

NEIL ABERCROMBIE
Governor



SCOTT E. ENRIGHT
Chairperson, Board of Agriculture

KEN H. KAKESAKO
Deputy to the Chairperson

State of Hawaii
DEPARTMENT OF AGRICULTURE
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Honolulu, Hawaii 96814-2512
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**TESTIMONY OF SCOTT E. ENRIGHT
CHAIRPERSON, BOARD OF AGRICULTURE**

**BEFORE THE HOUSE COMMITTEES ON ENERGY AND ENVIRONMENTAL
PROTECTION AND WATER AND LAND**

**THURSDAY APRIL 10, 2014
9:30 A.M.**

**SENATE CONCURRENT RESOLUTION 69 SD1
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE**

Chairpersons Lee and Evans and Members of the Committees:

Thank you for the opportunity to provide testimony on Senate Concurrent Resolution 69 SD1. This resolution supports the Aloha+ Challenge. The Department supports this resolution.

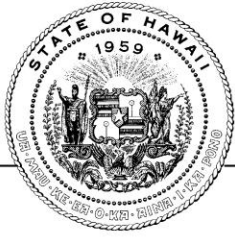
The Department has been an active partner in the collaborative effort known as Hawaii Green Growth (HGG). Bringing together leaders from both the public and private sector, HGG has been integral in breaking down silos and creating unique partnerships with the intent of moving Hawaii forward towards a vision of greater sustainability in food, energy, and natural resource management.

The Aloha+ Challenge is one such initiative that intends to showcase the concerted efforts that are being pursued in Hawaii to move the state towards greater sustainability as outlined by the Hawaii State Planning Act. In particular, the Department is excited to be a part of this initiative and to build on existing initiatives and projects such as those funded by the Agricultural Development and Food Security Special Fund. The Department does want to point out that food is one aspect of agriculture, and the Department will continue its efforts to increase the overall capacity



of the agricultural industry. The Department looks forward to striving towards and achieving the goal set forth in the resolution to double local food production with the aim of reaching 20 to 30 percent local food consumption by 2030.

Thank you for the opportunity to testify on this measure.



**OFFICE OF PLANNING
STATE OF HAWAII**

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NEIL ABERCROMBIE
GOVERNOR

LEO R. ASUNCION
ACTING DIRECTOR
OFFICE OF PLANNING

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Statement of
LEO R. ASUNCION
Acting Director, Office of Planning
before the
**HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION
AND
HOUSE COMMITTEE ON WATER AND LAND**

Thursday, April 10, 2014
9:30 AM
State Capitol, Conference Room 325

in consideration of
SCR 69 SD1
ENDORISING AND SUPPORTING THE ALOHA+ CHALLENGE.

Chairs Lee and Evans, Vice Chairs Thielen and Lowen, and Members of the House Committees on Energy and Environmental Protection and Water and Land.

The Office of Planning (OP) supports SCR 69, SD1, (companion measures SR 34, SD1, HR 77, and HCR 104) which endorses the Aloha+ Challenge, and offers the following comments.

The Aloha+ Challenge presents an unprecedented opportunity for Hawaii to engage leaders from public and private entities across the state in a shared statewide commitment to sustainability, and to serve as an international model for integrated green growth. The Aloha+ Challenge defines six sustainability targets to be achieved by 2030 in the areas of clean energy, local food, natural resource management, waste reduction, climate resilience and smart growth, as well as green jobs. These targets were developed collaboratively by state agency leads and their partners, building upon existing efforts taking place throughout the state.

In particular, OP is committed to increasing Hawaii's resilience to and preparedness for the impacts of climate change. In 2012, our office was instrumental in developing Hawaii's Climate Change Adaptation Priority Guidelines (Act 286) that were adopted into law by the Twenty-Sixth State Legislature. Today, we continue to work with state and county agencies to implement Act 286 and integrate climate change adaptation into existing planning and regulatory frameworks.

As an active member of Hawaii Green Growth, we are ready and willing to work with our partners to meet the ambitious targets set forth by the Aloha+ Challenge and join in support of this shared commitment to building a more secure, sustainable, and resilient Hawaii.

Thank you for the opportunity to provide testimony on this measure.

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII

Testimony of
JACQUELINE KOZAK THIEL
State Sustainability Coordinator

Before the House Committees on
ENERGY & ENVIRONMENTAL PROTECTION
and
WATER & LAND

Thursday, April 10, 2014
9:30 AM
State Capitol, Conference Room 325

In consideration of
SENATE CONCURRENT RESOLUTION 69, SENATE DRAFT 1
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE

Senate Concurrent Resolution 69, Senate Draft 1 endorses and supports the Aloha+ Challenge.
The State Sustainability Coordinator strongly supports this measure.

The Aloha+ Challenge is a joint commitment to a culture of sustainability with measurable 2030 targets for clean energy, natural resource management, local food production, green jobs creation, waste reduction, smart growth, and climate change adaptation.

The Aloha+ Challenge builds upon the Legislature's leadership and investments in the Hawaii 2050 Sustainability Plan and Act 181, Session Laws of Hawaii (SLH), Hawaii Clean Energy Initiative, Rain Follows the Forest Watershed Initiative, Hawaii Invasive Species Council, Hawaii Climate Change Adaptation Priority Guidelines (Act 286, SLH 2012), and other related sustainability policies and programs.

Hawaii is a microcosm of the interconnected sustainability challenges facing the planet. This is a tremendous opportunity for Hawaii to demonstrate international island leadership through ambitious commitments, integrated approaches, and scalable innovations that serve as a model of sustainability.

The State Sustainability Coordinator is actively working with public and private sector partners, including the diverse members of Hawaii Green Growth, to collaboratively advance the Aloha+ targets for a more sustainable and resilient Hawaii. The State Sustainability Coordinator is also helping to support the Governor, Mayors, and the Office of Hawaiian Affairs in their shared commitment and will continue to work across state departments and with the counties, federal agencies, University of Hawaii system and community partners for a coordinated strategy.

The State Sustainability Coordinator sincerely appreciates the Legislature's continued leadership through this resolution. Mahalo nui for the opportunity to provide testimony.

SCR69

Submitted on: 4/9/2014

Testimony for EEP/WAL on Apr 10, 2014 09:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Rob Parsons	County of Maui, Mayor's Office	Support	No

Comments: As Executive Assistant for Environmental Concerns to Mayor Alan Arakawa, I have been the Maui County liaison with Hawaii Green Growth in planning to establish state wide sustainability measures. I strongly support the cooperation among the Counties to achieve the goals we set forth on the road to better self-sufficiency, establishing a robust green economy, and strengthening our ability to sustain ourselves and our natural resource ecosystems throughout Hawaii. I urge you to endorse and support the Aloha + Challenge through passage of this resolution. Mahalo nui loa, Rob Parsons, MAUI

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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STATE OF HAWAII
DEPARTMENT OF DEFENSE

TESTIMONY ON SENATE CONCURRENT RESOLUTION 69
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE

PRESENTATION TO
THE HOUSE COMMITTEES ON
ENERGY & ENVIRONMENTAL PROTECTION (EEP)
AND
WATER AND LAND (WAL)

BY
MAJOR GENERAL DARRYLL D. M. WONG
ADJUTANT GENERAL AND DIRECTOR OF STATE CIVIL DEFENSE
April 10, 2014

Chair Lee, Chair Evans, and the Members of the House Committees on Energy & Environmental Protection (EEP) and Water and Land (WAL).

I am Major General Darryll D. M. Wong, State Adjutant General and Director of State Civil Defense. I am testifying in **SUPPORT** of Senate Concurrent Resolution 69.

Aloha+ Challenge's goal is building a more secure, sustainable and resilient economy and environment for all of Hawaii. Hawaii needs community resilience and sustainability because it is an island state. Business, government, the military and the public must work together toward Aloha+ Challenge's goal.

Thank you for allowing me to testify in **SUPPORT** of Senate Concurrent Resolution 69.



SCR69 SD1
ENDORISING AND SUPPORTING THE ALOHA+ CHALLENGE
House Committee on Energy & Environmental Protection
House Committee on Water & Land

April 10, 2014

9:30 a.m.

Room 325

The Office of Hawaiian Affairs (OHA) **SUPPORTS** SCR69 SD1, which would establish six sustainability targets for Hawai‘i to achieve by 2030 in the areas of clean energy development, local food production, natural resource management, waste reduction, climate resilience/smart growth and green jobs.

Hawai‘i, despite its relative isolation, has a rich heritage of sustainability and self-sufficiency. Our ancestors understood the importance of living in harmony with the natural environment, and were able to support a remarkably large population without depleting our islands’ limited resources. Through an ahupua‘a system of land management and with shared cultural practices of aloha (respect), laulima (cooperation) and mālama (stewardship), Native Hawaiians were able to maintain a desirable pono (balance) between the ‘āina and the people it sustained.

Today, our dependence upon imported goods, combined with the rising costs of fuel and historically short-sighted land use and development policies, has resulted in the incremental displacement and disenfranchisement of local residents, including Native Hawaiians in their own homelands. SCR69 SD1 seek to alleviate the ever-increasing burdens of modern socioeconomic trends, and achieve the pono that once existed when our ancestors cultivated the land. OHA recognizes the importance of such a vision, and already supports initiatives to promote the health and restoration of native forests and watersheds, protect coral reefs and ocean resources, grow more local food for local consumption and produce more clean energy. Accordingly, the Administration of OHA, along with the Governor and the mayors of all the counties, has already agreed to accept the Aloha+ Challenge embodied in this concurrent resolution.

Therefore, OHA urges the Committees to **PASS** SCR69 SD1. Mahalo for the opportunity to testify on this measure.

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 House Committees on
ENERGY & ENVIRONMENTAL PROTECTION
and
WATER & LAND**

**Thursday, April 10, 2014
9:30 A.M.
State Capitol, Conference Room 325**

**In consideration of
SENATE CONCURRENT RESOLUTION 69, SENATE DRAFT 1
ENDORING AND SUPPORTING THE ALOHA+ CHALLENGE**

Senate Concurrent Resolution 69, Senate Draft 1 endorses and supports the Aloha+ Challenge.
The Department of Land and Natural Resources (Department) supports this resolution.

The Department is actively seeking to meet the natural resource management goals of the Aloha+ Challenge, including reversing the trend of natural resource loss mauka to makai by increasing watershed protection, community-based marine management, invasive species prevention and control, and restoration of native species. Efforts to reach these targets include "The Rain Follows the Forest" watershed initiative, co-leadership of the Hawaii Invasive Species Council, Hawaii's bid to host the World Conservation Congress in 2016, and many other programs within the Department that manage and restore marine and terrestrial resources. Through these programs, the Department is also helping to expand Hawaii's green workforce.

A statewide commitment recognizes the importance of these goals to improve Hawaii's environment, economy, as well as quality of life for all its citizens. The Department looks forward to being a part of this Challenge and strengthening Hawaii's culture of sustainability.

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

JESSE K. SOUKI
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



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

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NEIL ABERCROMBIE
GOVERNOR

RICHARD C. LIM
DIRECTOR

MARY ALICE EVANS
DEPUTY DIRECTOR

Statement of
RICHARD C. LIM
Director
Department of Business, Economic Development, and Tourism
Before the
HOUSE COMMITTEES ON ENERGY AND ENVIRONMENTAL PROTECTION
And
WATER AND LAND

Thursday, April 10, 2014
9:30 a.m.

State Capitol, Conference Room 325
in consideration of

SCR 69, SD1
ENDORISING AND SUPPORTING THE ALOHA CHALLENGE.

Chairs Lee and Evans, Vice Chairs Thielen and Lowen, and Members of the Committees.

The Department of Business, Economic Development, and Tourism respectfully supports SCR 69, SD1, which endorses and supports the Aloha+ Challenge.

Under Governor Abercrombie's leadership, the Aloha+ Challenge will show a global commitment that Hawaii has made to create a more sustainable future, including clean energy, food, climate change, and other natural resources.

Internationally, the United Nations Secretary-General views sustainable energy as ensuring universal access to modern energy services and increasing improvements in energy efficiency and renewable energy's share in the global energy mix. In Hawaii, DBEDT and its State Energy Office share that focus in our efforts to drive clean energy innovation and build a vital, growing clean energy sector of our economy.

Given the important role energy plays in the Aloha+ Challenge, DBEDT reiterates its focus on economic sustainability and to going beyond our current clean energy mandates, in a manner that is consistent with our state energy policy directives of pursuing balanced, market-driven, cost-effective solutions to best serve Hawaii's energy needs.

Thank you for the opportunity to provide comments on SCR 69, SD1.



STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:

HOUSE COMMITTEE ON ENERGY & ENVIRONMENTAL PROTECTION

HOUSE COMMITTEE ON WATER & LAND

**S.C.R. 69 S.D. 1, ENDORSING AND SUPPORTING THE ALOHA+
CHALLENGE**

**Testimony of Linda Rosen, M.D., M.P.H.
Director of Health**

**April 10, 2014
9:30 a.m.**

1 **Department's Position:** The Department of Health **STRONGLY SUPPORTS** this resolution because
2 of its integrated and focused approach to sustainability based on six measurable 2030 targets.

3 **Fiscal Implications:** Unknown, however, achieving the goals set forth in the Aloha+ Challenge will
4 have innumerable environmental and economic benefits for Hawaii.

5 **Purpose and Justification:** Hawaii is recognized as a global island leader in sustainability but has also
6 identified the urgent need for focused action to ensure a more sustainable, resilient, and healthy future.

7 Hawaii has joined the Global Island Partnership (GLISPA) and developed the Aloha+ Challenge to
8 outline State sustainability principles and targets based on current priorities and policies to work towards
9 this more secure, green future. As a member of Hawaii Green Growth, the Department joins in this
10 shared statewide commitment to sustainability.

11 The Department appreciates the opportunity that the Aloha+ Challenge provides to increase
12 support and coordination between county, state, and federal agencies, as well as partner organizations,
13 and expand regional collaboration on key environmental issues like climate change and invasive species.

14 The Department also fully endorses the Aloha+ Challenge's six goals, which include achieving 70

1 percent clean energy, a commitment to local food production, improved natural resource management,
2 waste reduction, the creation of smart sustainable communities, and green workforce development.

3 The Department is already pursuing these targets through our efforts to reduce solid waste,
4 which include expanding electronic waste recycling in the state and working to create an updated,
5 statewide Integrated Solid Waste Master Plan. We additionally support many measures that will
6 contribute to creating smart sustainable communities, like car-sharing, bike-sharing, and transit-oriented
7 development.

8 The sustainability targets outlined in the Aloha+ Challenge are both achievable and essential to
9 long-term success for Hawaii.

10 Thank you for the opportunity to testify on this important resolution.

Bernard P. Carvalho, Jr.
Mayor



George K. Costa
Director

Nadine Nakamura
Managing Director

OFFICE OF ECONOMIC DEVELOPMENT

County of Kaua'i, State of Hawai'i

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HOUSE OF REPRESENTATIVES
THE TWENTY-SEVENTH LEGISLATURE
REGULAR SESSION OF 2014

COMMITTEE ON ENERGY AND ENVIRONMENTAL
PROTECTION
Rep. Chris Lee, Chair
Rep. Cynthia Thielen, Vice Chair

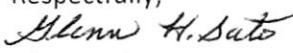
COMMITTEE ON WATER AND LAND
Rep. Cindy Evans, Chair
Rep. Nicole E. Lowen, Vice Chair

Thursday, April 10, 2014
9:30 a.m.
Conference Room 325

TESTIMONY OF GLENN SATO, SUSTAINABILITY MANAGER FOR THE COUNTY OF Kaua'i,
OFFICE OF ECONOMIC DEVELOPMENT
In Support of the Aloha+ Challenge Resolution SCR69, SD1

The County of Kaua'i strongly supports this resolution endorsing and supporting the Aloha+ Challenge. This effort will bring our communities together to move towards sustainability and to position Hawai'i internationally as a pioneer for sustainable growth. The *Aloha+ Challenge* resolution defines six sustainability targets for Hawai'i to reach by 2030 in clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth and green jobs. These targets are achievable if we all work together, share information and develop reasonable metrics to gauge successes and pinpoint areas for improvement. The Aloha+ Challenge will also be a means to showcase our efforts as examples to other island communities.

Mayor Bernard Carvalho's Holo Holo 2020 vision calls for all businesses, residents and businesses on Kauai to be part of creating an island that is sustainable, values our native culture, has a thriving and healthy economy, cares for all...keiki to kupuna, and has a responsible and user-friendly local government. Kaua'i's commitment to sustainability was solidified in July 2011 by the funding and creation of a full-time Sustainability Manager position. Since September 2011, the County has concentrated its efforts to increase its operational sustainability, specifically in energy use, resource efficiency, smart growth planning and green workforce development. Kauai County stands ready to support the Global Island Partnership and Hawaii Green Growth, and accept and exceed the Aloha+ Challenge goals. We commend the Legislature for their support and leadership for a sustainable Hawaii.

Respectfully,

Glenn H. Sato
Sustainability Manager
County of Kauai



**Testimony of Hawai'i Green Growth
In Support of the Aloha+ Challenge Resolution SCR69 SD1
House Committee on Energy & Environmental Protection
House Committee on Water & Land
10 April 2014, 9:30am, Room 225**

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 50 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.

Hawai'i Green Growth (HGG) strongly supports this resolution to endorse the Aloha+ Challenge and bring leaders and organizations together across the state in a shared commitment to sustainability. As an island community, we recognize our economy, environment and people are vulnerable to global economic and environmental trends. Hawai'i is also uniquely positioned to be a global leader in building a more resilient, secure and sustainable future for our islands.

The *Aloha+ Challenge* resolution defines six sustainability targets for Hawai'i to reach by 2030 in clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth and green jobs. These targets were developed collaboratively by lead State agencies with key private partners and endorsed by our HGG members – more than 50 leaders (see attached list) from government, business and non-profit organizations. They build upon and will help advance outstanding work by dedicated people across the state. The *Aloha+ Challenge* targets are achievable if we work together and make strategic long-term investments.

Working with the State Sustainability Coordinator, we have reached out to all four Counties and the Office of Hawaiian Affairs to help lead the *Aloha+ Challenge*, and they are ready. We are also working with partners across the state on practical indicators and measures for decision-makers and the public to track progress on these targets.

The *Aloha+ Challenge* will promote action on an island-style, integrated approach to sustainability, which is essential to our success. In recent years, Hawai'i has been recognized for our progress and innovative, collaborative approach to sustainability by islands around the world, and many want to learn and share with us. We are all searching for answers to these global problems. The *Aloha+ Challenge* will help mobilize the leadership, partnerships and resources we need to build the future we all want for our Hawai'i.

Mahalo nui to the Chairs and Committee members who co-sponsored this resolution. We ask you all to support the *Aloha+ Challenge* resolution and to help lead our state in this important work.

Mahalo kākou,

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

Hawai'i Green Growth Working Group

1. 'Aulani Wilhelm, NOAA Superintendent, Papahānaumokuākea Marine National Monument (PMNM)
2. Audrey Newman, Senior Advisor, Hawai'i Green Growth (HGG) & Global Island Partnership (GLISPA)
3. Aurora Winslade, Sustainability Coordinator, University of Hawai'i at Mānoa (UH)
4. Ashley Lukens, Director of Rewarding Internships for Sustainable Employment (RISE), Kupu Hawai'i
5. Bill Tam, Deputy Director, Hawai'i Dept of Land & Natural Resources (DLNR)
6. Brandon Lee, Associate, Ulupono Initiative
7. Brant Chillingworth, Program Officer, Hau'oli Mau Loa Foundation
8. Carol Feinga, Administrative Director, Kōkua Hawai'i Foundation
9. Carol Wilcox, Board Member, Mālama Maunaloa
10. Chipper Wichman, Executive Director, National Tropical Botanical Garden (NTBG)
11. Christy Martin, Public Information Officer, Coordinating Group on Alien Pest Species (CGAPS)
12. Deanna Spooner, Coordinator, Pacific Islands Climate Change Cooperative (PICCC)
13. Ed Kenney, Owner, Town Restaurant
14. Emma Yuen, Natural Area Reserves Systems Planner, DLNR
15. Eric Co, Program Officer for Marine Conservation, Harold K.L. Castle Foundation
16. Gary Gill, Deputy Director, Hawai'i Department of Health (DOH)
17. Colonel (ret.) Howard Killian, HI Env'tal & Sustainability Coord, Office of the Dep Asst Sec for the Army (ODASA)
18. Jackie Kozak Thiel, State Sustainability Coordinator, State of Hawai'i
19. Jason Ito, Director of Administration and Planning, Kyo-ya
20. Jason Philibotte, Director of Hawai'i Fish Trust, Conservation International (CI)
21. Jeff Mikulina, Executive Director, Blue Planet Foundation
22. Jesse Souki, Deputy Director, DLNR and former Director, Office of Planning (OP)
23. Josh Atwood, Invasive Species Coordinator, DLNR & Hawai'i Invasive Species Council (HISC)
24. June Matsumoto, Hawai'i Committee, World Conservation Congress 2016
25. Dr. Kamanao'pono Crabbe, Chief Executive Officer, Office of Hawaiian Affairs (OHA)
26. Kawika Burgess, Chief Operating Officer, OHA
27. Ken Kakesako, Deputy Director, Hawai'i Department of Agriculture (DOA)
28. Ka'iulani De Silva, Director of Education & Consumer Affairs, Hawaiian Electric Company (HECO)
29. Kevin Vaccarello, Founder & Director, Sustain Hawai'i
30. Kirsten Baumgart Turner, Partner, Sustainability Partners, Inc.
31. Kyle Datta, General Partner, Ulupono Initiative
32. Laurie Carlson, Regional Governor, Slow Food Hawai'i & Founding Publisher, Honolulu Weekly
33. Lihla Noori, Executive Director, Hawai'i Conservation Alliance (HCA)
34. Dr. Maria Gallo, Dean & Director, College of Tropical Agriculture and Human Resources (CTAHR)
35. Mark Fox, External Affairs Director, The Nature Conservancy of Hawai'i (TNCH)
36. Mary Lou Kobayashi, Planning Program Administrator, Office of Planning (OP)
37. Mawae Morton, Representative, Polynesian Voyaging Society (PVS)
38. Maxine Burkett, Associate Professor of Law, UH & Director of Research Initiatives, Hawai'i Presidential Center
39. Michael Buck, Representative, Mālama Hawai'i & Former DOFAW Administrator, DLNR
40. Mike Hamnett, Co-Chair, Hawai'i Energy Policy Forum (HEPF) & Executive Director, Resarch Corp UH (RCUH)
41. Neil Hannahs, Director of Land Assets Division, Kamehameha Schools
42. Nicole Chatterson, RISE Mentor, Kupu Hawai'i
43. Olin Lagon, Executive Director, Kanu Hawai'i
44. Pauline Sato, Mālama Learning Center & Agricultural Leadership Foundation of Hawai'i
45. Peter Adler, Principal, Accord 3.0 Consultants
46. Piiia Aarma, President, Pineapple Tweed Public Relations & Marketing
47. Pono Shim, Executive Director, Enterprise Honolulu
48. Russell Kokubun, former Chairperson, DOA
49. Sharon Moriwaki, Co-Chair, HEPF & Associate Director, UH Public Policy Center (UHPPC)
50. Sylvia Yuen, Special Assistant to the UH President for Food Security & Safety
51. Traci Ho Kim, Department of Business, Economic Development, & Tourism (DBEDT)
52. Ulalia Woodside, Regional Assets Manager, Kamehameha Schools
53. William Aila, Chair, DLNR

Testimony of The Nature Conservancy of Hawai'i
Supporting SCR 69 SD1 Endorsing and Supporting the Aloha+ Challenge
House Committee on Energy and Environmental Protection
House Committee on Water and Land
Thursday, April 10, 2014, 9:30am, Room 325

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 is a member of Hawai'i Green Growth and we strongly support SCR 69 SD1 which defines six sustainability targets for Hawai'i to reach by 2030 in clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth and green jobs.

Though we live in a global economy where we can secure nearly all the goods and services we need from outside our island home, we face a variety of political, economic and environmental conditions that demand that we also improve our local security and self-reliance. The cost of goods and the fuel to bring them here will only increase. Energy costs will continue to rise especially if we continue to import all the fuel we require to generate power. Political and weather realities demand that we figure out how to have more than a week or two of food and energy supplies in the event of disaster or cargo interruptions. Science indicates that climate change effects in Hawai'i will likely include:

- More frequent and more severe storms;
- Overall less rainfall and therefore less fresh water;
- Higher temperatures that are beneficial to invasive species;
- Sea level rise and high waves that harm coastal areas and groundwater systems;
- Ocean acidification that inhibits growth of protective coral reefs and harms fisheries.

In response to these challenges, we must plan and implement mitigative and adaptive measures to ensure the resilience of our natural and human systems. Taking better care of the health and function of our forested watersheds and coral reefs, growing more food for local consumption, producing more clean energy locally, and better managing waste are essential components of building self-reliance and resilience here in the middle of the Pacific Ocean. The Aloha+ Challenge and its six sustainability targets recognizes our existing successes and helps keep us focused on building a more secure, sustainable and resilient economy and environment for all of Hawai'i's residents, businesses and visitors.

BOARD OF TRUSTEES

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Jean E. Rolles Scott C. Rolles Crystal K. Rose Dustin E. Sellers Dustin M. Shindo Nathan E. Smith James Wei Eric K. Yeaman

Chair: Kenton T. Eldridge *Chair Emeriti:* Samuel A. Cooke (co-founder; chair 1980-1991), Herbert C. Cornuelle (co-founder), Bill D. Mills (1991-1995), Jeffrey N. Watanabe (1995-2004), David C. Cole (2004-2008), Duncan MacNaughton (2008-2011)



HOUSE COMMITTEES ON ENERGY & ENVIRONMENTAL PROTECTION AND WATER & LAND
Thursday, April 10, 2014 – 9:30 a.m. – Room 325

Ulupono Initiative Strongly Supports SCR 69 SD 1, Endorsing and Supporting the Aloha+ Challenge

Dear Chair Lee, Vice Chair Thielen, Chair Evans, Vice Chair Lowen and Members of the Committees:

My name is Kyle Datta and I am general partner of the Ulupono Initiative, a Hawai'i-based impact investment firm that strives to improve the quality of life for the people of Hawai'i by working toward solutions that create more locally grown food, increase renewable energy, and reduce/recycle waste. Ulupono invests in projects that have the potential to create large-scale, innovative change.

Ulupono strongly supports SCR 69 SD 1, which endorses and supports the Aloha+ Challenge. Ulupono is a member of Hawai'i Green Growth Initiative, who helped to facilitate this agreement on food, energy, and waste goals by the Governor, all four mayors, and the chairperson of the Office of Hawaiian Affairs. We believe that Hawai'i can achieve greater environmental sustainability goals where key stakeholders communicate and work together on common targets. This bill will help to achieve that and therefore, we urge your strong support.

Thank you for this opportunity to testify.

Respectfully,

Kyle Datta
General Partner

Email: communications@ulupono.com



**TESTIMONY OF
Kenneth Y. Kaneshiro**

**IN STRONG SUPPORT OF SCR 69 SD1
Resolution to Endorse the *Aloha+ Challenge***

**BEFORE THE
HOUSE COMMITTEE ON ENERGY AND ENVIRONMENTAL PROTECTION
HOUSE COMMITTEE ON WATER AND LAND**

Date: Thursday, April 10, 2014

Time: 9:30 a.m.

Place: Conference Room 325

Aloha Chair Lee, Chair Evans, Vice Chair Thielen, Vice Chair Lowen and members of the Committee on Energy & Environmental Protection and the Committee on Water & Land. My name is Ken Kaneshiro and I am the Director of the Center for Conservation Research & Training at the University of Hawai'i at Manoa. However, I am presenting testimony on SCR 69 SD 1 as a private individual and my comments do not reflect the opinion of the University of Hawai'i.

I am in strong support of the intent of SCR 69 SD 1 to endorse the ***ALOHA+ CHALLENGE***. There is an urgent need to enhance the development of the emerging field of "Sustainability Science and Resilience" and the Hawaiian Islands serve as a microcosm of real-world sustainability issues such as conservation of biodiversity, habitat protection and restoration of ecosystem services and resilience, food and energy security etc., where research on these issues can be studied at manageable spatial scales. The *Aloha+ Challenge* promotes sustainability actions in an integrative, transdisciplinary, systems thinking approach cutting across all sectors of society. Furthermore, lessons in sustainability can be assimilated from traditional Hawaiian cultural practices where intensive and productive agricultural uses of the landscape as well as the effective management of traditional fishponds supported remarkably high population densities.

The *Aloha+ Challenge* would foster the kind of research and education necessary to train the next generation of leaders with the capacity to address issues not only in Hawai'i but within the Pacific-Asia Region and beyond.

Mahalo for the opportunity to present this testimony.

TESTIMONY ON BEHALF OF SCR 69 SD1 – RELATING TO ENDORSING AND SUPPORTING THE ALOHA+ CHALLENGE

April 10, 2014

(COMMENTS) Thank you for the opportunity to submit testimony in support of SCR 69 SD1. My name is Michael Buck, former Hawaii State Forester/Wildlife Director from 1989 to 2004 and a member of the Hawai'i Green Growth Initiative. The Hawai'i Green Growth is a voluntary partnership of state, county, federal, business, and nongovernmental leaders from many sectors, including clean energy, local food production, natural resource management, waste reduction, climate change mitigation and adaptation, planning, green jobs, and others, that is ready to support a shared statewide commitment to sustainability and be a model for integrated green growth.

I applaud the intent of this resolution as well as the sponsors who have introduced it. The Aloha+ Challenge will help us build a more secure, sustainable and resilient economy and environment for all of Hawai'i. It puts tangible "meat on the bones" with specific sustainability targets as well as an integrated approach outlined in the resolution. These targets provide a baseline and foundation for both public agencies and private sector entities (e.g. business, non-profit, community groups) to align their efforts.

The Hawaii State Legislature has a proven track record of supporting sustainability across economic, social, and environmental sectors. Your support of this resolution is critical as the Governor, Mayors of all the Counties, and the Chair of the Office of Hawaiian Affairs have expressed their interest in accepting the Aloha+ Challenge. Sustainability is a journey that we all must travel together. I urge you to pass this resolution so help us work together to sustain Hawai'i future.

Thank you for the opportunity to submit testimony.

SCR69

Submitted on: 4/8/2014

Testimony for EEP/WAL on Apr 10, 2014 09:30AM in Conference Room 325

Submitted By	Organization	Testifier Position	Present at Hearing
Antonia Agbannawag	Individual	Support	No

Comments:

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April 10, 2014

Representative Chris Lee
Chair – Committee on Energy and Environmental Protection
Representative Cindy Evans
Chair – Committee on Water and Land
Hawaii State Capitol, Room 325
Honolulu, Hawaii 96813

Aloha Chair Lee, Chair Evans, and Committee Members,

Enterprise Honolulu unwaveringly supports SCR69 SD1, which endorses and supports the Aloha+ Challenge. We follow the leads of our Governor and Mayors of Hawaii's counties and the OHA leadership in observing and committing to the challenge.

Thank you for your leadership and support of this commitment and effort. We believe this context connects all of the efforts to build a healthy community in reverence.

The enjoyment of this resolution's accomplishments will not be experienced by our current leaders and in so doing we connect with great leaders of the past.

Mahalo,

A handwritten signature in black ink, appearing to read "Pono Shim", with a long horizontal flourish extending to the right.

Pono Shim
President and CEO, Enterprise Honolulu



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Hawaii Energy Policy Forum

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Leslie Cole-Brooks, HI Solar Energy Assn
Kyle Datta, Ulupono Initiative
Laura Dierenfield, Queen Lili'uokalani Trust
Mitch Ewan, UH HI Natural Energy Institute
Jay Fidell, ThinkTech HI, Inc.
Carl Freedman, Haiku Design & Analysis
Sen. Mike Gabbard, HI State Senate
Dan Giovanni, Hawaiian Electric Company
Mark Glick, State Energy Office, DBEDT
Justin Gruenstein, City & Co. of Honolulu
Dale Hahn, Ofc of US Sen Brian Schatz
Michael Hamnett, Research Corp. of the UH
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Rachel James, Ofc of US Rep. Tulsi Gabbard
Jim Kelly, Kaula Island Utility Cooperative
Darren Kimura, Energy Industries
Kelly King, Sustainable Biodiesel Alliance
Kal Kobayashi, Maui County Energy Ofc
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Doug McLeod, Maui County
Stephen Meder, UH Facilities and Planning
Lauren Montez-Hernandez, Ofc of Sen Mazie Hirono
Hermina Morita, Public Utilities Commission
Sharon Moriwaki, UH So. Sci. Public Policy Ctr
Ron Nelson, U.S. Defense Energy Support Center
Tim O'Connell, U.S. Dept of Agriculture
Jeffrey Ono, Division of Consumer Advocacy, DCCA
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Joelle Simonpietri, U.S. Pacific Com. Energy Ofc
H. Ray Starling, Hawaii Energy
Ben Sullivan, Kaula Island Utility Cooperative
Lance Tanaka, Hawaii Independent Energy, LLC
Maria Tome, State Energy Office, DBEDT
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Testimony of Sharon Moriwaki, Co-chair

Hawai'i Energy Policy Forum

Before the

House Committees on Energy & Environmental Protection and on Water & Land
Thursday, April 10, 2014, 9:30 am, Conference Room 325**IN SUPPORT OF SCR 69 SD1**, Endorsing and Supporting the Aloha + Challenge

Chairs Chris Lee and Cindy Evans and Members:

I am Sharon Moriwaki, Co-chair of the Hawai'i Energy Policy Forum (Forum). The Forum, created in 2002, is comprised of 46 representatives from Hawaii's electric utilities, oil and natural gas suppliers, environmental and community groups, renewable energy industry, and federal, state and local government, including representatives from the neighbor islands. Our vision and mission, and comprehensive "10 Point Action Plan" serves as a guide to move Hawaii toward its preferred energy goals.

The Forum supports SCR 69 SD1, endorsing and supporting the Aloha + Challenge that will bring together leaders and organizations to commit to an integrated approach to achieving sustainability targets by 2030. More specifically, the initiative commits to achieving six sustainability targets by 2030 in the following areas: clean energy, local food, natural resource management, waste reduction, climate resilience/smart growth, and green jobs.

The Forum has supported the University of Hawaii Public Policy Center in its work on the Hawaii 2050 Sustainability Plan; and the current work with Hawai'i Green Growth, a partnership of public (federal, state, and local government), private, and community sectors focused on achieving a sustainable Hawai'i. One of our major projects is the development of meaningful indicators and metrics to track progress in achieving the sustainability targets.

The Aloha+ Challenge builds on these joint efforts and will promote an island-style, integrated approach to sustainability. In recent years, Hawai'i has been recognized for its progress and innovative, collaborative approach to sustainability. The Aloha+ Challenge will enable Hawai'i to mobilize the leadership, partnerships, and resources to build a sustainable future for Hawai'i as well as learn from and share with other jurisdictions with mutual interest in sustainable development.

Based on the foregoing, the Forum supports SCR 69, SD1, and urges your support and adoption.

Thank you for the opportunity to testify.

This testimony reflects the position of the Forum as a whole and not necessarily of the individual Forum members or their companies or organizations.