

SB 1046

DAVID Y. IGE
Governor

SHAN S. TSUTSUI
Lt. Governor



State of Hawaii
DEPARTMENT OF AGRICULTURE
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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 SENATE COMMITTEES ON ENERGY AND ENVIRONMENT, WATER
AND LAND, AND AGRICULTURE**

February 6, 2015
2:45 P.M.
ROOM 224

**SENATE BILL NO. 1046
RELATING TO INVASIVE SPECIES**

Chairpersons Gabbard, Thielen, and Ruderman and Members of the Committees:

Thank you for the opportunity to testify on Senate Bill No.1046. This bill appropriates funding to the Hawaii Invasive Species Council and the department to support their efforts to combat invasive species impacts in Hawaii. The Department supports this bill provided it does not affect the priorities within the Administration's budget.

An average of about twenty five new immigrant species of insects become established in Hawaii each year. A number of these are invasive species have the potential to or do cause significant economic damage to the State once established. The department has current response projects to control, eradicate and prevent the further movement of coconut rhinoceros beetle, little fire ant, coffee berry borer, nettle caterpillar, and fireweed. Many of these projects involve the collaboration of multiple agencies and tap significant resources. As an example, the project to eradicate coconut rhinoceros beetle involves collaboration among HDOA, DLNR, USDA, US-FWS and UH with an annual budget of \$2.5 million. USDA is providing \$1.4 million and the State the



other \$1.1 million. The appropriation described in this bill to address prevention, control, response, and eradication of invasive species will be critical in the States efforts to combat these invasive pests.

Thank you for the opportunity to present testimony.

DAVID IGE
GOVERNOR OF HAWAII



CARTY S. CHANG
INTERIM CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DANIEL S. QUINN
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STATE PARKS

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

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Testimony of
CARTY S. CHANG
Interim Chairperson

Before the Senate Committees on
ENERGY AND ENVIRONMENT
and
WATER AND LAND
and
AGRICULTURE

Friday, February 6, 2015
2:45 PM
State Capitol, Conference Room 224

In consideration of
SENATE BILL 1046
RELATING TO INVASIVE SPECIES

Senate Bill 1046 would support invasive species prevention, control, research, and outreach by appropriating from the general revenues of the State of Hawaii \$6,000,000 for interagency invasive species projects under the direction of the Hawaii Invasive Species Council (HISC), \$2,000,000 to the Hawaii Department of Agriculture (HDOA) for increased capacity for its prevention efforts, and \$100,000 to the Legislative Reference Bureau to update its 2002 study, "Filling the Gaps in the Fight Against Invasive Species." **The Department of Land and Natural Resources (Department) notes that the Executive Biennium Budget request includes \$4,000,000 for interagency invasive species prevention and control projects. As such, the Department supports this bill provided that its passage does not replace or adversely impact priorities indicated in the Executive Biennium Budget request.**

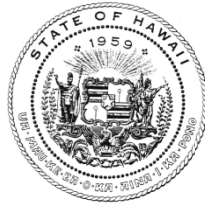
The Department is the administrative host of the interagency Hawaii Invasive Species Council (HISC), and is an active partner in the control of invasive species from mauka to makai. In Fiscal Year 2015, the Legislature provided \$5,750,000 to the HISC to develop an interagency spending plan. After receiving \$10,400,000 in requests, the HISC approved funding towards 42 projects including county-level detection and control programs, a little fire ant canine detection pilot program, interagency response to the coconut rhinoceros beetle infestation, and biocontrol research for invasive plants including albizia, miconia, and Himalayan ginger. As an island State operating as both a global transportation hub and tourist destination, invasive species are a continuous problem for Hawaii. Projects supported by the HISC apply for funds annually, but typically require multiple years of support in order to reach their project objectives.

The Department also notes that the investment by the legislature in invasive species prevention and control has been economically beneficial to the State. A 2002 Legislative Reference Bureau study, "Filling the Gaps in the Fight Against Invasive Species," estimates the prevention and control cost for Hawaii at \$50,000,000. Comparatively, the economic impacts from invasive species are extremely high. Just one species, the brown tree snake (*Boiga irregularis*), is estimated to cause as much as \$2,140,000,000 annually in medical costs, lost tourism, and damage to electrical infrastructure in Hawaii should it become established (Shwiff et al. 2010). The brown tree snake, which has decimated Guam's native bird species, has been intercepted several times in Hawaii but has failed to establish a population here. The invasive plant *Miconia calvescens* is estimated to cost Hawaii \$672,000,000 annually in lost groundwater recharge and damage to native bird habitats (Burnett 2007). Investments by the HISC have helped limit the spread of miconia, and ongoing research into potential biocontrol agents represent our best chance at effectively controlling this species.

With regard to the appropriation to the HDOA described in SECTION 3 of this measure, the Department notes that the HDOA has undertaken multiple detection and rapid response efforts in recent years to combat the spread of little fire ant and coconut rhinoceros beetle. These intensive efforts have strained the HDOA's ability to maintain its regular duties for inspection and pest control. The Department supports the appropriation described by this measure to provide additional resources to the HDOA in responding to invasive species.

With regard to the portion of this measure directing the Legislative Reference Bureau to update its 2002 study, "Filling the Gaps in the Fight Against Invasive Species," the Department notes that the 2002 report was instrumental in shaping the State's strategy for invasive species prevention, control, research, and outreach. This report remains the State's most thorough analysis of invasive species programs and the costs associated with preventing and controlling invasive species. As the report is now 13 years old and there have been many changes in invasive species distributions and the resources available to address invasive species problems, the Department strongly supports updating this study. The Department further notes that in 2014 the interagency HISC adopted Resolution 14-2: "Requesting a Legislative Reference Bureau Study to Update the 2002 Report Titled 'Filling the Gaps in the Fight Against Invasive Species'."

The Department appreciates the opportunity to provide these comments.



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TESTIMONY
OF
SARAH ALLEN, ADMINISTRATOR
STATE PROCUREMENT OFFICE

TO THE SENATE COMMITTEES
ON
ENERGY AND ENVIRONMENT,
WATER AND LAND, AND
AGRICULTURE
February 6, 2015, 2:45 P.M.

SENATE BILL 1046
RELATING TO INVASIVE SPECIES

Chairs Gabbard, Thielen, and Ruderman; Vice-Chairs Green, Galuteria and Riviere; and members of the committees, thank you for the opportunity to submit testimony on SB1046.

The State Procurement Office (SPO) understands the intent of this bill, but opposes Section 4(b) wherein an exemption from the Hawaii Public Procurement Code (HRS 103D) would be granted to the Legislative Reference Bureau for any contracts for services to perform any economic modeling or any related service to support the efforts of this bill.

The Code is the single source of public procurement policy to be applied equally and uniformly, while providing fairness, open competition, a level playing field, government disclosure and transparency in the procurement and contracting process vital to good government.

Public procurement's primary objective is to provide everyone equal opportunity to compete for government contracts, to prevent favoritism, collusion, or fraud in awarding of contracts. To legislate that any one entity should be exempt from compliance with HRS chapter 103D conveys a sense of disproportionate equality in the law's application.

Exemptions to the code mean that all procurements made with taxpayer monies within Section 4(b) of this Act, will not have the same oversight, accountability and transparency requirements mandated by those procurements processes provided in the code. It means that there is no requirement for due diligence, proper planning or consideration of protections for the state in contract terms and conditions, nor are there any set requirements to conduct cost and price analysis and market research or post-award contract management. As such, the Legislative Reference Bureau can choose whether to compete any procurement or go directly to one contractor. As a result, leveraging economies of scale and cost savings efficiencies found in the consistent application of the procurement code are lost. It also means the Bureau is not required to adhere to the code's procurement integrity laws.

The National Association of State Procurement Officials state: "Businesses suffer when there is inconsistency in procurement laws and regulations. Complex, arcane procurement rules of numerous jurisdictions discourage competition by raising the costs to businesses to understand and comply with these different rules. Higher costs are recovered through the prices offered by a smaller pool of competitors, resulting in unnecessarily inflated costs to state and local governments."

When public bodies, are removed from the state's procurement code it results in the harm described above. As these entities create their own procurement rules, businesses are forced to track their various practices.

Each year new procurement laws are applied to state agencies causing state agency contracts to become more complex and costly, while other public bodies, such as agencies with strong legislative influence, are exempted. Relieving some public bodies from some laws by exempting or excluding them from compliance with a common set of legal requirements creates an imbalance wherein the competitive environment becomes different among the various jurisdictions and the entire procurement process becomes less efficient and more costly for the state and vendors.

As such, the SPO opposes the exemption from HRS 103D proposed in Section 4(b) of this Act.

Thank you.



COORDINATING GROUP ON
ALIEN PEST SPECIES

The Senate
Committee on Energy and Environment
Committee on Water and Land
Committee on Agriculture
February 6, 2015
2:45 p.m., Conference Room 224
State Capitol

Testimony in Support of SB 1046

Aloha Chairs Gabbard, Thielen, and Ruderman, Vice Chairs, and Members of the Committees,

The Coordinating Group on Alien Pest Species (CGAPS) **strongly supports SB 1046, *Relating to Invasive Species***, which appropriates funds for statewide prevention, rapid response, control, research, and outreach projects via the Hawai‘i Invasive Species Council (HISC); appropriates additional funds for the Hawai‘i Department of Agriculture (HDOA) for rapid response and interisland prevention work; and directs the Legislative Reference Bureau to update its 2002 study, “Filling the Gaps in the Fight Against Invasive Species.”

HISC support has been crucial in so many ways, but I thought I would share with you just one: little fire ants (LFA). The 1999 discovery of LFA on the Big Island was terrible. Even worse were the discoveries that unfolded in the months and years to come. The ant was already present in large numbers on too many properties, and there was no registered pesticide for use when infestations were in fruit crops. There was also no method for applying pesticides to treetops, where these ants lived. The pesticide trials, research and development for application methods, and the federal and state registration process are time-consuming and onerous work. Further, HDOA did not have the staff or resources to focus on this one area, nor any available positions for this within the department.

HISC funding from 2008 and 2009 helped attract renowned ant expert Dr. Cas Vanderwoude to Hawai‘i to start the Hawai‘i Ant Lab, which is a University of Hawai‘i Pacific Cooperative Studies Unit Project, based at the HDOA Hilo office. Thanks to the solid work of Cas and his team, we have in place the ability to use a variety of effective pesticides, the application tools, and the experience that we need to eradicate LFA in the known infestations on Oahu and Lāna‘i. HISC funding for the Invasive Species Committees has allowed the ISCs to help HDOA and Hawai‘i Ant Lab in surveying for, and treating infestations. And without HISC support, we—all of the partners working on this—would not be attempting to eradicate LFA from 20+ acres of Nahiku forest on Maui.

Mahalo nui loa for the 2002 “Filling the Gaps” study, which helped highlight the problems and possible solutions, and mahalo for your help in finding and allocating funds for this important work. We respectfully ask your support SB 1046. Mahalo for your consideration.

Aloha,
Christy Martin
CGAPS



Testimony of the O'ahu Invasive Species Committee
Supporting S.B. 1046 Relating to Invasive Species
Senate Committees on Energy and Environment, Water and Land and Agriculture
Friday, February 6, 2015, 2:45PM, Room 224

The O'ahu Invasive Species Committee (OISC) supports S.B.1046 that would provide funding to the Hawai'i Invasive Species Council, the Hawai'i Department of Agriculture and directs the Legislative Reference Bureau to update the 2002 report, "Filling the Gaps in the Fight Against Invasive Species". Invasive species damage Hawai'i's agriculture and food security and the native forests that ensure Hawai'i's water supply. The funding from S.B.1046 will be critical to ensure that that incipient invasive species can be quickly controlled and that established species can be successfully managed.

The O'ahu Invasive Species Committee works island-wide to remove incipient invasive species from O'ahu before they become so abundant that they begin to damage ecosystems. OISC employs 17 people that conduct early detection, systematically survey and remove incipient invasive plants, assist the Department of Agriculture to survey and control for vertebrates and invertebrates and educate the public about how special Hawai'i's biota is and how to protect it. We have benefitted from HISC funds for many years and we thank the Legislature for their continued support in the fight against invasive species. The state money OISC receives is highly leveraged with county and federal funds.

OISC has stopped the spread of miconia on O'ahu; since 2008 mature trees have declined to five or less each year. However in the past five years, new species such as Cape ivy and devil weed that are known to disrupt ecosystem function have been discovered. Little fire ant continues to spread and coconut rhinoceros beetle has arrived on O'ahu. Adequately funding the fight against invasive species so that state agencies and organizations like OISC can rapidly respond to new incursions will keep Hawai'i's unique biota intact for future generations and protect the natural resources on which Hawai'i's economy depends.

Thank you for your support.

Sincerely,
The O'ahu Invasive Species Committee



Testimony of the Maui Invasive Species Committee
Before the Committee on Energy and Environment
Committee on Water and Land
Committee on Agriculture
SB 1046 – Relating to Invasive Species
Conference Room 224
February 6, 2015, 2:45PM

The Maui Invasive Species Committee (MISC) supports S.B. 1046, which would provide funding for the Hawaii Invasive Species Council (HISC), for rapid response capacity at the Hawaii Department of Agriculture (HDOA), and would require and fund an update to the study on invasive species prepared by the Legislative Reference Bureau (LRB). Each of the components of the bill should be high priorities for the legislature.

Last year, HISC had a budget of \$5.75 million but had more than twice that in requests for funding. Many worthy and needed projects were not able to be funded or projects were funded at less than the requested amount. FY15 funding is helping the Invasive Species Committees (ISCs) return to a functional level after years of cutbacks. The ISCs continue to provide island-wide rapid response functions for species that make it past our quarantine system, including coqui frogs, and little fire ants, working in close partnership with state, local and federal agencies. Some ISCs, such as the Molokai Invasive Species Committee have finally been able to add staff. It would be a huge step backward to lose trained staff and momentum with a decrease in funding. Over the last 12 months, Maui has seen a significant increase in new detections of little fire ant infestations on the island, including the largest wildland site outside of Hawaii Island. MISC is diverting much of its existing capacity to help work on these new infestations. It would be disastrous to suffer a loss in capacity at this critical juncture.

The Hawaii Department of Agriculture has long suffered from inadequate staffing. The proposed funding would allow HDOA to quickly hire new staff to increase capacity. Current HDOA staff goes above and beyond to try and address species such as coconut rhinoceros beetle, coffee berry borer, and little fire ants. They are beyond taxed and need additional resources to fulfill their statutory mandates.

An update to the LRB study is sorely needed so that the State can independently quantify what is at stake and what is needed to adequately address the problem of invasive species on a statewide level.

Respectfully submitted,

Teya M. Penniman
Manager, Maui Invasive Species Committee



Written Comments

SB1046
RELATING TO INVASIVE SPECIES

Comments by the Legislative Reference Bureau
Charlotte A. Carter-Yamauchi, Acting Director

Presented to the Senate Committees on Energy and the Environment,
Water and Land, and Agriculture

Friday, February 6, 2015, 2:45 p.m.
Conference Room 224

Chairs Gabbard, Thielen, and Ruderman and Members of the Committees:

Good afternoon Chairs Gabbard, Thielen, and Ruderman and members of the Committees, my name is Charlotte Carter-Yamauchi and I am the Acting Director of the Legislative Reference Bureau. Thank you for providing the opportunity to submit written comments on S.B. No. 1046, Relating to Invasive Species.

The purpose of this bill is to:

- (1) Provide funds to the Department of Land and Natural Resources, as administrative host of the Hawaii Invasive Species Council, for the immediate protection of Hawaii's environment and economy and the health and lifestyle of its people through the support of invasive species prevention, control, research, outreach, and planning;
- (2) Provide moneys and staffing capacity to the Department of Agriculture, with assistance and advice from the other member departments of the Hawaii Invasive Species Council, to prevent the introduction of new pests to Hawaii and to prevent the spread of pests between islands; and
- (3) Provide moneys and direct the Legislative Reference Bureau to update its 2002 study titled "Filling the Gaps in the Fight Against Invasive Species."

While the Legislative Reference Bureau takes no position on this measure, we submit the following comments pertaining to the portion of the bill that mandates the Bureau to update its 2002 invasive species study.

The bill requires the Bureau to ". . . update its 2002 study "Filling the Gaps in the Fight Against Invasive Species;" . . . to the extent necessary to describe the present scope of the invasive species problem in Hawaii; economic and other costs to Hawaii; health and safety issues; state, federal, county and non-government roles and responsibilities; gaps and leaks in prevention and response systems; and, recommendations for policy, programs and funding to address invasive species."

When the Bureau conducted its 2002 study, one of its recommendations was to establish a state invasive species administrator/coordinator position to spearhead the State's invasive species mitigation and eradication efforts. In response to this recommendation, the Legislature established the Hawaii Invasive Species Council in 2003, pursuant to Act 85, Session Laws of Hawaii 2003, as an alternate means of coordinating interagency efforts to mitigate and eradicate invasive species.

According to section 194-2(a)(4), Hawaii Revised Statutes, some of the duties of the Council are to:

- (1) Maintain a broad overview of the invasive species problem in the State;
- (2) Advise, consult, and coordinate invasive species-related efforts with and between the Departments of Agriculture, Land and Natural Resources, Health, and Transportation, as well as state, federal, international, and privately organized programs and policies;
- (3) Identify and prioritize each lead agency's organizational and resource shortfalls with respect to invasive species;
- (4) After consulting with appropriate state agencies, create and implement a plan that includes the prevention, early detection, rapid response, control, enforcement, and education of the public with respect to invasive species, as well as fashion a mission statement articulating the State's position against invasive species;
- (5) Coordinate and promote the State's position with respect to federal issues;
- (6) Identify and record all invasive species present in the State;
- (7) Designate the Department of Agriculture, Health, or Land and Natural Resources as the lead agency for each function of invasive species control, including prevention, rapid response, eradication, enforcement, and education;
- (8) Identify all state, federal, and other moneys expended for the purposes of the invasive species problem in the State;

- (9) Identify all federal and private funds available to the State to fight invasive species and advise and assist state departments to acquire these funds;
- (10) Advise the Governor and Legislature on budgetary and other issues regarding invasive species;
- (11) Provide annual reports on budgetary and other related issues to the Legislature twenty days prior to each regular session;
- (12) Include and coordinate with the counties in the fight against invasive species to increase resources and funding and to address county-sponsored activities that involve invasive species;
- (13) Review state agency mandates and commercial interests that sometimes call for the maintenance of potentially destructive alien species as resources for sport hunting, aesthetic resources, or other values;
- (14) Review the structure of fines and penalties to ensure maximum deterrence for invasive species-related crimes;
- (15) Suggest appropriate legislation to improve the State's administration of invasive species programs and policies;
- (16) Incorporate and expand upon the Department of Agriculture's weed risk assessment protocol to the extent appropriate for the Council's invasive species control and eradication efforts; and
- (17) Perform any other function necessary.

In reviewing these statutory duties of the Council, it would seem that most of the issues that are identified to be updated now fall under the ongoing responsibilities of the Hawaii Invasive Species Council and, consequently, updating these would be a redundant and unnecessary act performed by the Bureau. We believe that the only aspects of the 2002 study that do not fall under the current jurisdiction of the Hawaii Invasive Species Council, and thus could benefit from an updated review, are the economic and other costs to Hawaii and the health and safety issues components.

Accordingly, to avoid any redundancy of effort and maximize the efficient use of the Bureau's limited resources on the Legislature's behalf, we respectfully request the measure be amended to narrow the scope of update to cover only the economic and other costs to Hawaii and the health and safety issues components of the 2002 study.

Thank you again for this opportunity to provide written comments.



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Written Testimony Presented Before the
Senate Committee on Energy and the Environment
And
Senate Committee on Water and Land
And
Senate Committee on Agriculture
Friday, February 6, 2015 at 2:45pm
By
Robert Bley-Vroman, Chancellor
And
Maria Gallo, Dean
And
J. Kenneth Grace, Associate Dean
University of Hawai'i at Mānoa

SB 1046 – RELATING TO INVASIVE SPECIES

Chairs Gabbard, Thielen and Ruderman, Vice Chairs Green, Galuteria and Riviere, and members of the Senate Committee on Energy and the Environment, Senate Committee on Water and Land, and Senate Committee on Agriculture, we respectfully submit testimony in support of SB 1046, which appropriates moneys to DLNR and DOA for addressing issues relating to invasive species; and requires the LRB to update the economic and environmental costs component of its 2002 study on invasive species.

Invasive species pose significant threats to agriculture, natural resources, and human and animal health and well-being in Hawai'i. A recent study by the Department of Agriculture reported an average of 24 new insect species introduced to Hawai'i each year. In addition, invasive plant species threaten our native forests (e.g., miconia), and animal health (e.g., fire weed). Many of the resources of the University of Hawai'i, particularly in the College of Tropical Agriculture and Human Resources (CTAHR) and the Pacific Cooperative Studies Unit (PCSU) at the University of Hawai'i at Mānoa, are dedicated to combating these threats.

As a member of the Hawai'i Invasive Species Coordinating Council, the University of Hawai'i supports the actions recommended in SB 1046. The 2002 study of the impact of invasive species in Hawai'i performed by the Legislative Reference Bureau has provided a solid basis for state action for over a decade, but needs to be updated to reflect the current situation. Although we recognize that numerous measures are introduced each session to appropriate funding to different agencies and for different specific purposes within the overall scope of invasive species prevention and management, this is a direct reflection of the complex nature of the problem and the need for multiple approaches and actions that are beyond the scope of a single group or agency.

Thank you for the opportunity to testify in support of SB 1046.



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February 6, 2014

HEARING BEFORE THE
SENATE COMMITTEE ON ENERGY AND ENVIRONMENT
SENATE COMMITTEE ON WATER AND LAND
SENATE COMMITTEE ON AGRICULTURE

TESTIMONY ON SB 1046
MAKING AN APPROPRIATION FOR INVASIVE SPECIES PREVENTION,
CONTROL, OUTREACH, RESEARCH, AND PLANNING

Room 224
2:45 PM

Aloha Chair Gabbard, Chair Thielen, Chair Ruderman, and Members of the Committees:

I am Christopher Manfredi, President of the Hawaii Farm Bureau (HFB). Organized since 1948, the HFB is comprised of 1,932 farm family members statewide, and serves as Hawaii's voice of agriculture to protect, advocate and advance the social, economic and educational interest of our diverse agricultural community.

HFB is in strong support of SB 1046, which appropriates moneys to DLNR and DOA for addressing issues relating to invasive species and requires LRB to update the economic and environmental costs component of its 2002 study on invasive species.

Invasive species have become one of the most devastating problems impacting Hawaii. Many invasive species are damaging Hawaii's environment and economy. Agriculture has a vested interest in this matter. Agriculture suffers when invasive species are introduced. Every year, numerous new pests are introduced into the State, such as the coqui frog, coffee berry borer, macadamia felted coccid, little fire ant, coconut rhinoceros beetle, small hive beetle and varoa mite, to name a few. Control measures take time to develop, leaving farmers and ranchers at risk. This is not consistent with the State's goal of increasing self sufficiency and sustainability.

Proper funding for DOA and HISC is critical for protection of Hawaii's environment and economy and the health and lifestyle of its people through the support of invasive species prevention, control, research, outreach, and planning.

Thank you for the opportunity to comment on this measure.

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: darakawa@lurf.org
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Thursday, February 05, 2015 12:06:21 AM

SB1046

Submitted on: 2/5/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
David Z. Arakawa	Land Use Research Foundation of Hawaii	Support	No

Comments: LURF Supports SB 1046, which appropriates moneys to DLNR and DOA for addressing issues relating to invasive species. SB 1046 also requires LRB to update the economic and environmental costs component of its 2002 study on invasive species.

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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The Nature Conservancy, Hawai'i Program
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Testimony of The Nature Conservancy of Hawai'i
Supporting S.B. 1046 Relating to Invasive Species
Senate Committee on Energy and Environment
Senate Committee on Water and Land
Senate Committee on Agriculture
Friday, February 6, 2015, 2:45PM, Room 224

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 in these islands depends. The Conservancy has helped to protect nearly 200,000 acres of natural lands in Hawai'i. Today, we actively manage more than 35,000 acres in 11 nature preserves on Maui, Hawai'i, Moloka'i, Lāna'i, and Kaua'i. We also work closely with government agencies, private parties and communities on cooperative land and marine management projects.

The Nature Conservancy supports S.B. 1046.

Invasive weeds, insects, diseases, snakes, and other pests are one of the greatest threats to Hawaii's economy, agriculture, natural environment, and the health and lifestyle of its people. With favorable conditions and limited competition, non-native species arrive in the Hawaiian islands to find an easy environment in which to thrive.

The Hawai'i Invasive Species Council (HISC) provides a comprehensive, statewide approach to invasive species policy and funding including prevention, early detection, control, research and education programs. This effort necessarily results in important coordination, collaboration, and prioritization amongst government agencies and partners based on a variety of issues including human health, safety and well-being, economic and agricultural harm, and the threat to the health and function of the natural environment.

Also, evidence from Hawai'i and around the world shows that preventing new pest establishment is exponentially more economical than eradicating a pest or, even worse, controlling it indefinitely once it becomes established. When a pest does get through prevention systems, there is often a relatively short period of time when detection and delimiting surveys, rapid response, and implementation of protocols and systems is critical to stop the movement of the pest and, if at all possible, eradicate it.

This bill proposes important funding for both the broad scope of invasive species programs supported by the Hawai'i Invasive Species Council as well as the critical targeted response by the Department of Agriculture and its partners to incipient pest infestations. We appreciate that this measure takes a comprehensive approach to providing significant and consistent funding to address the full range of invasive species needs as well as asking the LRB to update its 2002 assessment of the scope, status and costs of the problem.

Thank you for this opportunity to offer our support for this bill.

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**Testimony of Hawai'i Green Growth
In Support of SB 1046 Relating to Invasive Species**

**Senate Committee on Energy & Environment
Senate Committee on Water & Land
Senate Committee on Agriculture**

6 February 2015, 2:45pm, Room 224

Audrey Newman
Hawai'i Green Growth
P.O. Box 535 Ho'olehua, Hawai'i 96729

Hawai'i Green Growth is a voluntary partnership of more than 70 state, county, federal, business, and non-governmental leaders from energy, food production, natural resources, waste reduction, planning, green jobs, and other sectors who have come together to support a shared statewide commitment and tangible actions toward sustainability and a model green economy.

Aloha Chairs, Vice Chairs, and Members of the Committee:

Hawai'i Green Growth (HGG) supports SB 1046 to appropriate critical funding to the Department of Land and Natural Resources and Department of Agriculture for addressing issues relating to invasive species. This bill also requires a Legislative Reference Bureau study to update the economic and environmental costs component of its 2002 study on invasive species.

HGG strongly supports \$6 million annually in general funds to maintain interagency project funding by the Hawai'i Invasive Species Council (HISC) to manage priority invasive species threats on all the islands. Invasive species are a cross cutting issue that threatens the health of Hawai'i's people, economy and ecosystems. They also reduce our ability to withstand impacts from climate change. State leadership and funding are essential for rapid, coordinated and cost-effective response to current and future threats. The recent spread of the Little Fire Ant is just one example of the severe consequences that invasive pest species can have on us all.

Hawai'i was one of the first states to establish an effective interagency Hawai'i Invasive Species Council to provide a comprehensive statewide approach to address the broad impact of invasive species (Act 85 in 2003) and to support active Invasive Species Committees (ISCs) on each island, HISC has been used as a model across the Pacific island region and globally. The Legislature recognized the need for coordinated, holistic and ongoing leadership on this issue. Now is the time to give HISC and partners sufficient support to protect Hawai'i today and in the future.

As a partnership representing Hawai'i's leaders in environment, food and energy, HGG asks for your support of **SB1046**, which is an important investment in Hawai'i's future.

Mahalo nui for your consideration,

A handwritten signature in black ink that reads "Audrey Newman".

Audrey Newman

Senior Advisor, Hawai'i Green Growth (HGG)

Bringing leaders together to achieve sustainability in Hawai'i & be a model for a green economy

<http://www.hawaii greengrowth.org>

From: [Maka"ala Kaaumoana](#)
To: [ENETestimony](#)
Subject: SB 1046
Date: Thursday, February 05, 2015 9:30:25 AM

Aloha Chairs Gabbard, Thielen and Ruderman,

The Hanalei Watershed Hui has focused our work over the past decade on water quality and mauka assessment. We now know three things for sure.

1. Invasives destroy native forests and cause sediment.
2. Sediment is mud and no good for reefs and fish.
3. Healthy reefs and fisheries will be the key to community resilience and economic stability in Hawaii.

We strongly support SB 1046 and SB 544.

Me ka pono,
Makaala

Maka'ala Ka'aumoana
Executive Director
Hanalei Watershed Hui
P.O.Box 1285
Hanalei, HI 96714
808-826-1985
808-346-5458 cell
808-431-4444 fax
Skype makaala9
www.hanaleiwatershedhui.org

The Hanalei Watershed Hui mission is to support and protect the ecology, cultures and sustainable economies of Hanalei.



This email has been checked for viruses by Avast antivirus software.

www.avast.com



**Conservation Council
for Hawai'i**

Hawai'i's voice for wildlife

Kō Hawai'i / leo no nā holoholona lōhiu



Testimony Submitted to the
Senate Committees on Energy and Environment, Water and Land, and Agriculture
Hearing: Friday, February 6, 2015 2:45 pm, Room 224

In Support of SB 1046 Relating to Invasive Species

Aloha. The Conservation Council for Hawai'i supports SB 1046, which appropriates moneys to DLNR and DOA for addressing issues relating to invasive species, and requires LRB to update the economic and environmental costs component of its 2002 study on invasive species.

Invasive species negatively affect the environment, the economy, and our quality of life. They threaten human health and native wildlife. They harm and they kill. We need to spend more money preventing invasive species from taking over our islands. There has never been enough money to do so, and we see the results of that "penny-wise, but pound-foolish" practice of underfunding invasive species control. We can pay now or pay much more later when invasive species spread.

We urge the legislature to appropriate a total of at least \$50,000,000 annually to address invasive species in Hawai'i as estimated by the legislative reference bureau study "Filling the Gaps in the Fight Against Invasive Species. Here is a photograph of invasive ants swarming a sooty tern chick on Kure. Please kokua!

Mahalo nui loa for the opportunity to testify.

Sincerely,

Marjorie Ziegler

Marjorie Ziegler



Conservation Council for Hawai'i is a nonprofit, environmental membership organization dedicated to protecting native Hawaiian plants, animals, and ecosystems for future generations. Established in 1950 and based in Honolulu, CCH is one of the largest and most effective wildlife organizations in Hawai'i with more than 5,000 members and supporters, including concerned citizens, educators, scientists, government agencies, and elected officials.

Through research, education, service, organizing, and legal advocacy, CCH works to stop the destruction of native wildlife and wild places in Hawai'i.

Since 1973, CCH has served as the Hawai'i state affiliate of the National Wildlife Federation.

Telephone/Fax: 808.593.0255 | email: info@conservehi.org | web: www.conservehi.org

P.O. Box 2923 | Honolulu, HI 96802 | Office: 250 Ward Ave., Suite 220 | Honolulu, HI 96814

President: Hannah Kihalani Springer | Vice-President: Julie Leialoha | Treasurer: Bianca Isaki | Secretary: Wayne Tanaka

Directors: Rick Barboza | Ryan Belcher | Maka'ala Ka'auomoana | Koalani Kaulukukui

Executive Director: Marjorie Ziegler | Administrator: Jonnetta Peters



From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: legechair@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 11:45:07 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Simon Russell	Hawaii Farmers Union United	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: malamaopuna@yahoo.com
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Wednesday, February 04, 2015 2:18:25 PM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Rene Siracusa	Malama O Puna	Support	No

Comments: Supporting this bill will help DLNR and DOA to make long needed changes and updates - and these tools will help us fight invasive species. For example, it is critical for government to know just how much these invasions are costing us - not only in actual eradication costs but also all the side effects such as crop loss, loss of viable farmland, extinction of native species and impact on quality of life (coqui frog, LFA). How can we plan cost-effective responses if we don't know what the costs are? DOA also needs to revise its Noxious Weed List, which is long overdue. Some of the plants that are the most egregious villains are not on the list. Malama O Puna's recent experience with red mangrove has demonstrated that the previously determined geographical limitation is inaccurate. It under-estimates what good funding and a dedicated workforce can accomplish. There is no need to throw up our hands in despair and say "this infestation has grown too large for control efforts to work, so let's just ignore the problem." DOA said that about red mangrove and Malama O Puna has eradicated it from the Big Island. Let's not give up too soon. Funding SB1046 will be a good start. Mahalo.

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: adam.lottig@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Wednesday, February 04, 2015 9:41:50 PM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

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

Comments:

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Testimony of *Amy Tsuneyoshi*
Supporting S.B. 1046 Relating to Invasive Species
Senate Committees on Energy & Environment, Water & Land, and Agriculture
Friday, February 6, 2015, 2:45PM, Room 224

I support S.B. 1046 to provide funding for invasive species control.

Hawaii is under constant barrage of invasive species hitching a ride into the State and establishing footholds. The recent influx of invasive species such as coconut rhinoceros beetle and little fire ant, in addition to persistent invasive species such as Miconia shows how vulnerable Hawaii is to these threats. New invasive species coming to the islands are increasing by the day and funding for the Invasive Species Committees and agricultural inspectors on each island needs to increase to keep up with these growing threats. It takes constant vigilance and detection to prevent these threats from entering and constant control to eradicate them once they arrive.

Once established, these invasive species can create havoc to our native forests which are essential to recharge our groundwater aquifers. Hawaii's drinking water is mainly from groundwater aquifers, which are replenished by rainfall and cloud/fog moisture captured by healthy forests. Without these healthy watersheds, our drinking water supply is in jeopardy. I recognize the need for the protection and on-going stewardship of our precious natural resources by targeting detrimental invasive species.

I have been working in the conservation field for over 14 years at one of the county water departments to help protect these important watersheds. I partner with the Waianae and Koolau Mountains Watershed Partnerships as well as the Oahu Invasive Species Committee to ensure these watersheds are being protected. Constant management is needed to combat the threats that impact the health of the forests such as fire, invasive species, and erosion.

This bill proposes to provide additional funding for invasive species control that will help protect our native forests, which are the source of nearly all the islands' supply of fresh water and are essential to cultural and recreational resources. The watershed partnerships and invasive species programs supported with state funds are leveraged several times over with matching funds from county, federal and private sources help to ensure healthy, managed natural resources that are essential to Hawaii.

Thank you for your support.

Sincerely,

Amy Tsuneyoshi

From: Andrea@Lhwrp.org
To: [ENETestimony](#)
Subject: Sb1046
Date: Friday, February 06, 2015 8:58:02 AM

Aloha,

I would like to support SB 1046. The invasive species work being supported in this bills critical for protecting our native forests and the water, biological, cultural, and economic resources they contain. Invasive species threaten our native ecosystems, have significant economic impacts on our ranchers and agricultural producers, and our watersheds.

Mahalo,

Andrea Buckman
Project Coordinator
Leeward Haleakala Watershed Restoration Partnership

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: begoniabarry@gmail.com
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Tuesday, February 03, 2015 9:25:18 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara Barry	Individual	Support	No

Comments: I strongly support this Bill especially in light of the Little Fire Ants showing up on Maui. Mahalo, Ms. Barbara Barry

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: bettylynn.moulton@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Wednesday, February 04, 2015 10:08:45 AM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Betty Lynn Moulton	Individual	Support	No

Comments:

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From: [KISC Project Manager](#)
To: [ENETestimony](#)
Subject: SB 1046 invasive species funding
Date: Thursday, February 05, 2015 1:16:46 PM

I would like to offer my support for SB 1046. as manager of the Kauai Invasive Species Committee I oversee ten employees dedicated to guarding Kauai from new pest species and eradicating those species that are feasible to do so. We have contained and mostly eradicated infestations of little fire ant, miconia and coqui frogs. This bill is critical for maintaining our capacity and is as fundamental to land management as regularly changing oil is for your car's engine .

Mahalo,

Bill Lucey KISC Manager

--

Bill Lucey
Kauai Invasive Species Committee
Project Manager
7370 K Kuamoo Rd
Kapaa, HI 96746
W (808) 821-1490
C (907) 209-6500

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: makena42@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 10:02:22 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Courtney Turner	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: ihemphi@live.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 9:08:27 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Denise Key	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: mauifaith@gmail.com
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Tuesday, February 03, 2015 11:37:52 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Faith Ewbank	Individual	Support	No

Comments: Please SUPPORT SB1046 to secure funds necessary to work on invasive species in Hawai'i. This is a particularly important item and task as Maui tries to deal with the fire ant and the existing issues as well. Sincerely, Faith Ewbank

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: likowallace@ymail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 10:28:17 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Faye L Wallace	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: jkimof@msn.com
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Thursday, February 05, 2015 10:34:02 AM

SB1046

Submitted on: 2/5/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
james Kimo Falconer	Individual	Support	No

Comments: Please support this bill for watershed protection Mahalo James K. Falconer

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: jsimpliciano@me.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Wednesday, February 04, 2015 2:53:59 AM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
james simpliciano	HFUU, HTF	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: kapulena@gmail.com
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Wednesday, February 04, 2015 6:15:39 AM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Worchel	Individual	Support	No

Comments: My neighbors and I strongly support funding efforts to prevent and eradicate invasive species. The consequences of invasive species on agricultural are immense. New invasive species, such as the little Hawaiian Fire Ant, have the potential to devastate our way of life. Please provide funding support the prevention, control and eradication of invasive species before we all suffer from our lack of action.

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: olindaorganicfarm@hawaiiantel.net
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 9:25:15 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Jeff Lind	Individual	Support	No

Comments:

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From: [Jill LaBram](#)
To: [ENETestimony](#)
Subject: Supporting S.B. 1046
Date: Wednesday, February 04, 2015 9:36:14 PM

Testimony of Jill LaBram
Supporting S.B. 1046

I support S.B. 1046 to provide general funds to HISC programs, HDOA invasives response, and updating LRB invasives study.

I am an employee with the West Maui Mountains Watershed Partnership and I know how crucial it is to monitor and control invasive species. They are a huge threat to our native forested watersheds, which are the source of fresh drinking water to all the people of Hawai'i. Healthy and diverse Hawaiian forests that are not degraded by invasive species act like a sponge by collecting rain and cloud moisture and delivering it to our aquifers and streams. The native forests are also an essential cultural and recreational resource for locals as well as tourists. Nature is the foundation of Hawai'i's tourism industry. If we don't support invasive species programs and response, this could have a huge effect on our economy. Native forests also help prevent erosion. Without these forests intact, erosion can increase thereby allowing more runoff into our streams and ocean, which in turn can smother coral reefs and affect all organisms living in that ecosystem. Our diverse ocean life provides jobs, livelihoods, recreation and food for our families.

If there are little fire ants on all of our beaches, who would want to come visit? If the little fire ants spread to our farms, this will be devastating to our entire agriculture community. If the ocean is constantly clouded with sediment, who would want to swim or snorkel? Everything is connected and invasive species can and will have a huge detrimental effect on all of us who are proud to call Hawai'i home as well as all those visitors that plan their whole lives to come to Hawai'i. Preventing the introduction and spread of invasive species is our first line of defense, and it is our kuleana to protect these beautiful islands.

Thank you for your support.

Sincerely,

Jill LaBram
Natural Resource and GIS Technician
West Maui Mountains Watershed Partnership

--

Jill LaBram
Natural Resource/GIS Technician
West Maui Mountains Watershed Partnership
(808) 661-6600
labram@westmauiwatershed.org

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: wao-hsl@WeAreOne.cc
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Friday, February 06, 2015 12:29:52 AM

SB1046

Submitted on: 2/6/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	Individual	Support	No

Comments: www.WeAreOne.cc

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Testimony of Kainoa Marchello

Supporting Relating to Invasive Species

Senate Committee on Water and Land

Wednesday, February 4, 2015, 2:45PM, Room 224

I Kainoa Marchello supports SB 1046 to provide funding for DLNR's watershed management, wildfire and emergency response, and forest and outdoor recreation programs. I am an active member of the West Maui community, a Kanaka 'oiwi, an a employee of the West Maui Mountains Watershed Partnership. I understand that the source of our pure water is a system of healthy forested watersheds which capture rain and cloud moisture and deliver it efficiently to aquifers and surface sources for subsequent consumption in our daily lives and for the benefit of our island economy. I have worked in Mauna Kahalawai for over 7 years. Through the years have witnessed our mountain, a highly efficient water absorbing machine, come under attack. The crew of the WMMWP combat these treats by building fences to keep ungulates out of the native forests, trap ungulates, and work to control the spread of invasive plant species. We are a field crew of 8 left to defend 47,321. This bill proposes to provide additional funding for the protection of our native forests, which are the source of nearly all the islands' supply of fresh water and an essential cultural and recreational resource . The watershed protection and invasive species programs supported with state funds and leveraged several times over with matching funds from county, federal and private sources help to ensure healthy, managed natural resources that are critical for isolated island chains such as Hawai'i. Thank you for your support.

Sincerely,

Kainoa Marchello West Maui Mountians Watershed Partnership Field Technician

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: caveguy@hawaiiantel.net
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 9:20:28 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Lars Lind	Individual	Support	No

Comments:

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From: [Lisa Ferentinos](#)
To: [ENETestimony](#)
Subject: Support SB1046
Date: Wednesday, February 04, 2015 9:33:55 AM

Our economy and our environment need to be protected from invasive species. Please pass SB1046.

Mahalo,
Lisa Ferentinos
Waimanalo, HI

From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: mauimarta@hawaiiantel.net
Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Tuesday, February 03, 2015 9:14:00 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Martha Lind	Individual	Support	No

Comments: Please support this bill to help control the invasive species in our state.

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: megan.pittsley@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Wednesday, February 04, 2015 6:17:12 PM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Megan Fox	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: themomhui@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 10:10:50 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Mercy Ritte	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: permaculturejourney@gmail.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Wednesday, February 04, 2015 9:12:57 PM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Menchetti	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
To: [ENETestimony](#)
Cc: pennysfh@hawaii.rr.com
Subject: *Submitted testimony for SB1046 on Feb 6, 2015 14:45PM*
Date: Tuesday, February 03, 2015 10:36:21 PM

SB1046

Submitted on: 2/3/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
penny levin	Individual	Support	No

Comments:

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SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Phyllis Robinson	Individual	Support	No

Comments:

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SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
robyn smith	Individual	Support	No

Comments: I support this bill. Thank you.

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Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Wednesday, February 04, 2015 11:52:54 AM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
Tom Eisen	Individual	Support	No

Comments: Wise choice to commit to real funding to fight the battle against invasive pests such as little fire ants and the brown tree snake. Mahalo,

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Subject: Submitted testimony for SB1046 on Feb 6, 2015 14:45PM
Date: Wednesday, February 04, 2015 1:10:29 AM

SB1046

Submitted on: 2/4/2015

Testimony for ENE/WTL/AGL on Feb 6, 2015 14:45PM in Conference Room 224

Submitted By	Organization	Testifier Position	Present at Hearing
William Jacintho	Individual	Support	No

Comments: Strong Support for the battle of invasive species. Thank you.

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