feels this is beyond the scope of a typical beach management plan and probably warrants its own study.

Thank you for the opportunity to testify on this measure.



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
Senate Committee on Water and Land
Senate Committee on Higher Education
Monday, February 10, 2014 at 1:15 pm

By

E. Gordon Grau, PhD, Director
and

Dolan Eversole, Extension Agent
Sea Grant College Program
University of Hawai'i at Mānoa

SB 3036 – RELATING TO BEACH MANAGEMENT FOR THE NORTH SHORE OF OAHU

Chairs Solomon and Taniguchi, Vice Chairs Galuteria and Kahele, and members of the committees:

The UH Sea Grant strongly supports SB3036 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 legislation endeavors to improve the scientific understanding and sustainable management of beach resources along North Shore of O'ahu from Hale'iwa to Kahuku Point. This heavily used coastal stretch is world renown for its beautiful beaches, world-class surf breaks, and marine resources and warrants a dedicated regional beach and dune management plan to conserve and sustainably manage this unique area.

The North Shore community has expressed strong interest and support for a beach management plan. The development of a regional beach management plan requires the support and participation of the community in order to ensure successful implementation of priority management strategies. In this respect UH Sea Grant also supports and encourages the planned "community conversations" to discuss the objectives of the plan and allow an opportunity for the community to share their comments, ideas and concerns for the management of this community resource.

SB3036 intends to support the development of a coastal processes study and create a north shore beach management plan, with substantial community and stakeholder input, over a two-year period. The University of Hawai'i is well positioned to carry this out and has successfully developed similar beach and dune management plans in Hawai'i including the [Kailua Beach and Dune Management Plan](#) and the [Beach Management Plan for Maui](#).

While UH Sea Grant strongly supports the overall intent of SB3036, we recommend that the proposed legislation be amended as follows:

1. Consider prioritizing the development of the management plan into distinct geographic segments or coastal sediment “cells” so the plan may focus on the most heavily-used beaches for example, Waimea Bay to Velzyland (Waiale‘e Beach).
2. Suggest the plan include discussion of both short and long-term beach management options.
3. Remove reference to condemnation of private property in the bill.
4. Delete reference to bike path planning, coastal setbacks and connecting the coastline of Turtle Bay to Hale‘iwa (Lines 17 to 19) as this may be beyond the initial scope of a beach management plan.

Thank you for the opportunity to testify on this measure.

Denise Antolini

59-463 Alapi`o Road Pūpūkea, O`ahu 96712
(808) 554-7215 antolinid@gmail.com

Hearing on SB3036

Senate Committees on Water and Land (WAL) & Higher Education (HRE)
Hearing: Feb. 10, 2014, 1:15 pm Conference Room 225

Dear Chair Solomon, Chair Taniguchi, Vice-Chair Galuteria, Vice-Chair Kahele, and Committee Members:

I write in **STRONG SUPPORT OF SB3036** introduced by Senator Clayton Hee. This bill will support and fund a North Shore Beach Management Plan under the leadership of the University of Hawai‘i Sea Grant College.

The combination of climate change impacts such as sea level rise and coastal erosion have already been particularly damaging to this “northwest” facing stretch of the North Shore, from Hale‘iwa to Kahuku, which has world famous surf and beaches.

Stretches of Kamehameha Highway near the beach in this area are already obviously undermined and experience wash-over in high surf/tides. Several private homes at Ke Nui Road have recently been hit by high surf events and more heart-breaking impacts on beachfront homeowners are surely coming in the future. More important, the beach itself -- a public trust asset that belongs to everyone -- has substantially narrowed in many areas and is not proactively or adequately managed for the long-term. Reacting to acute damage situations with short-term solutions such as hardening the shoreline or seawalls will only lead to further disaster for the common resource.

A NSBMP would ultimately save considerable time and money for the state, city, and community by coordinating and integrating city-state-community planning efforts along this shoreline. The plan can help us all respond to climate impacts and provide a useful planning tool for mitigating over-development of the coastline, for ensuring continued public access to sustainable coastlines, and for increasing the resilience of the invaluable public amenities already along this scenic area (e.g., utilities, lifeguard stations, support parks, comfort stations, recreational access points, bike paths, parking areas).

Sea Grant has considerable expertise in this area, having completed the Kailua Beach and Dune Management Plan in 2010 and is well positioned to lead this community planning effort, which can become a model for future collaborative efforts in other beach areas statewide.

It’s time to be *proactive* to protect Hawai‘i’s critical beaches and coastlines. The NSBMP will be a major step forward for all of us.

Thank you for the opportunity to testify.

Testimony Presented Before the
Senate Committee on Water and Land
Senate Committee on Higher Education
Monday, February 10, 2014 at 1:15 pm

Dolan Eversole

SB 3036 - RELATING TO BEACH MANAGEMENT FOR THE NORTH SHORE OF O‘AHU

I support SB3036. This legislation endeavors to improve the scientific understanding and sustainable management of beach resources along North Shore of Oahu from Haleiwa to Kahuku Point. This heavily used coastal stretch is world renown for its beautiful beaches, world-class surf breaks, and marine resources and warrants a dedicated regional beach and dune management plan to conserve and sustainably manage this unique area.

The North Shore community has expressed strong interest and support for a beach management plan. The development of a regional beach management plan requires the support and participation of the community in order to ensure successful implementation of priority management strategies. In this respect, I also support and encourage the planned “community conversations” to discuss the objectives of the plan and allow an opportunity for the community to share their comments, ideas and concerns for the management of this community resource.

SB3036 intends to support the development of a coastal processes study and create a north shore beach management plan, with substantial community and stakeholder input, over a two-year period. The University of Hawai‘i is well positioned to carry this out and has successfully developed similar beach and dune management plans in Hawai‘i including the [Kailua Beach and Dune Management Plan](#) and the [Beach Management Plan for Maui](#).

While I strongly support the overall intent of SB3036, I recommend that the proposed legislation be amended as follows:

1. Consider prioritizing the development of the management plan into distinct geographic segments or coastal sediment “cells” so the plan may focus on the most heavily-used beaches for example, Waimea Bay to Velzyland (Waiale‘e Beach).
2. Include discussion of both short and long-term beach management options.
3. Remove reference to condemnation of private property in the bill.
4. Delete reference to bike path planning, coastal setbacks and connecting the coastline of Turtle Bay to Haleiwa (Lines 17 to 19) as this may be beyond the initial scope of a beach management plan.

Thank you for the opportunity to testify on this measure.

From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: lucky@hawaii.rr.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Sunday, February 09, 2014 10:46:16 PM

SB3036

Submitted on: 2/9/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Lucky Cole	Individual	Support	Yes

Comments: Aloha My hope is that UH's Coastal Engineering Dept. will be involved in the study to address practical challenges preserving private and public assets from erosion in the next few decades. Passive policies which focus only on retreat strategies need to be balanced with proactive strategies to preserve and restore the shoreline. The funding should also include the UH Coastal Engineering as well as the Sea Grant program. Mahalo

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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To: [WTLTestimony](#)
Cc: angelavideotron@gmail.com
Subject: *Submitted testimony for SB3036 on Feb 10, 2014 13:15PM*
Date: Monday, February 10, 2014 12:22:54 AM

SB3036

Submitted on: 2/10/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Angela Breene	Individual	Support	No

Comments:

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To: [WTLTestimony](#)
Cc: nimboy44@aol.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Saturday, February 01, 2014 6:06:22 PM

SB3036

Submitted on: 2/1/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

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

Comments: I strongly support this proposal.

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From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: carolphilips1@gmail.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Wednesday, February 05, 2014 10:45:27 PM

SB3036

Submitted on: 2/5/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
Carol Philips	Individual	Support	No

Comments: Dear Honorable Committee Chairs, Senator Malama Solomon, Senator Brian T. Taniguchi and Committee Members; As a 30 year resident of the North shore, I write in strong support of this legislation because the North Shore of Oahu has the most wave activity of all the shores on the island and it's beaches and shorelines are enjoyed in mass by area residents, locals from around the island and visitors from around the world. A small amendment would be to extend the area to be studied to include the shore line out to Kaena Point. Respectfully, Carol Philips

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To: [WTLTestimony](#)
Cc: gwachtel@hotmail.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Monday, February 03, 2014 3:44:17 PM

SB3036

Submitted on: 2/3/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
glenn wachtel	Individual	Support	No

Comments: I am a resident of Sunset Beach and I fully support this Bill in its present form.

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Cc: icalkins@hawaii.rr.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Friday, February 07, 2014 9:52:54 PM
Attachments: [.-lock.DEMOCRATIC PARTY LINE.odt#](#)

SB3036

Submitted on: 2/7/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
IRA CALKINS	Individual	Support	No

Comments: IRA CALKINS GOVERNMENTAL RESEARCHER 730 Captain Cook Ave Unit 426 Honolulu, Hawaii 96813-2161 Your actions will prove my statements of the following to be a fact and true. The Democratic Party Line has taken away the voice of the people in the making of laws, taxation with out representation in the State of Hawaii. It appears the Hawaii State Legislators are being blackmailed in to voting the Democratic party line, or the Democratic Party will not support the State of Hawaii Legislator in the next state wide election. It does not matter what the people think, the Democratic Party has already decided for us on all bills before the State of Hawaii Legislature . The chairman's in all committee meetings has a script to follow that the Speaker of the House, and the Speaker of the Senate has given the Committee Chairs to follow, to instruct the committee how to vote on a any given measures, all Bills in all committees of the State of Hawaii Legislature. It is determined ahead of time by the Democratic Party members how a committee member will vote when staying with the party line on any given Bill in the State of Hawaii Legislature, Democracy has been taken away from the tax payers in the State of Hawaii. Ira Calkins Honolulu 4696434 or 3498667 FAX 808-545-4707 Washington D.C. 202-697-9782

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Senator Malama Solomon, Chair
Senator Brickwood Galuteria, Vice Chair
Committee on Water and Land

S.B. No. 3036, Relating to Beach Management for the North Shore of Oahu

Monday, February 10, 2014
1:15 p.m., Conference Room 225

My name is Kaila Chock-Nihi. I strongly support S.B. No. 3036, Relating to Beach Management for the North Shore of Oahu, which would give the University of Hawaii funds to conduct a study in order to create a beach management plan.

People should be able to help and follow a beach management plan in order to help take care of the shores and reefs to help preserve what native species are left. On the beach is a big amount of trash that eventually ends up in the ocean and in many of the fish and other species which causes them to die. Another thing is the rubbish that ends up on the reef and suffocates the coral destroying the reef.

In the expanding development we are suffocating the reefs with rubbish and that is not a result that should be allowed to happen. I encourage and the committee to pass S.B. No. 3036. Thank for this opportunity.

Kaila Chock-Nihi
Email: kacn99@hawaiiantel.net

From: mailinglist@capitol.hawaii.gov
To: [WTLTestimony](#)
Cc: bpacker@maui.net
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Saturday, February 08, 2014 11:19:19 AM

SB3036

Submitted on: 2/8/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

Submitted By	Organization	Testifier Position	Present at Hearing
SharLyn Foo	Individual	Support	No

Comments: It is about time something is done to protect the North Shore coastline. It is one of our greatest resources and tourist destinations. It should be an embarrassment to our city and county and state officials that they cannot work together for the good of any community.

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To: [WTLTestimony](#)
Cc: Caitlynres808@gmail.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Monday, February 03, 2014 7:05:24 AM
Attachments: [~\\$Bill.docx](#)

SB3036

Submitted on: 2/3/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

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

Comments: Please look into the cause

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Cc: ahuntemer@aol.com
Subject: Submitted testimony for SB3036 on Feb 10, 2014 13:15PM
Date: Sunday, February 02, 2014 6:36:04 PM

SB3036

Submitted on: 2/2/2014

Testimony for WTL/HRE on Feb 10, 2014 13:15PM in Conference Room 225

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

Comments: Yes Please set up a shoreline management study for our North Shore beaches. We should ensure that setbacks are increased, and native shoreline vegetation restored. Mahalo.

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