



KAHO'OLAWE ISLAND RESERVE FY15 YEAR-IN-REVIEW

July 2014 — June 2015

ABOUT 06

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THE RESERVE:

Decimated of its natural environment through years of over foraging and military bombing, an estimated 1.9 million tons of soil is lost annually on Kaho'olawe to erosion. Severely eroded landscapes cover one-third of the island, with runoff choking the Reserve's pristine reefs and significantly impacting the ocean ecosystem. The Reserve's inventory of 3,000 historic sites and features — all part of the National Register of Historic Places — are in constant need of protection from these damaging conditions. Despite an extensive, 10-year cleanup by the Navy, unexploded ordnance litters one-third of the island plus all surrounding waters, leaving areas life-threatening and off-limits.

MESSAGE FROM THE CHAIRPERSON



In Fiscal Year 2015, the State of Hawai'i provided its first ever direct funding for the daily operations of the Kaho'olawe Island Reserve Commission.

Twenty years ago, when the Reserve was returned to the State, the KIRC was funded by a small percentage of the federal appropriation made for the clean-up of unexploded ordnance. Provided in payments over many years, the "Kaho'olawe Rehabilitation Trust Fund" was never intended – nor was ever large enough – to serve as an endowment to perpetually support the KIRC's

mission of restoration and management of the former bombing range. In the final reports to Congress before Kaho'olawe was returned to the State, it was acknowledged that federal support would be limited and that state funding would ultimately be needed.

In recent years, the KIRC requested State funding, knowing the trust fund would soon be depleted. With an annual budget of \$2.7 million, the KIRC not only restores, maintains, monitors and preserves the environmental, natural, cultural and marine resources of the Reserve, we also run a self-contained municipality – providing transportation, housing, water, sanitation, electricity and food needed to support our staff and volunteers. It would be hard to find another government program that is as efficient. For the upcoming FY16 and FY17 budgets, the State Legislature approved an annual appropriation of only \$1 million for the KIRC, which is far short of our needs. While it is significant for the KIRC to be recognized and receive support, it was disappointing not to receive full funding. The upcoming year will see new challenges for the KIRC to stretch our financial resources even further.

The KIRC has successfully pursued grant opportunities over the past decade, and we have now been pressed by the State Legislature to generate additional revenue to support our operations and programs; this will surely be the subject of serious discussion by the Commission over the next several months. We must find new sources of revenue to continue the KIRC's extraordinary work.

When I first became involved with the KIRC in 2005, I was overwhelmed by the scope of our mission – the expansive environmental degradation, the ambitious plans for restoration and natural and cultural resources management– and by the exceptional dedication of KIRC staff and volunteers. The men and women of the KIRC staff have devoted their lives and careers to KIRC's vision and mission to restore its native terrestrial and marine ecosystems, and to support Native Hawaiian cultural practices. No one accesses Kaho'olawe and returns unmoved or unchanged – it is a profound experience that has now been shared by thousands of people. I hope that the work and commitment of these remarkable individuals will be honored by the financial support of the State and the people of Hawai'i.

Michele McLean
Chairperson
Kaho'olawe Island Reserve Commission

WHO WE ARE:



Our logo represents the curled tentacle of the he'e (octopus), one of the kino lau (body forms) of the god Kanaloa, and the curled shoot of the hapu'u fern, symbolizing kūkulu, or the beginning of a life force.

Established by the Hawai'i State Legislature in 1993 to manage the Kaho'olawe Island Reserve while held in trust for a future Native Hawaiian sovereign entity, the mission of the Kaho'olawe Island Reserve Commission (KIRC) is to implement the vision for Kaho'olawe Island in which **the kino (body) of Kaho'olawe is restored and na poe o Hawai'i (the people of Hawai'i) care for the land.** The organization is managed by a seven-member Commission and a committed staff.

OUR VISION:

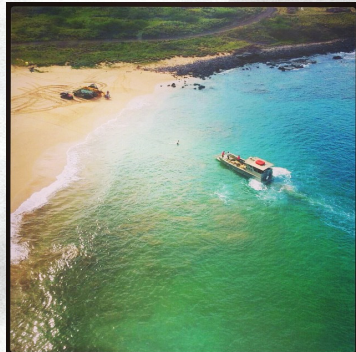
Kūkulu Ke Ea A Kanaloa
The life and spirit of Kanaloa builds and takes form

The *kino* (physical manifestation) of Kanaloa is restored. Forests and shrublands of native plants and other biota clothe its slopes and valleys. Pristine ocean waters and healthy reef ecosystems are the foundation that supports and surrounds the island.

Nā po'e o Hawai'i (the people of Hawai'i) care for the land in a manner, which recognizes the island and ocean of Kanaloa as a living spiritual entity. Kanaloa is a *pu'uhonua* and *wahi pana* (a place of refuge, a sacred place) where native Hawaiian cultural practices flourish.

The *piko* of Kanaloa (the navel, the center) is the crossroads of past and future generations from which the native Hawaiian lifestyle is spread throughout the islands.

FY15 ON INSTAGRAM: @KIRCKAHOOLAWE



ALOHA FROM THE EXECUTIVE DIRECTOR



This year marks the end of an era for us at the KIRC, as well as the beginning of a new fiscal reality that will set the future pace in restoring Kaho'olawe.

In 1994, the Kaho'olawe Rehabilitation Trust Fund was created to receive a portion of the Federal fund set aside for their unexploded ordnance (UXO) cleanup of Kaho'olawe. For 20 years, the KIRC has been applying the Trust Fund towards a comprehensive management regime for Kaho'olawe and the implementation of innovative restoration programs that have begun to heal the island.

Projecting that the Trust Fund would soon be depleted, we spent the past year seeking new funding sources and revenues that could sustain our work into the future. We were only able to secure State funds to partially fund our work for the next two years during the past legislative session. In order to continue restoration efforts and volunteer access to Kaho'olawe, we are planning drastic changes on island and within our staffing in order to stretch the limited funds as far as possible. Additionally, at the end of the fiscal year, we began an on-line charitable giving campaign in order to seek financial support for our critical volunteer program, through which thousands have benefited from their once-in-a-lifetime experiences on Kaho'olawe.

In fiscal year 2016, we are committed to continue the restoration of Kaho'olawe, but our pace of work will be severely curtailed as resources are so limited. We will continue to reach out to our supporters for help and, once again, to our champions at the State Legislature and in Congress to help fulfill the State of Hawai'i's pledge to heal this damaged landscape, preserve a vital connection to our island's rich cultural heritage and create a place where traditional cultural and spiritual customs, beliefs, and practices of the Hawaiian people can be freely practiced and flourish.

Michael K. Nāho'opi'i
Executive Director
Kaho'olawe Island Reserve Commission



COMMISSIONERS:

County of Maui Representative

Michele Chouteau McLean, Chairperson

Protect Kaho'olawe 'Ohana Representative

Amber Nāmaka Whitehead, Vice-Chair

Protect Kaho'olawe 'Ohana Representative

Noa Emmett Aluli

Protect Kaho'olawe 'Ohana Representative

C. Kaliko Baker

Dep't of Land & Natural Resources Representative

Suzanne Case

Native Hawaiian Organization Representative

Hökūlani Holt

Office of Hawaiian Affairs (OHA) Representative

Carmen Hulu Lindsey

STAFF:

Executive & Administrative

Michael K. Nāho'opi'i, Executive Director

David DeMark, Administrative Specialist III

Ānela Evans, Volunteer Coordinator

Terri Gavagan, Commission Coordinator

Ka'ōnohi Lee, Administrative Officer

Mei Mailou-Santos, Administrative Specialist II

Kelly McHugh, Public Information Specialist

Carmela Noneza, GIS/LAN Specialist

Programs & Operations

Dean Tokishi, Ocean Resources Specialist III

Jennifer Vander Veur, Ocean Resources Specialist II

Paul Higashino, Natural Resources Specialist V

Lyman Abbott, Natural Resources Specialist III

Jamie Bruch, Natural Resources Specialist III

Lopaka White, Natural Resources Specialist II

Bart Maybee, UXO Safety Specialist

Charlie Lindsey, Maintenance & Vessel Specialist

Grant Thompson, KIR Specialist III

Kui Gapero, Cultural Resources Project Coordinator

MAUI COUNTY PRODUCT ENRICHMENT PROGRAM (CPEP)

This publication is made possible by grant support through the Maui County Product Enrichment Program (CPEP). A cooperative partnership promoting community-based tourism initiatives through the Hawai'i Tourism Authority (HTA) and County of Maui, the program supports a year round calendar of unique experiences that are shared by our communities and attract visitors.



INSPIRING RESIDENTS & VISITORS TO REVITALIZE KAHO'OLAWE



Kukui Gavagan performs with the Institute of Hawaiian Music & friends at Mahina'ai Night (May 2015)

HŌ'OLA IĀ KAHO'OLAWE

As a result of grant partnerships made last year through the Hawai'i Tourism Authority, the KIRC effectively engaged a new community of volunteers to experience & support Kaho'olawe from the island of Maui. Monthly Kāko'o iā Kaho'olawe Work Days geared to initiate the trail, hale and nursery projects (pages 24 & 25) at our Kihei site were met with great success in participation, media support and developing partnerships to advance work projects on and for Kaho'olawe. In an effort to expand this awareness of Kaho'olawe, we proudly partnered with the Maui County Product Enrichment Program (CPEP) this year to design an annual Hō'ola iā Kaho'olawe Event Series.

Through monthly daytime and evening events, all free and open to the public, the Hō'ola iā Kaho'olawe Event Series strengthens the KIRC's connection with Maui communities by promoting Kaho'olawe culture and history through mele and mo'olelo, with focus on sustainability and conservation, and engages Maui residents & visitors in truly unique cultural and educational experiences.

2015 Kāko'o iā Kaho'olawe Work Days

Participants make an active contribution to the restoration of Kaho'olawe by working on the walking trail and native plant nursery to propagate plants for Kaho'olawe. Complimentary lunch is included for volunteers as program experts share knowledge of Kaho'olawe restoration techniques and Hawaiian history. (8 am - 12 pm)

2015 Mahina'ai Nights

Guests join a guided tour of our walking trail while learning about Kaho'olawe. They then gather at the KIRC's native plant nursery, where historical artifacts from Kaho'olawe are on display, to enjoy live entertainment provided by University of Hawai'i Maui College's Institute of Hawaiian Music. Food vendors are also on site to provide non-alcoholic beverages and appetizers, at a cost. (6 - 8 pm)

These important community-building events invite individuals and groups to directly engage in the myriad benefits offered by and through Kaho'olawe. Through this program, we have met hundreds of individuals that may not be able to commit to the physical, time or financial commitments incurred by an on-island volunteer work trip, but are eager to be involved. We see this as an important step in ensuring that the people of Hawai'i have access to Kaho'olawe, and in involving the broader community in developing the Kaho'olawe Education and Operations Center (page 25).

MORE AT: kahoolawe.hawaii.gov/mahinaai



BACKGROUND

Kaho'olawe is the smallest of the 8 main islands in the Hawaiian Archipelago. 11 miles long, 7 miles wide and comprised of approximately 28,800 acres, the island is of volcanic origin with the highest elevation of 1,477 feet. The slopes are fissured with gulches 50 to 200 feet deep. Approximately 30% of the island is barren due to severe erosion. Formidable cliffs dominate the east and south coast.

From 1941 to 1994, Kaho'olawe and its surrounding waters were under the control of the U. S. Navy. Both the island and its waters were used by the U. S. Navy and allies as a live-fire training area. Despite clearance efforts, unexploded ordnance (UXO) is still present and continues to pose a threat to the safety of anyone accessing the island or its waters.

A decades-long struggle by the people of Hawai'i, particularly the Protect Kaho'olawe 'Ohana (PKO), succeeded in stopping the bombing of Kaho'olawe and helped to spark the rebirth and spread of Native Hawaiian culture and values. An act of Congress in 1994 conveyed the island back to the State of Hawai'i, although the Navy — responsible for a 10-year cleanup of UXO on Kaho'olawe — retained control over access to the island until November 2003.

A treasured resource for all of Hawai'i's people, Kaho'olawe is of tremendous significance to the Native Hawaiian people. In recognition of the special cultural and historic status of Kaho'olawe, the island and the waters within 2 nautical miles of its shores have been designated by the State of Hawai'i as the Kaho'olawe Island Reserve (Reserve).

The Reserve, comprised of undeveloped, rugged shoreline, arid landscape and expansive cliffs, was established for the preservation of traditional Native Hawaiian cultural, spiritual and subsistence purposes, rights and practices, including: preservation of Kaho'olawe's archaeological, historical, and environmental resources; rehabilitation, revegetation, habitat restoration; education; and fishing.

In 1994, the Kaho'olawe Island Reserve Commission (KIRC) was established by the State of Hawai'i, under the Hawai'i Revised Statutes, Chapter 6K, to manage Kaho'olawe, its surrounding waters, and its resources, in trust for the general public and for a future Native Hawaiian sovereign entity.

The KIRC gives dimension to its purpose within its vision statement, which calls not only for the Reserve's environmental restoration, but also for the restoration and growth of Native Hawaiian cultural practices through human access and interaction within the Reserve.



400 - 1750

Native Hawaiians settle and continue to migrate from the South Pacific to Hawai'i. Kaho'olawe is dedicated to Kanaloa, Hawaiian deity of the ocean, and also historically referred to as Kohemalamalama O Kanaloa.

1793

Goats are introduced to Kaho'olawe, a gift from Captain Vancouver to Chief Kahekili of Maui.

1824—1852

Missionary activities and penal settlement.

1858—1941

Ranching era. 1890 census reveals 9,000 goats, 12,000 sheep and 900 cattle on island. Extensive erosion and loss of topsoil takes place.

1941

Upon the attack on Pearl Harbor, the U.S. declares martial law, which leads to the use of Kaho'olawe as a bombing range.

1941—1988

The goat population on Kaho'olawe nears 50,000.

1953

President Dwight D. Eisenhower transfers title of Kaho'olawe to the U.S. Navy with the provision that it be returned in a condition for "suitable habitation" when no longer needed by the military.

1976

First Protect Kaho'olawe 'Ohana (PKO) island occupations. Litigation follows.

1980

A consent decree is signed between the U.S. Navy and the PKO, which results in a Memorandum of Understanding requiring the Navy to begin soil conservation, revegetation, and goat eradication programs.

1981

Kaho'olawe is listed on the National Register of Historic Places and is designated the Kaho'olawe Archaeological District.

1990

President George Bush Sr. orders a stop to the bombing of Kaho'olawe as a result of PKO actions and litigation.

1993

Senator Daniel K. Inouye (D-Hawai'i) sponsors Title X of the Department of Defense Appropriations Act, which authorizes conveyance of Kaho'olawe and its surrounding waters back to the State of Hawai'i. Congress votes to end military use of Kaho'olawe and authorizes \$400 million for ordnance removal. Navy removes the last goat.

1994

Formation of the Kaho'olawe Island Reserve Commission (the KIRC). U.S. Navy conveys deed of ownership of Kaho'olawe to the State of Hawai'i.

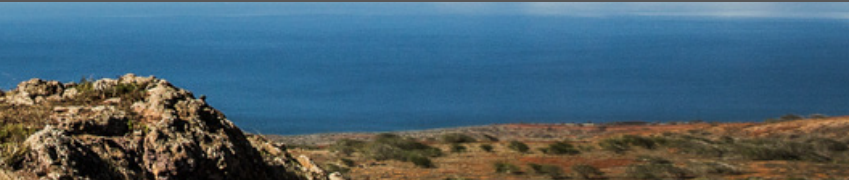
1997

Construction of 3 rain ko'a to honor Kane and call for rain on Kaho'olawe, launching a series of cultural construction projects including Kuhu Ke'e, a modern cultural site at Kealaikahiki to mark the return of voyaging canoes to Kaho'olawe (2004) and the initiation of the Ala Loa (2009), all of which allow for greater cultural access.

1997—1998

U.S. Navy awards contracts for the removal of unexploded ordnance on Kaho'olawe and commences the Kaho'olawe UXO Clearance Project. 10% of the \$400M budget becomes the Kaho'olawe Rehabilitation Trust Fund to launch support of all KIRC programs & operations.

KAHO'OLAWE TIMELINE



2003

The KIRC develops Access Guide Training Program to provide unexploded ordnance (UXO) and safety escorts to support all Island users.

2003

Transfer of access control is returned from the U.S. Navy to the State of Hawai'i in a ceremony at 'Iolani Palace on November 11, 2003.

2004

U.S. Navy ends the Clearance Project. 75% of the island is now *surface*-cleared of unexploded ordnance. 10% of this area is cleared to a depth of 4 ft. 25% remains uncleared and unsafe for unescorted access.

2008

The KIRC designs the 'Ohua landing craft as its primary means of cargo, personnel and volunteer transport — significantly reducing overhead costs while improving logistics efficiency. 'Ohua is housed at the KIRC's Kihei Boat House site, (built in 2004; prompted by a 2002 executive order designation of 8 acres of property for the KIRC's future use as an operations, educational and cultural center).

2009

In partnership with Maui Community College, the first solar panels are installed on Island (powering Honokanai'a's hot-water system), thereby launching the KIRC's long-term plan for Kaho'olawe to become the first energy self-sustaining island in Hawai'i.

2013

Prompted by a Legislature-mandated audit, which concluded that the Trust Fund would be depleted by 2016, an awareness campaign is launched to inspire the public to help the KIRC appeal for State funding of Kaho'olawe programs & operations.

2014

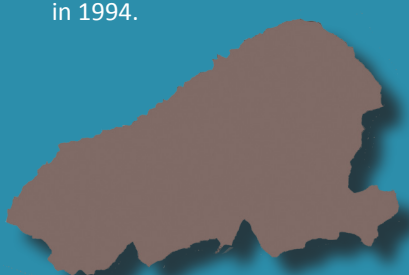
Grant awards help to establish a public walking trail, native plant nursery and traditional hale at the Kihei Boat House property, positioning the site as a community gathering place for Kaho'olawe education, outreach and core program integration. Schools and other community groups begin to access the site as a means of Kaho'olawe revitalization, thereby greatly expanding access beyond the logistical & financial limitations of access to the Reserve.

2014

He Moku Poina 'Ole (The Island Does Not Forget / An Island Not Forgotten), an exhibition of historical photographs previously shown in 1996 (Honolulu, HI) and 2002 (Washington, D.C.), is displayed at the Maui Historical Society, drawing support in preparation of the critical 2015 Legislative Session.

2015

The KIRC is appropriated \$1M in General Funds; marking the first appropriation since the Federal Government's initial provision in 1994.



SCOPE

FY15

25,312	Volunteer hours contributed on-island by 791 individuals
4,040	Volunteer hours contributed at the KIRC's Kihei Boat House site by 1,910 individuals
33	Community-based organizations participating on-island
4,796	Individuals directly participating in education & outreach programs off-island
4,870	Hours of professional development for Native Hawaiian students

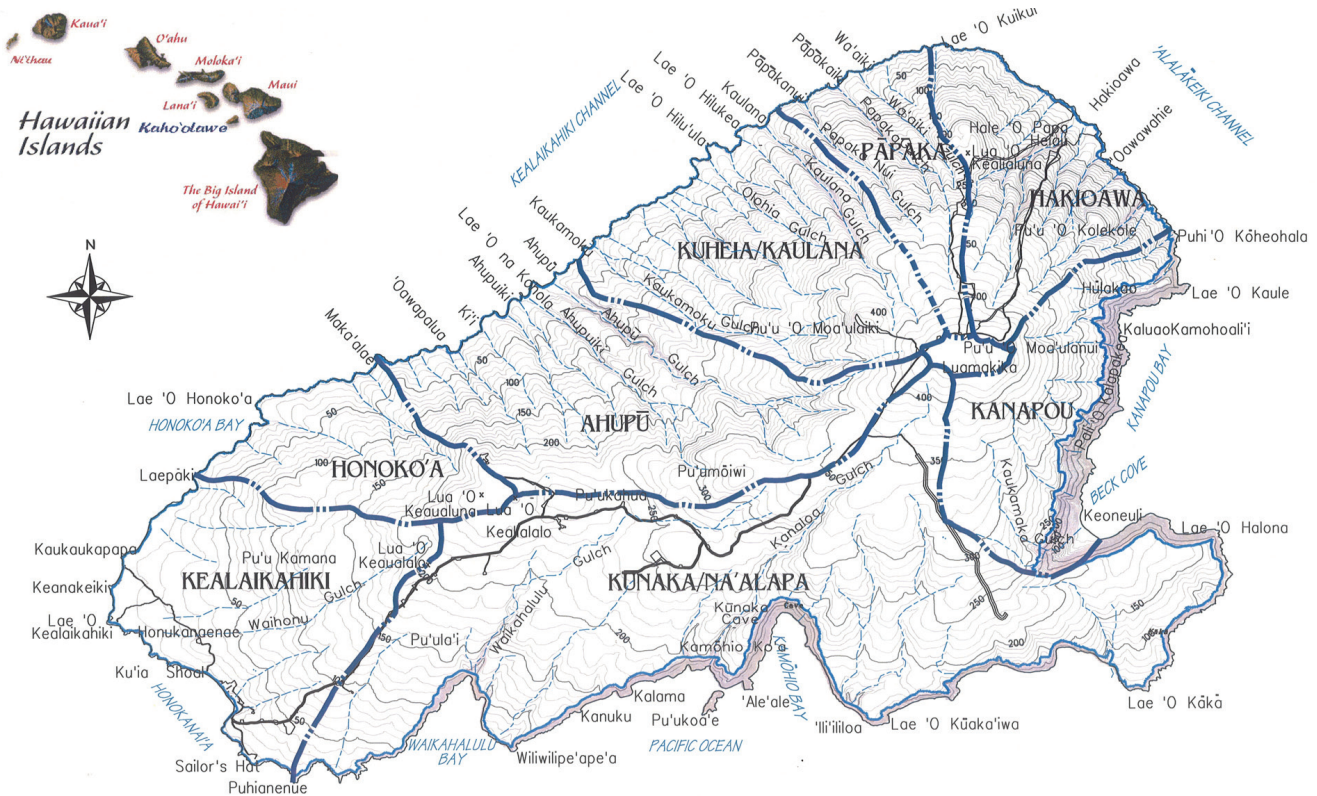
OVERALL

21	Years in existence with 12 years of access management
42	Tons of marine debris removed from the Reserve
3,000	Cultural sites listed on the National Register of Historic Places
11,169	Volunteers escorted, trained and educated on-island
400,000	Native plants (re) introduced

By statute, the Commission consists of **7** members appointed by the Governor — provided that **1** is a member of the Protect Kaho'olawe 'Ohana; **2** are appointed from a list provided by the Protect Kaho'olawe 'Ohana; **1** is a trustee or representative of the Office of Hawaiian Affairs; **1** is a county official appointed from a list provided by the Mayor of the County of Maui; **1** is the Chairperson of the Board of Land and Natural Resources; and **1** is appointed from a list provided by Native Hawaiian Organizations.



The landing craft, 'Ohua, a 39-foot aluminum vessel, is the KIRC's sole means of transport to & from Kaho'olawe. Designed and built in 2007, it transfers all cargo, volunteers, staff, equipment and supplies.



FRAMEWORK

Commissioners (7)

Executive Director (1)

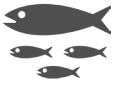
Programs Staff (7)

Operations Staff (3)

Executive & Admin Staff (7)

Volunteers (791 in FY15)

CORE PROGRAMS:



The **OCEAN PROGRAM** manages marine resources within the Reserve, fostering ancestral knowledge while integrating both ancient and modern resource management techniques.



The **RESTORATION PROGRAM** restores native, land-based habitats and watersheds through erosion control, botanical and faunal restoration, and enhancement of the island's natural water systems.



The **CULTURAL PROGRAM** provides for the care and protection of Kaho'olawe's cultural resources and the expansion of meaningful, cultural use of the island.



The **OPERATIONS PROGRAM** provides transport, maintenance, manpower, safety and oversees the Access Guide Training Program, which provides unexploded ordnance (UXO) and safety escorts to support all Island users.



The **ADMINISTRATION PROGRAM** supports all other programs while also managing volunteers, GIS mapping, community outreach, library, archive and collections management, fund development, finance and human resources.

VOLUNTEERS:

Restoration of the Kaho'olawe Island Reserve is a monumental endeavor; one that far exceeds the available funding and staffing of the KIRC. It is an effort that will require thousands of hands over several generations to accomplish. To best leverage available funds, while making the most productive use of staffing, this work depends upon the charitable work of thousands of inspired volunteers. See page 26 for more.

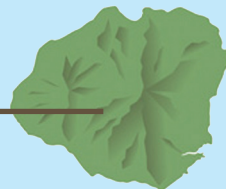
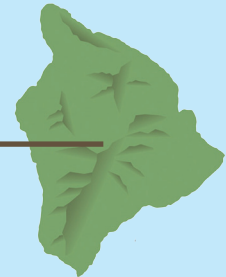
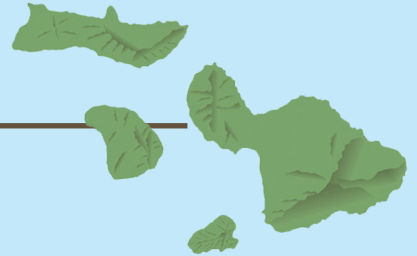
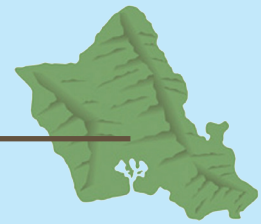
47%
O'AHU

37%
MAUI
NUI

12%
HAWAI'I
ISLAND

03%
KAUA'I

01%
OTHER



*Percentages are from FY15

FREQUENTLY ASKED QUESTIONS (FAQ)



Who is responsible for the management of the Kaho'olawe Island Reserve?

The Kaho'olawe Island Reserve Commission (KIRC) was established in 1993 by the Hawai'i State Legislature to manage the Reserve. Composed of seven commission members, the KIRC relies on an exemplary staff with expertise in Native Hawaiian culture, ocean management, environmental restoration, planning, policy development, and ordnance safety to fulfill this responsibility.

What is being done to restore the Reserve?

The KIRC has active restoration projects on land and sea, including revegetation, erosion control, data collection & analysis, monitoring, removal of invasive species, irrigation development and more. Use this *Year-in-Review* to learn more.

How can I go to Kaho'olawe?

Entrance into the Reserve is authorized through either A) a KIRC led volunteer work trip; B) submitting an access permit request, which must be approved at a

public meeting of KIRC Commissioners; or C) through our regulated trolling permit program. The Commission may also authorize entrance into the Reserve to conduct limited activities listed in HRS 6K through written applications to the Commission. The Commission will review the request at a regularly scheduled public meeting and may approve or disapprove based upon the request's merits, compliance to State rules and safety procedures.

Is Kaho'olawe safe?

Unauthorized entrance into the Reserve is *not* safe due to the presence of unexploded ordnance and environmental hazards. Only escorted entrance that is approved and authorized by the KIRC is reasonably safe. All participants must closely follow established land uses and activity restrictions established by the KIRC's *Access and Risk Management Plan*, which can be downloaded at kahoolawe.hawaii.gov/plans-policies-reports.

How does the KIRC care for Kaho'olawe's cultural resources?

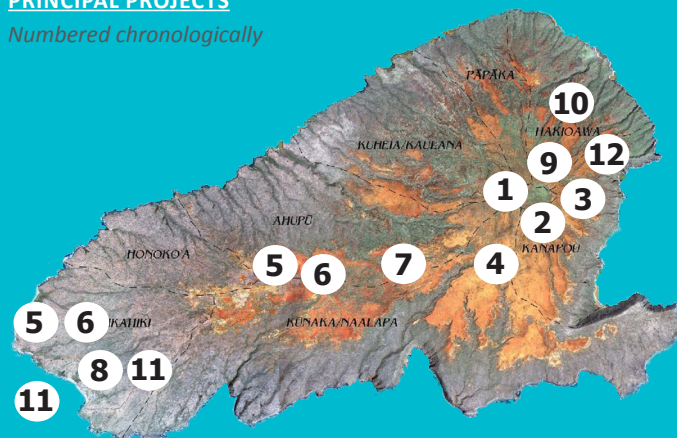
The KIRC works closely with the State Historic Preservation Division to ensure cultural resources are protected in accordance with Federal and State laws. Cultural protocols are carefully followed and cultural practitioners routinely participate in planning and conducting cultural activities. Restoration work is continuously carried out in archaeological and cultural sites throughout the island.

Is fishing or boating allowed in the Reserve?

Trolling is permitted on two scheduled weekends each month in waters deeper than 30 fathoms (180 feet). No other fishing, ocean recreation or activities are allowed within the Reserve. Bottom fishing or use of anchors is prohibited due to the hazard of unexploded ordnance and risk of damage to coral and other areas of the marine ecosystem. Visit kahoolawe.hawaii.gov/announce to download a *Trolling Right of Entry Registration Packet*.

PRINCIPAL PROJECTS

Numbered chronologically



Since the 2004 departure of the U.S. Navy and concurrent transfer of the Reserve's access management to the State, enormous strides have been made in restoring Kaho'olawe, thanks to a strong network of volunteers and grant supporters. Principal projects include:

- D4 (#1: 5 acres, 1998)
- Luamakika (#2: 30 acres, 1999)
- Hakioawa Watershed (#3: 125 acres, 2003; #9: 250 acres, 2005; #12: 108 acres, 2012 & 2015)
- Native Hawaiian Plantings (#4: 10 acres, 2003)
- Keāliālalo (#5: 100 acres, 2005) + Kaukaupapa (#6: 10 acres, 2005)
- Pu'umōiwi Bypass Road (#7: 10 acres, 2005)
- Honokanai'a wetlands (#8: 3 acres, 2005)
- South Trail (#10: 5 acres, 2008)
- Honokanai'a coast (#11: 6.3 acres of land + 37.5 acres of ocean, 2012 & 2015)

FREQUENTLY ASKED QUESTIONS (FAQ)



Are there special rules that apply?

Yes. Hawai'i administrative rules *Chapter 13-261* are specifically applicable to the Kaho'olawe Island Reserve. The Reserve is divided into two zones: A and B. Zone A includes all the submerged lands and waters between Kaho'olawe's shoreline and the waters under 30 fathoms. Unauthorized entry into Zone A is prohibited at all times. Zone B includes all waters and submerged lands between a depth of 180 feet and two nautical miles from the shoreline of the island. Unauthorized entry into Zone B is prohibited at all times, except for trolling on the days stipulated at kahoolawe.hawaii.gov/announce. Trollers must remain underway at all times while in Zone B.

Who enforces the rules?

The rules governing use of the submerged lands and waters within two nautical miles of the shoreline of Kaho'olawe are enforced by the State of Hawai'i, Department of Land and Natural Resources, Division of Conservation and Resources Enforcement (DOCARE), the KIRC and the U.S. Coast Guard. Any person violating these rules

is guilty of a petty misdemeanor and shall be fined up to \$1,000 or imprisoned up to 30 days. The KIRC may also assess administrative fines of up to \$10,000 per offense.

What is planned for Kaho'olawe?

Current initiatives include:

- Assessing and stabilizing cultural sites, and providing for appropriate access and cultural practices.
- Systematically restoring the native environment.
- Developing a significant volunteer base for the purposes of cultural and natural resource restoration.
- Installing and maintaining appropriate and sustainable infrastructure, including on-island improvements.
- Improving and establishing new energy, communications and water resources, as well as a Kaho'olawe Education and Operations Center in Kihei.
- Developing an enforcement network spanning the community and

government to protect Kaho'olawe and its waters from illegal, inappropriate and unsafe uses.

- Maintaining a significant on-island presence for the purposes of managing and protecting the Reserve.
- Creating and distributing educational programs and materials to further the public's understanding of the cultural, historical and spiritual significance of Kaho'olawe.

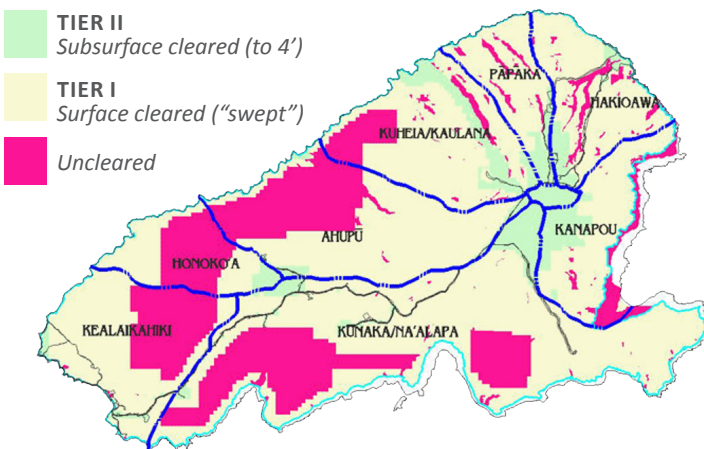
Can someone from the KIRC come to my school or organization to talk about Kaho'olawe?

Yes, the KIRC provides speakers and materials to educate students and community groups about Kaho'olawe. Please call the KIRC office at (808) 243-5020 for more information.

How can I help Kaho'olawe?

Simply by sharing our resources, volunteering or donating, you can make a huge impact to our efforts on Kaho'olawe. Please visit page 30 for "10 Ways to Help."

CURRENT CLEARANCE MAP



When the Navy transferred access of Kaho'olawe to the State of Hawai'i in 2004 and departed the island, it had not been entirely cleared of ordnance.

An estimated one-third of the island has yet to be cleared and it is not uncommon to find new ordnance. In the Procedural Agreement between the Navy and the State, the Navy is mandated to conduct regular interval clearance and removal of newly discovered ordnance, as required under Title X. If ordnance is found on the surface where human access occurs, a Navy response team effort is engaged. The team provides its own transportation to and from the island and is responsible for safe storage and transport of any explosives needed for the response. The Navy also covers the cost of removal, which comes from money in the Trust Fund. When the fund is exhausted, the Navy will draw funds from other programs.

FY15 AT-A-GLANCE



JULY 2014

A year-long service learning partnership begins with **Kihei Charter School** wherein 50 eighth-grade students spend two mornings per week at the Kihei Boat House site preparing the Kaho'olawe walking trail and native plant nursery for public access.

Volunteers from the **Hawai'i Youth Conservation Corps** (92), **PKO** (37) and the KIRC's **Hui Kāpehe** (7) internship program participate in restoration and cultural accesses on Kaho'olawe.

The KIRC participates in the 22nd Annual **Hawai'i Conservation Conference** (HCC) in Honolulu, sharing best practices to bolster island conservation in the Pacific.

AUGUST 2014

A second round of **I Ola Kanaloa!** meetings are held statewide (visit iolakanaloa.org), as stakeholders KIRC, PKO and OHA present findings from the first round. (*Learn more on page 28*).

Volunteers from the **Hawai'i Nature Center** (18) participate in a restoration program access, as does **I am Hāloa**, a student film project promoting a traditional diet.

SEPTEMBER 2014

KIRC receives the **U.S. Coral Reef Task Force Award** + collaborates with **Pacific Whale Foundation** for the *Making Waves Lecture Series* at Ma'alaea Harbor.

Volunteers from the **Hawai'i Nature Center** (8), **PKO** (39), **Ka 'Olu Makani O Mauna Loa** (12) **UH Mānoa Richardson School of Law** (26) and **Honolulu Civil Beat** (2) participate in restoration and cultural accesses.

OCTOBER 2014

He Moku Poina 'Ole (*An Island Not Forgotten/ The Island Does Not Forget*), an exhibition of historical Kaho'olawe photographs, is presented at the Maui Historical Society/ Bailey House Museum. Education and outreach activities directly serve 1,200+ individuals.

KIRC participates in **UH Maui College's Career Fair** + the **'Aimalama Symposium** organized by *Loli Aniau, Maka'ala Aniau* (Climate Change, Climate Alert / LAMA) at UH Mānoa in order to inform both a lunar calendar symposium for indigenous practitioners from the Pacific and discussions for the 2016 IUCN World Conservation Congress.

Volunteers from **Pacific Century Fellows** (17), **DLNR** (19), **KHON2 News** (2), **Kamehameha Kea'au** (24) and **PKO** (34) participate in

restoration and cultural accesses on Kaho'olawe. Additionally, 10 tons of marine debris is prepared for removal by Ocean Program volunteers (16) at Kanapou Bay as part of the **NOAA Marine Debris Program** grant project.

KIRC engages the **UH Engineering** department to help install underwater sensors and data loggers for its **Hawai'i Department of Health, Clean Water Branch** grant project.

Supported by the Alu Like, Inc. grant project *Hui Kāpehe*, KIRC staff participates in the **Native Indian Education Association's** 45th annual conference in Anchorage, AK to exchange best practices and learn about additional opportunities in the field of Native Hawaiian career & technical education programming.

NOVEMBER 2014

Volunteers from **Queen Lili'uokalani Childrens' Center** (24), **Four Seasons Resort Maui** (23), **Laupahoehoe Public Charter School** (16) and **Native Hawaiian Legal Corporation** (10) participate in restoration program accesses. Members of the **PKO** (26) access Kaho'olawe to open the Makahiki season.

Ocean Program staff supports a *Hui Kāpehe* intern during their participation in the 3rd **International Conference on Marine Mammal Protected Areas** in Sydney, Australia. *Participation sponsored by the Alu Like, Inc. grant project.*

DECEMBER 2014

Maui Invasive Species Committee (MISC) volunteers (14) and 36 **individual** volunteers participate in restoration and cultural accesses, (restoration: 20; PKO: 16).

JANUARY 2015

The KIRC introduces its legislative campaign to educate, motivate and inspire participation in the 2015 Legislative Session. (*Learn more on page 32*).

Maui Mayor Alan Arakawa & team conduct a site visit of County grant projects on Kaho'olawe, learning about the most effective way to position support for the **2015 Legislative Session**.

Monthly 2015 **Kāko'o iā Kaho'olawe Work Days** begin at the Kihei Boat House site, sponsored by the Maui County Product Enrichment Program, (*Learn more on pages 5 & 24*).

Winter issue of **Ko Hema Lamalama** is released, featuring a preparation guide for the 2015 Legislative session, volunteer spotlight on Vernon Wong, grant and outreach highlights and an *Ola Kanaloa* update.

Commissioners meet for the first of 2 FY15 meetings, approving

FY15 AT-A-GLANCE



the amended budget, legislative strategy, annual PKO access dates & activities and support of the *I Ola Kanaloa* plan. Additional topics of discussion included a FY2016 demobilization plan and a marine mammal notification process.

Student volunteers from **Kula Kaiapuni 'O Kekaulike** (19) participate in a cultural program access.

FEBRUARY 2015

The Ocean Program team engages **Iao Preschool** in an outreach initiative of its NOAA Marine Debris Program grant project, whereby children repurpose marine debris to create school art projects.

Pūnana Leo O Maui (19) and **U.S. Fish & Wildlife Service** volunteers (16) participate in a restoration program access while members of the **PKO** (26) close the Makahiki season.

An outreach program at **Pomaika'i School** engages students in Kaho'olawe projects relating to a curriculum in renewable energy and natural ecosystems.

Legislative hearings for HB438 (1 hearing), SB897 (2 hearings) and SB470 (2 hearings) are complemented by extensive outreach and education efforts.

MARCH 2015

Volunteers from **Maui Youth Leadership Academy** (10), **UH Hilo Kilohana Program** (14), **Hawai'i Air National Guard Nā Koa** (12), **Kailua High School** (19) and **PKO** (76) participate in restoration and cultural accesses on Kaho'olawe.

KIRC and PKO representatives are part of a panel discussion on "Charting a Way Forward" at the **William S. Richardson School of Law** to support KIRC efforts during the current legislative session.

2 Legislative hearings for HB438 prompt substantial community engagement.

APRIL 2015

KIRC staff members visit **Punahou School** to help mentor 7th grade students' solutions for Kaho'olawe. Later, they participated in "*Wa'a Talks*" — a program of the **Polynesian Voyaging Society** connecting like-minded organizations with the goals and outcomes of the **Mālama Honua Worldwide Voyage**.

50 **Kihei Charter School** students participate in a collaborative **mural art program** at the Kihei Boat House Site. Led by KIRC staff and Maui artists Valentin Miró-Quesada & Jennifer Brown, a 40' mural illustrating volunteers requesting permission to serve Kanaloa, with ho'okupu of native plants, now graces the native

plant nursery area.

Volunteers from **Kamehameha Schools Class of 1990** (9), **PKO** (58) and **The Calling** (15) participate in restoration and cultural accesses.

Spring issue of **Ko Hema Lamalama** is released, featuring a guide to the legislative process, an appeal for state funding by UH Law student Jordan Inafuku, and stories regarding saving endangered species; preventing extinction; cultural exchange with Russia; a day in the life of the 'Ōhua and more.

Legislative hearings and committee meetings regarding HB438, HB500 and SB1299 continue.

MAY 2015

The KIRC's inaugural **Mahina'ai Night** takes place at the Kihei Boat House site, enjoying participation by 100+ community members. Monthly events will follow. (*Learn more on page 24*).

KIRC staff presents at the **Celebration of the Arts** at the Ritz Carlton Kapalua, focused on "how we can learn from the past to positively affect the future of all things Hawaiian."

Volunteers from **Kamehameha Schools Class of 1971** (13), **Friends of First Hawaiian Bank** (13), **Kihei Charter School** (50) and **PKO** (42) participate in restoration and cultural accesses.

The KIRC is invited to appear on **PBS Hawai'i's INSIGHTS** television program to engage in the discussion, "What Is the Best Future for Kaho'olawe?"

Legislative session ends, resulting in 1/3 of the minimum budget required to maintain current KIRC operations. KIRC launches **Aloha Kaho'olawe** GoFundMe membership campaign to solicit support from individual community members.

JUNE 2015

Volunteers from **Ka Pā Hula O Ka Lei Lehua** (41) participate in a restoration and cultural access.

Aloha Kaho'olawe GoFundMe membership campaign results in 457 individual donations by the end of its first 30-day run.

Summer issue of **Ko Hema Lamalama** is released, featuring membership information, an update on grant activity at the Kihei Boat House site, volunteer spotlight on Kevin Gavagan, personal anecdotes & research updates and more.

Commissioners meet for the second of 2 FY15 meetings to approve the budget and related contracts for FY16. Members of staff and community offered testimony regarding the KIRC's future in light of severe FY16 budget cuts.

FY15 GRANT PROJECTS

The monumental task of restoring, preserving, protecting and providing access to Kaho'olawe calls for tremendous physical, intellectual and financial support.

The federally granted \$44M *Kaho'olawe Rehabilitation Trust Fund* dispensed between 1995 and 2004 — now nearly dissipated (see page 30) — was authorized to provide program support for the short term with the understanding that State revenues would follow in order to continue and enhance activities initiated with Federal funds. To date, however, the State has not contributed regular funding for Kaho'olawe.

While the KIRC develops innovative ways to control erosion, restore plant life and manage ocean resources, we also preserve thousands of cultural sites and provide a space to both learn and practice the Native Hawaiian culture. With each volunteer trip and educational opportunity, the KIRC provides a new perspective on the responsibility to improve Hawai'i.

We wish to extend our greatest appreciation to the groups listed on the next page for their invaluable guidance and financial support of our FY15 grant projects.



FY15 GRANT PROJECTS

START- END	GRANT PROGRAM	GRANT PROJECT
Nov 2012- Oct 2014	Hawai'i Community Foundation's (HCF) Community Restoration Partnership, funded by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) Restoration Center	"Bridging Land, Sea and Native Cultural Practices": \$79,609 to restore 6.3 land acres + 37.5 ocean acres at Honokanai'a.
Sep 2013- Dec 2014	Alu Like, Inc. Native Hawaiian Career and Technical Education Program in partnership with the U.S. Department of Education (DOE)	"Hui Kāpehe": \$302,837 to launch a paid college internship program preparing Native Hawaiians to be competitive in the workplace via career and technical education (CTE) programs.
Jan 2014- Dec 2014	The Atherton Family Foundation	"Ai Pono: Hawaiian Native Foods and the Restoration of Kaho'olawe": \$10,000 to launch a native food program at the Kihei site.
Jan 2014- Dec 2014	Kukulu Ola – Living Hawaiian Culture Program, a partnership of the Hawai'i Community Foundation and Hawai'i Tourism Authority (HCF-HTA)	"Hale Hooulu Mea Kanu and Kalamalama: Building Bridges Between Kaho'olawe and Kihei": \$20,000 to construct a hale and native plant nursery at the Kihei site, supported by volunteers of the Kāko'o iā Kaho'olawe Work Days and Hui Kāpehe interns.
Jan 2014- Dec 2014	The Natural Resources Program, a partnership of the Hawai'i Community Foundation and Hawai'i Tourism Authority (HCF-HTA)	"Kaho'olawe Walking Trail": \$20,000 to create a public, educational walking trail at the Kihei site via monthly Kāko'o iā Kaho'olawe Work Days.
Jul 2013- Aug 2015	National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program	"Marine Debris Removal on Kaho'olawe": \$100,529.98 to remove 10 tons of marine debris from 'Oawawahie, Kanapou and Puhianenu.
Nov 2013- Jun 2015	The National Fish and Wildlife Foundation (NFWF) Keystone Initiatives	"The Kaho'olawe Island Seabird Restoration Project": \$129,643.42 to develop a project team, outreach and business plan to remove invasive vertebrates from Kaho'olawe.
Apr 2014- Jun 2015	Office of Economic Development, County of Maui (OED)	"Photovoltaic Energy for Kaho'olawe Base Camp, part II": \$25,000 to build a PV system that will power Base Camp HUT 12, an important step towards converting all Kaho'olawe operations to green energy.
Sep 2014- Dec 2015	Alu Like, Inc. Native Hawaiian Career and Technical Education Program in partnership with the U.S. Department of Education (DOE)	"Hui Kāpehe": \$269,113 to continue Native Hawaiian internship program in career and technical education (CTE).
Oct 2014- Sep 2016	Native Hawaiian Museum Services (NHMS), Institute of Museum and Library Services (IMLS)	"Virtual Museum Pilot Program": \$49,935 to archive and digitally publish a sampling of Kaho'olawe images for public access.
Jan 2015- Sep 2015	Hawai'i Council for the Humanities (HCH) Preservation and Access Grant Program	"Virtual Museum Pilot Program": \$5,000 to create a work station and outreach guide for above database.
Jan 2015- Dec 2015	Hawai'i Community Foundation's Community Restoration Partnership (HCF CRP)	"The Healing of Kaho'olawe: Building Community to Restore Honokanai'a": \$50,000 to expand coastal and marine restoration at Honokanai'a.
Jan 2015- Dec 2015	The Maui County Product Enrichment Program (CPEP), a cooperative partnership through the Hawai'i Tourism Authority (HTA) and County of Maui	"Hō'ola iā Kaho'olawe Event Series": \$20,000 to continue monthly (12) Kāko'o iā Kaho'olawe Work Days + produce (7) Mahina'ai Night/full moon outreach events at the Kihei site.
Apr 2013- Jun 2016	Hawai'i Department of Health, Clean Water Branch (DOH) <i>NOTE: Initially a \$204,187.61 grant with a project period of April 2013 - June 2015, a 12-month extension was offered in June 2015, including an additional appropriation of \$90K.</i>	"Reducing Excessive Sedimentation in the Hakioawa Watershed of Kaho'olawe Island by Restoring Native Ecosystems": \$294,187.61 to diminish the ecological impact on Reserve reef communities via native plantings and other erosion control methods.
Jun 2015- Jun 2016	Office of Economic Development, County of Maui (OED)	"Photovoltaic Energy for Kaho'olawe Base Camp, part III": \$25,000 to continue PV program at Honokanai'a Base Camp.

Grant projects with activity during FY15

FY15 OCEAN PROGRAM REPORT



Ocean staff engaging volunteers in an educational exchange at Kealaikahiki

FIELD SURVEYS

This fiscal year, the Ocean Program introduced a coastal hike program for volunteers covering 3 miles of shoreline within the Kealaikahiki 'Ili. Quantitative and qualitative information was collected and analyzed, with data addressing climate/ weather changes, marine and terrestrial vegetational growth and presence of protected species. We found that by engaging volunteers in these hikes, we were able to foster a better understanding of the value of having an intact marine managed area rather than through the formerly practiced lecture-style exchange. Moving into the next fiscal year, we project a decrease in our capacity to capture data and to adequately educate our constituents due to both the reduction in Ocean Program staff and number of planned accesses to the Reserve.



KIRC intern conducting an underwater survey

ISLAND-WIDE UNDERWATER SURVEYS

One of our primary concerns for FY16 is the potential threat to near shore Reserve resources. In order to obtain an accurate snapshot of current resources, the Ocean Program collaborated with the Nature Conservancy, NOAA (Humpback Whale Sanctuary, Maui) and University of Hawai'i in FY15 to conduct surveys using SCUBA. This island-wide, underwater inventory process focused on near shore fish population and size, coral abundance and health and urchin population densities. The intensive effort produced 50 survey sites nearly circumnavigating the 33 miles of coastline around Kaho'olawe. The resulting data will add to the critical baseline for all future efforts.



Volunteers bag marine debris at Kanapou Bay

MARINE DEBRIS REMOVAL

Through the NOAA Marine Debris Program grant (p. 8), the KIRC successfully removed 11.9 tons of marine debris from 2.7 acres of Kaho'olawe in FY15. 329 volunteers (4,005 volunteer hours) contributed to these efforts, specifically in Kanapou, Puhianenu and 'Oawawahie; 3 bays notorious for debris aggregation. A portion of the 1,500 pounds of debris that was subsequently repurposed on Maui was used for Iao Preschool's recycled arts program, where keiki learned about the threats that marine debris can have upon the marine life that they modeled in their projects. The grant additionally enabled aerial surveys to monitor the rate of influx of marine debris re-introduction, thereby setting focal points for future service.



IN-WATER SEDIMENT TRAPS

During FY15, Ocean Program staff supported the DOH grant project by installing, changing out and removing 9 sediment traps at the reef area directly below the terrestrial project area. This effort is geared to show that a restored mauka watershed makes for a healthy makai marine ecosystem. *There were 3 traps set at Hakioawa, 3 at Hakioawa Iki and 3 at Kuikui.* Work will continue into FY16 as the grant project has been extended to June 2016.

FY15 OCEAN PROGRAM REPORT



Kāpehe engage in hands-on learning with Ocean staff within the Reserve

BOATER EDUCATION

Permitted trolling is allowed in *Zone B* (30 fathoms or deeper) of the Reserve on 2 designated weekends per month. Prior to entering the Reserve to fish, vessel owners must first register with the KIRC. This process allows staff the opportunity to interface with community fishers and to educate them about the importance of permitted rules, regulations and benefits of the Reserve for neighboring waters. To date, we average 100 statewide registrations annually. We project the continuation of this important initiative in FY16. *NOTE: Ocean Program staff works closely with DoCARE officers on reporting and direct communication when fishing violations do occur within the Reserve.*

NON-NATIVE REMOVAL

As a key component of the FY15 HCF grant project (see pages 8-9), the Ocean Program benchmarked the removal of 500 pounds of non-native/ invasive fish (Roi, Ta'ape, To'au) from the Honokanai'a Bay reef system. At the completion of the first grant project of FY15, a total of 738 pounds of fish had been removed via 691 fish, with each composted on Kaho'olawe to be used for plantings. Prior to composting, fish were weighed and measured and a gut analysis was done to determine stomach content, sex and reproductive status.

Another key component was to monitor coral health/ abundance change over time in relation to plantings executed directly inland of the reef. Photo plots were put into place to help determine a 9.1% increase in coral growth and over the 18-month life of the grant project — which will continue in FY16 due to the grant project's renewal.

HUI KĀPEHE PROGRAM

Through the KIRC's Hui Kāpehe internship program, Ocean staff has been able to provide a hands-on learning experience for students interested in the field of marine science. Students were provided the opportunity to obtain certifications in SCUBA and have been taught different Western (or modern-day) science survey techniques in monitoring everything from fish to 'opihi, a process that includes identification features of different species as well as their common, scientific and Hawaiian names. The internship program is a win, win, *win* situation: students with an interest in the field are exposed to a real-world setting where they can really learn about what the career entails; Native Hawaiian students are motivated to become marine managers and stewards; and the program helps our Ocean Program with able hands to do work in both the field and in the office. We project this program to continue in FY16.

FY15 RESTORATION PROGRAM REPORT



Known for breeding seabirds, Pu'ukoa'e ("Hill of the Tropic Bird") is the only area of the Reserve free from predators such as feral cats, rats and mice.

'Ua'u kani (Wedge-tailed Shearwaters) peer from their nest burrow.

SEABIRD RESTORATION

The end of FY15 marks the completion of the **Kaho'olawe Island Seabird Restoration Project's** first phase, an 18-month strategic planning process that developed a project team and the enabling conditions to remove invasive vertebrates from Kaho'olawe.

With a larger vision to restore the Kaho'olawe Island Reserve as a vibrant ecosystem filled with native Hawaiian species, the National Fish and Wildlife Foundation (NFWF) awarded the project a 2013-2015 grant that pulled local, statewide and national conservation champions together for the purpose of drafting a comprehensive business plan. Representatives included the Hawai'i Department of Land and Natural Resources, the Nature Conservancy of Hawai'i, the Hawaiian Department of Agriculture Pesticides Branch, the Hawaiian and Pacific Islands National Wildlife Refuge Complex, the Pacific Islands Fish and Wildlife Office and others.

In addition to the completion of a comprehensive business plan, several site visits were made to Kaho'olawe and 7,000 people were engaged in outreach activities through this grant.

Next steps to be addressed in FY16 include significant fundraising; monitoring and surveying of threatened and endangered seabirds like the 'ua'u, the Hawaiian hoary bat known as the 'ōpe'ape'a and pueo; field trials to determine the feasibility of various techniques; and the development of a bio-security plan to prevent the introduction and spread of invasive species.



Volunteers prepare an area of Honokanai'a for native plantings.

COASTAL RESTORATION AT HONOKANAI'A

As the point of entry to Kaho'olawe, and the site of the KIRC's Base Camp where all volunteers and staff are housed, Honokanai'a acts as both a model for those first arriving to island as well as an accessible, visual measure of success for those returning. The site as a whole is a unique cultural patrimony; protection of native cultural heritage promotes a better understanding of the past, and of the connection between land and ocean. These principles are at the core of the native Hawaiian belief system with the coral polyp (*ako ko ako`a*) as the first ocean life form in the Hawaiian creation chant, *Kumulipo*, and the spinner dolphin as the *kinolau* or manifestation of the god Kanaloa, the very essence of the island of Kaho'olawe.

In a team effort with the Ocean Program (see *Non-Native Removal* on page 17), 3,108 volunteer hours contributed to the outplanting of 1,000 native plants and removal of 260 lbs of non-native/ invasive fish from the **Hawai'i Community Foundation's Community Restoration Partnership** grant project area during FY15. In FY16 it is projected that the goal of planting 5,000 native plants and removing 500 lbs of non-native/ invasive fish to ease predation pressure on the marine ecosystem will be met. However, the program will fall short of the 8,320 volunteer hour goal due to severe cutbacks in the KIRC's volunteer program.

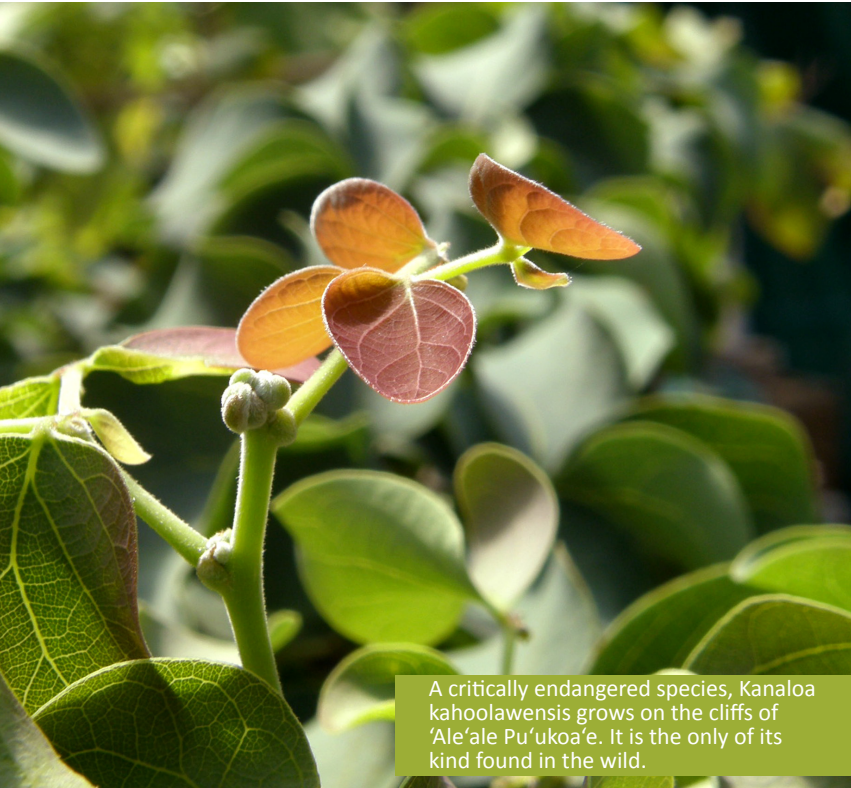
FY15 RESTORATION PROGRAM REPORT



Volunteers at the DOH grant project site create rock corridors on the hardpan.

HAKIOAWA WATERSHED RESTORATION

In FY15, the KIRC received a 3-month extension to the 2-year **Hawai'i Department of Health, Clean Water Branch (DOH)** grant project, outplanting 19,200 native plants on irrigation with 600 volunteers in Tier I areas. Results from this work included a statistically significant increase in native plant cover and a decrease in bare soil. A 1-year extension (July 1, 2015 to June 30, 2016) of \$90,000 was also awarded from the DOH to continue planting 5,000 more grasses and shrubs and to install non-point source management measures such as wattles and gabions in the lowest section of the project area. However, due to the new on-island time constraints projected for FY16, watering new plants will be difficult and constructing soil erosion control features and monitoring the subsequent effects on land and in the ocean will be curtailed.



A critically endangered species, Kanaloa kahoowawensis grows on the cliffs of 'Ale'ale Pu'ukoa'e. It is the only of its kind found in the wild.

KANALOA PLANT RESTORATION

An annual propagation review was held by the KIRC in FY15 geared to recover the endangered *Kapalupalu o Kanaloa* (Kanaloa kahoowawensis). Attended by a consortium of endangered species experts representing the National Tropical Botanical Garden, Maui Nui Botanical Gardens, the Plant Extinction Prevention Program, Ho'olawa Farms and the Harold L. Lyon Arboretum, each party to a plant recovery memorandum of understanding, the group exchanged research and findings regarding pollen specimens and other genetic material used for plant tissue culture propagation. Currently, two specimens grown from seed of the wild plant live in propagation facilities on Maui: Ho'olawa Farms (Haiku) and Maui Nui Botanical Gardens (Kahului).

Survival of *Kapalupalu o Kanaloa* is threatened by climate change conditions such as high winds, landslides, drought and fire. While these random events simply cannot be prevented, motivating local propagation facilities will help to preserve this critically endangered native Hawaiian plant. Reviews will continue in FY16 in order to ensure that once plant stock has increased to a significant number, out-planting will occur on Kaho'olawe — with the goal of preventing the extinction of this symbolic plant.



Staff, volunteers and interns work together in the Hakioawa Watershed.

HUI KĀPEHE PROGRAM

Through the KIRC's Hui Kāpehe internship program, college students ranging in age from 18 - 56 gained hands-on training to support their major areas of study (e.g. Environmental Studies, Agriculture & Natural Resources, Hawaiian Studies, Natural Science, Sustainable Science Management and more) — arming them with the tools to become competitive in the workplace through rigorous technical education training. With the new FY16 grant cycle already underway, we project continued engagement.

FY15 CULTURAL PROGRAM REPORT



Kāpehe doing cultural site stabilization work at Kānaloa



Hands-on learning in marine monitoring techniques alongside Ocean staff



HUI KĀPEHE PROGRAM

hui: association, institution, organization, joint ownership, partnership, team. **kā.pehe:** fellow worker, associate, assistant.

Part of a national initiative to prepare Native Hawaiian college students to be a competitive force in the workplace through completion of culturally-appropriate career and technical education programs, Hui Kāpehe is a KIRC internship program funded through the Native Hawaiian Career and Technical Education Program (NHCTEP), in partnership with Alu Like Inc.

Interns gain hands-on experience in each of the KIRC's core programs (Ocean, Restoration, Cultural, Operations and Administration) as a prerequisite, then go on to receive a competitive salary for a 100-hour internship in the area of their choosing. Additionally, they receive tailored learning and support to equip them with essential skills for success and reimbursement for professional certifications upon completion of the program.

Through a unique partnership developed with UH Maui College (UHMC), a team of Hui Kāpehe coordinators were hired and trained in FY15, operating from the college campus. Working closely with KIRC and Alu Like staff, they carefully monitored performance, helped set kāpehe objectives and co-evaluated performance.

FY15 ACTIVITY

46 total college students aged 18-56 participated in the program between July 1, 2014- June 30, 2015.

9 recruitment events were attended by our UHMC coordinators:

- Hana Scholarship 'Aha: January 29
- UHMC Club Day: February 25
- UHMC Career Fair: March 11
- Maui STEM Conference: April 17
- Hana Student Support Services Outreach Day: April 20
- Molokai Outreach Day: May 6
- Honolulu Community College Recruitment Meeting: May 12
- Leeward Community College Recruitment Meeting: May 12
- Kapi'olani Community College Recruitment Meeting: May 12

13 certification trainings were conducted:

Conducted by KIRC Staff

- First Aid/ CPR/ Wilderness Certification: Dec 29-30
- Forklift Training: Dec 31, 2014-Jan 5
- Fish Survey Training: January 6-9 & June 23-26
- Solar Installation Project: May 22-26
- Opihi Survey Training: June 23-26
- Hands-On Vessel Training: (with NOAA) June 15-19
- Chainsaw Training: June 26-30
- Wood Chipper Training: June 26-30

Conducted by UHMC's non credit program: EdVenture

- Power Tools Training: April 13-28
- Beginners Computer Course: April 13- 15
- Keyboarding: May 11- 25
- Security Guard Training Course: May 19
- LEED Green Associate Prep Course: June 1-10

FY15 CULTURAL PROGRAM REPORT

FEEDBACK

"This critical education funding demonstrates our nation's commitment to the Native Hawaiian community. These career and technical education programs will help empower Native Hawaiian students with the skills they need to succeed professionally during these difficult economic times. Our state's economy as a whole benefits when dedicated men and women can access quality jobs and greater opportunities."

— Senator Mazie Hirono (HI)

"The experience I had in Hui Kāpehe was amazing! This program made me go to my extreme limit of my body and tested my ability to work hard. I know that I'm pau with this internship but my 'ohana is not pau with me. This experience steered my career towards another path with the help from the KIRC staff, Hui Kāpehe coordinators and friends. I hope I can be able to continue this lifelong legacy which is for our future."

— Kalei K., Age 21, University of Hawai'i Mānoa

"The staff of KIRC and Hui Kāpehe's Passion, Vision, and dedication is placed deep in my na'au. They have awakened the leader that I am to be for our people of Hawai'i and to remain LOYAL2DASOIL."

— Mahina K., Age 30, Leeward Community College

"Spent the last two weeks meeting and getting to know so many wonderful intelligent beautiful po'e and I am a richer man for being able to do so!!!! Mahalo for giving me such a life changing opportunity to learn so much from some great 'ike-fulkumu about the 'āina, kai, and its resources and especially myself."

— Van-Jon P., Age 44, Leeward Community College

"In order to succeed in this field, it takes a genuine interest, good work ethic, the desire to learn and the ability to understand the correlation of data between field and office. I commend (the interns) for having these qualities. Ma ka hana ka 'ike is how we balance science and learning here at the KIRC. To see this ring true in our interns is truly inspirational. This perpetuation of knowledge of young adults is what adds value to what we do."

— Carmela Noneza, KIRC GIS Specialist

"The opportunity that Hui Kāpehe has offered to scholars was more than just experience to form a better applicant for future job opportunities. I can now picture a clear image of my future after reassuring myself that the conservation related activities we've conducted on Kanaloa, is the type of career I want to strive towards. It has also given me a chance to root myself on an island that has faced great abuse, an island that not a lot of people can step foot on, an island of culture, an island that radiates deep beauty."

— Pohaikealoha K., Age 20, University of Hawai'i Mānoa



Kāpehe mālama the 'uala patch at Pu'u 'O Moa'ula Nui



Kāpehe Dustin Palos



The KIRC has been awarded \$269,113 to continue this program for the term September 2015 through August 2016. *FY16 goal: 60 Native Hawaiian students complete the program.*



FY15 OPERATIONS PROGRAM REPORT



‘Ōhua at Honokanai‘a during a fuel operation



Aerial view of Honokanai‘a Base Camp



KIRC & Base Camp staff: teamwork!



OVERVIEW

With no harbors, piers, paved roads, a water source or power grid; a dwindling Trust Fund; the clear presence of unexploded ordnance; and a limited staff, the kuleana to restore, preserve, protect and provide access to Kaho‘olawe is dependent upon a substantially strong and innovative Operations Program. Through this fundamental program, the long-term restoration of Kaho‘olawe’s natural and cultural resources is supported through environmentally sustainable and culturally appropriate infrastructure and logistics.

CORE COMPONENTS



Safe and reliable transport of material, equipment, and people between Kaho‘olawe and Maui to support on-island projects



Provision of healthy and sustainable accommodations at the on-island facility for staff, volunteers and visitors



Economic maintenance and repair of all facilities, equipment, machinery and vehicles used by field teams



Safety within the Reserve, which includes detecting Unexploded Ordnance (UXO), providing UXO escorts when required and developing UXO training and orientation guidelines for all entering the Reserve



General support and manpower to ensure timely and safe completion of all field projects



WARNING!

UNEXPLODED ORDNANCE DANGER

Entrance into Kaho‘olawe Island Reserve can cause **SERIOUS INJURY** or **DEATH!**

Unauthorized entrance into Kaho‘olawe and into the water within two miles of Kaho‘olawe is prohibited

When the Navy transferred access of Kaho‘olawe to the State of Hawai‘i in 2004, it had not been entirely cleared of ordnance. At the completion of the Navy’s 10-year UXO cleanup project, the following had been achieved:

- 66% surface cleared | Tier 1 (17,819 acres)
- 10% cleared to 4’ depth | Tier 2 (2,646 acres)
- 23% uncleared | (6,691 acres)
- 100% surrounding waters uncleared

See page 11 for a current clearance map and further info.

FY15 OPERATIONS PROGRAM REPORT



‘ŌHUA

When the KIRC assumed the challenging task of restoring the devastated environment of Kaho‘olawe, the priority was to efficiently and safely transport, house and distribute all plants, equipment and volunteers. Built in 2007 at a budget of \$400,000, ‘Ōhua is the KIRC’s 39-foot aluminum landing craft; the primary means of transport to & from Kaho‘olawe for our volunteer force, staff, Base Camp support, cargo, fuel and more. It is capable of carrying up to 5 tons of cargo (approximately 40 passengers without cargo).

BASE CAMP ACCOMMODATIONS

The Honokanai‘a Base Camp was built in the mid-80’s by the U.S. Navy to support military live fire weapons training on Kaho‘olawe. The camp was later modified to support their unexploded ordnance (UXO) cleanup project from 1997 to 2004, sustaining a workforce of 400+ and designed to be resupplied via heavy lift helicopters and large ocean barges. When the KIRC was appropriated control of the Reserve, the remnant base proved to be contradistinctive for the smaller, less industrialized operation of its volunteer-workforce-gear program. To date, consistent redesigns of Camp’s functions and infrastructure have been applied in order to be more effectively operated by a smaller, less intensive workforce.

REVERSE OSMOSIS (R.O.)

Due to the lack of fresh water on Kaho‘olawe, freshwater is derived from rainfall catchment (primarily used for irrigation), imported 5-gallon water jugs (primary drinking water), or extracted from seawater using R.O. technology (drinking

and camp use). The most significant FY15 repair was the rebuild of the seawater supply system used by the R.O. potable water system.

All on-island infrastructures are subject to Kaho‘olawe’s extreme weather conditions, with buildings, roads and support equipment regularly exposed to high winds, heavy erosion and large surf. During a FY15 storm swell, the main pipeline used to draw seawater from off shore was damaged due to rough surf and a shifting seafloor. Staff rebuilt the pipeline and performed a series of dives in Honokanai‘a to install the new pipeline and affix the main intake line. Concurrently, freshwater was drawn from our upland rainwater catchments, with 500-gallon totes transported 9 miles back to camp along an eroding road. The rainwater was purified through the reverse osmosis plant prior to use for drinking and other camp purposes. KIRC staff showed great ingenuity in repairing the damaged ocean pipeline and to develop an alternative source of safe fresh drinking water on Kaho‘olawe.

POWER & SUSTAINABILITY

Requiring a dedicated and highly skilled workforce to sustain operations, the self-contained Honokanai‘a Base Camp provides the necessary infrastructure to sustain both the staff and volunteer workforce on a scale and capacity to effect permanent healing in the battered environment of Kaho‘olawe.

All diesel and gasoline is currently transferred to Honokanai‘a via the ‘Ōhua. A labor-intensive and therefore costly operation, we have continued to develop new objectives geared to reduce our energy demand and to create sustainable on-island energy sources.

With very little rain and high winds, Kaho‘olawe is uniquely situated to

provide ample electrical power through a combination of solar and wind based power generation. FY14 funding from the County of Maui enabled the KIRC to pilot a stand-alone, battery backup photovoltaic system that now provides sufficient electricity to our volunteer berthing areas with light, fans and power to recharge electronic devices off of the Base Camp’s electrical grid. With FY15 grant funds, the KIRC completed a solar cooling system project that directly converts solar energy from photovoltaic panels to power air condition systems within two Base Camp buildings.

CAPITAL IMPROVEMENT PROJECT (CIP)

Both of these projects provided the foundation for the next phase of our sustainable redesign of Base Camp. The KIRC will launch a significant renewable energy project in FY16 that should significantly reduce the cost of operating on-island facilities while positioning Kaho‘olawe as the first main Hawaiian Island completely free of fossil fuels.

With a general obligation bond approved by the State Legislator and funding released by the Governor, we will embark on a \$2.5 million renewable energy project that will reduce electrical energy demand and shift energy production from diesel generators to a combination of photovoltaic and wind sources.

Energy reduction will be achieved through A) consolidating camp facilities, thereby reducing energy demand; B) condensing and redesigning volunteer support, (food preparation, berthing and water production), in order to further reduce energy demands; and C) building a photovoltaic and wind powered generation system that can eliminate the need to transport fossil fuel to Kaho‘olawe.

KIRC KĪHEI BOAT HOUSE PROPERTY UPDATE



Kihei Charter School celebrates the planting of their first seeds at the walking trail



The hale site along the walking trail



The Restoration Program site along the walking trail



The Ocean Program site along the walking trail

OVERVIEW

Designated to the KIRC in 2002 as the future site of a primary operations, information and cultural learning center, the KIRC's 8-acre Kihei, Maui property saw several major developments in FY15.

Through the volunteer program, school partnerships and grants made through the Atherton Family Foundation, Hawai'i Tourism Authority and Hawai'i Community Foundation, the area now displays **Cultural, Restoration and Ocean** sites as well as a new **hale** and **nursery** area, all indicated on page 25.

By providing a living model of the methods and educational approaches applied within the Kaho'olawe Island Reserve, (each innovatively geared towards its restoration, protection and preservation), these projects offer a connection to the process of bringing life back to Kaho'olawe — thereby enabling access to the broader community.

FY15 ACTIVITIES

PARTNER

A year-long service learning partnership was conducted with Kihei Charter School. Each week, 50 eighth-grade students helped to prepare a Kaho'olawe walking trail for public access.

CREATE

Monthly Kāko'o iā Kaho'olawe work days welcomed hundreds of volunteers to co-develop the site. Upon hearing about these new opportunities to support *Kaho'olawe* from *Maui*, independent groups including Haleakalā National Park's Pōhai Maile High School Internship Program, the Kamehameha Schools Ipukukui program and the staff of Four Seasons Resort Maui scheduled additional work days at the site — a testament to the value of sharing the Kaho'olawe experience with the larger community.

VOLUNTEER

Volunteers, staff and interns worked diligently on the hale and nursery projects — areas that will become new focal points for Maui residents and visitors to engage in hands-on learning.

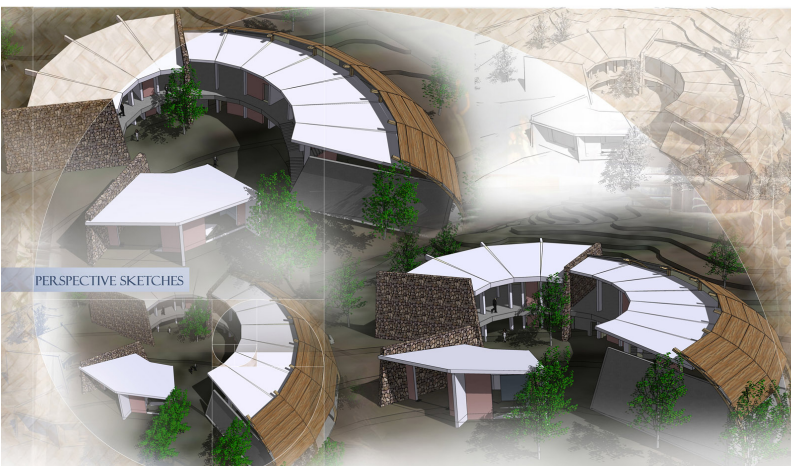
CELEBRATE

A new grant through the Maui County Product Enrichment Program (CPEP) helped to implement Mahina'ai Nights; guided tours of the walking trail featuring historical information and stories of Kaho'olawe, live entertainment, food vendors and more. Combined, these opportunities help strengthen understanding of and connection to Kaho'olawe for the extended public.

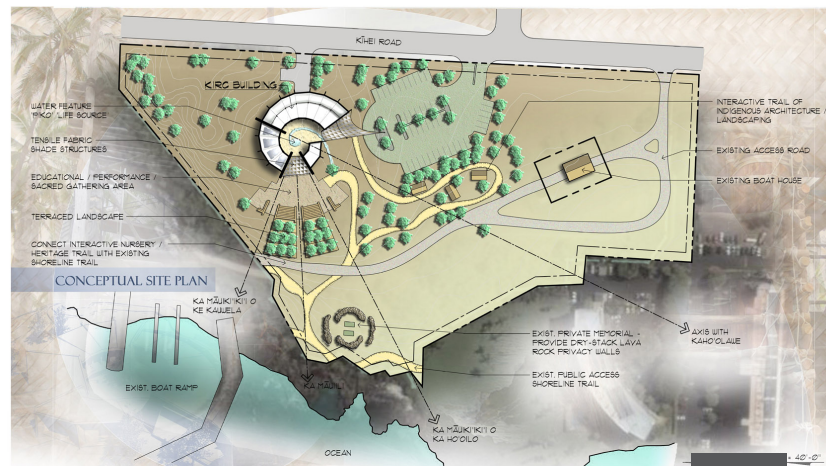
FY16 GOALS

We will continue to develop partnerships and to apply for funding as we move towards our goal of developing this public space to support, learn from and celebrate Kaho'olawe.

KAHO'OLAWE EDUCATION & OPERATIONS CENTER | KĪHEI, HI



Perspective sketches & conceptual site plan created in 2008



FY15 VOLUNTEER PROGRAM REPORT



Photo of volunteers at Honokanai'a: Hawai'i Youth Conservation Corps (HYCC)

MAHALO FY15 VOLUNTEERS

Annual Bird Count Volunteers
DLNR Staff
Four Seasons Resort Maui Staff
Friends of First Hawaiian Bank
Hawai'i Air National Guard Nā Koa
Hawai'i Nature Center
Hawai'i Youth Conservation Corps
Hawaiian Islands Restoration
I am Hāloa
Ka 'Olu Makani O Mauna Loa
Ka Pā Hula O Ka Lei Lehua
Kailua High School
Kamehameha Schools Class of 1971
Kamehameha Schools Class of 1990
Kamehameha Schools Kea'au
Kanapou Marine Debris + Carpentry Volunteers
KIRC + Zapata 'Ohana
Kula Kaiapuni 'O Kekaulike
Laupahoehoe Public Charter School
Maui County Mayor's Office
Maui Invasive Species Committee (MISC)
Maui Youth Leadership Academy
Native Hawaiian Legal Corporation Staff
Pacific Century Fellows
Pūnana Leo O Maui
Protect Kaho'olawe 'Ohana Volunteers
Queen Lili'uokalani Childrens' Center - Ko'olau Poko & Lāna'i Units
Queen Lili'uokalani Childrens' Center - Maui Unit
Republic of Altai
The Calling
U.S. Fish & Wildlife Service - Honolulu Office
UH Hilo Kilohana Program
UH Mānoa Richardson School of Law

ABOUT

The KIRC has been tasked with a monumental endeavor that has and will continue to require thousands of hands over several generations to accomplish. To best leverage available funds, make the most productive use of staffing, and to ensure that the people of Hawai'i have access to this sacred place, Kaho'olawe depends upon the charitable work of thousands of inspired volunteers. By partnering with communities, school groups, professional organizations and conservation agencies, the KIRC works to foster a culture of stewardship and conservation for Kaho'olawe and for all of Hawai'i's cultural and natural resources.

To date, more than 10,000 volunteers from all walks of life have been welcomed, trained and safely engaged in the restoration of hundreds of acres of Kaho'olawe wetlands, watersheds and reefs and the out-planting of 1/2-million native plants. Countless others have actively participated in education & outreach efforts both on and off-island, inspiring residents and visitors about the important history, culture and ecology offered by Kaho'olawe.

By *sharing* the kuleana to restore Kaho'olawe with the *people* of Hawai'i, we are working towards our mission of ensuring nā po'e o Hawai'i (the people of Hawai'i) care for the land.

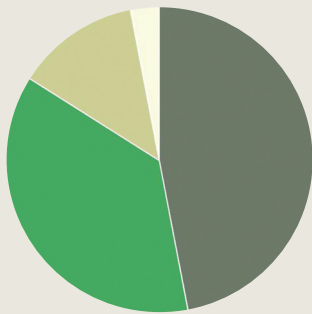


FY15 VOLUNTEER PROGRAM REPORT



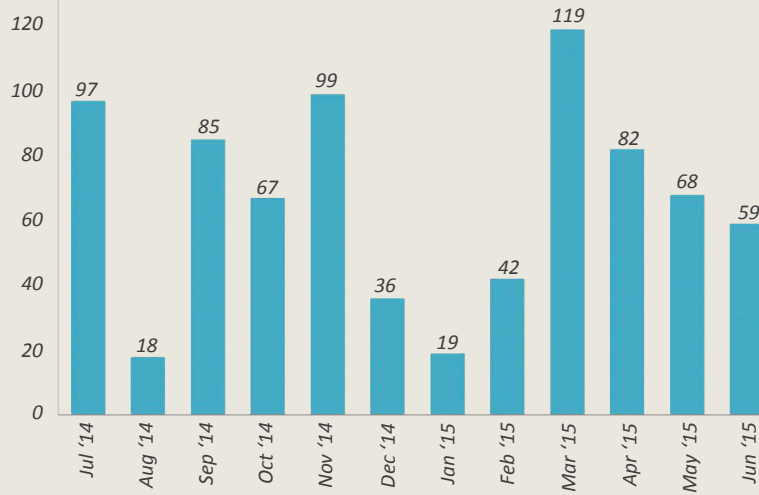
Photo of volunteers at Base Camp: Cory Yap

BY GEOGRAPHIC

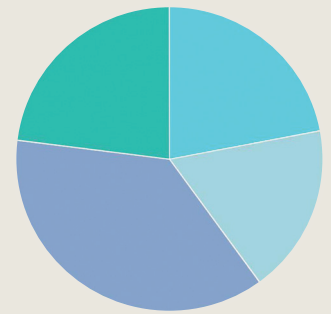


■ O'ahu (47%)
■ Maui Nui (37%)
■ Hawai'i Island (12%)
■ Kauai'i (3%) + Other (1%)

BY MONTH



BY AGE



■ Under 18 (22%)
■ 18-22 (18%)
■ 23-39 (37%)
■ 40 & up (23%)

During FY15, 791 volunteers accessed Kaho'olawe through 36 service trips. For FY16, we project a 2/3 cut in the number of volunteers accessing Kaho'olawe. Only with continued funding through the 2016 Legislative Session will we see that number begin to increase again; therefore enabling the current level of impact we can feasibly make on and for the Reserve.

"Whenever I leave Kaho'olawe, I leave with a feeling of calmness; a feeling of fulfillment; a feeling of aloha. Whenever I return to the Island, I feel a sense of gratitude; a sense of humbleness; a sense of honor. I can see the island struggling for life and needing support in its efforts. I appreciate having the opportunity as a volunteer to help with the Island revitalization: planting seedlings of 'a'ali'i, 'āweoweo, and milo or preparing areas to allow for more vegetative growth, as well as feeling the lepo of the island. I feel thankful for touching the island. And I believe these values help me be pono in my actions towards others and to myself."

— Roy Alameida, Teacher, Mo'olelo Hawai'i, Kamehameha Schools Hawai'i (Kea'au, HI)

FY15 ADMINISTRATIVE PROGRAM REPORT



I OLA KANALOA!

A COLLABORATIVE
PLAN FOR KAHŌ'OLAWÉ

The year 2026 will commemorate 50 years since Native Hawaiians and the people of Hawai'i first occupied Kaho'olawe and began the struggle for its return to the public. How can we carry forth the goals and lessons learned from that movement today, and into the future?

In FY15, the **Kaho'olawe Island Reserve Commission (KIRC)** continued its work with the **Protect Kaho'olawe 'Ohana (PKO)** and the **Office of Hawaiian Affairs (OHA)**, hosting Statewide public meetings geared to gather input for a cohesive implementation plan for Kaho'olawe, (also widely known as *Kanaloa*). Grant-funded consultants organized community input and oversaw regular meetings of the working group as each volunteered time, energy and resources toward the creation of the plan.

The detailed **I OLA KANALOA** (Iife to Kanaloa!) plan, (found at www.iolakanaloa.org), was driven by *collective impact*; with each working group member firmly acknowledging that the power, energy and resources to accomplish the common I OLA KANALOA! goal are dispersed among many individuals, organizations and the community at-large. This shared *kuleana* recognizes the unique skills, wisdom, and resources that each can bring to the table.

The KIRC is currently seeking core partners to help implement our contributions to this plan. If your business or organization aligns with one or more of the 4 strategic goals, 8 programs and/ or 29 projects listed at www.iolakanaloa.org, please contact us. Together, we will work towards a common vision for Kaho'olawe.

A highly specialized team, KIRC staff cares for an entire island — acting as the local board of water supply, electric company, public works department, telephone and radio communications provider, and department of transportation — while simultaneously engaging community groups in the cultural, scientific and educational offerings of this special place.

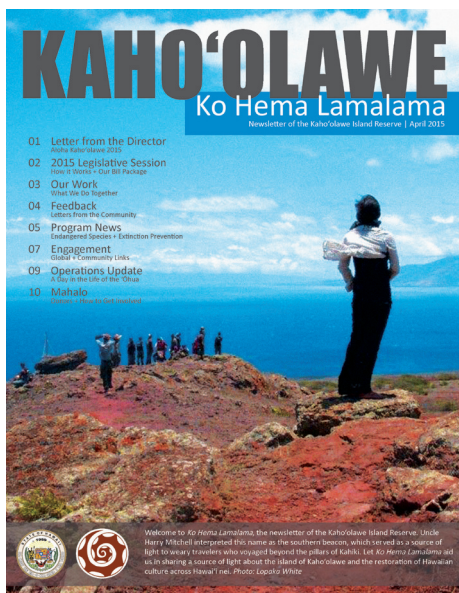


Photos from He Moku Poina 'Ole: 1 & 2: Franco Salmoiraghi; 3: David Ulrich; 4: KIRC

FY15 HIGHLIGHTS

- **He Moku Poina 'Ole** (An Island Not Forgotten or The Island Does Not Forget), an exhibition of historical Kaho'olawe photographs, was designed and presented at the Maui Historical Society/ Bailey House Museum.
- 4,796 individuals were directly engaged in **outreach** and **education** activities through school partnerships, public education sessions, community events, conferences and trainings.
- Through the KIRC's **Hui Kāpehe** program, Native Hawaiian college students received intensive career and technical education training in GIS, archive management, website design and human resource development.
- Management of 15 **grant projects** totaling \$1,400,855 and a Legislative campaign comprised of 6 bills resulting in \$1,000,000 in General Funds.
- Successful launch of new KIRC **membership campaign**, with an initiatory enrollment of 402 donors (see page 34).
- 3 new issues of the **Ko Hema Lamalama** newsletter were published (see opposite page).

FY15 ADMINISTRATIVE PROGRAM REPORT



“The KIRC’s annual budget is less than \$3 million; they manage and are steadily restoring an entire island reserve – a former bombing range with 45 square miles of land and 90 square miles of ocean – for less than \$3 million per year. This has to be one of the most efficient government agencies in the state. This would all be for nothing if the KIRC cannot continue its work. After all that it has been through, we can’t abandon Kaho’olawe. We as a county and state have a responsibility to help restore it.” — Maui Mayor Alan Arakawa



A new mural program at the Kihei site brought staff, students & artists together to learn about Kaho’olawe



FY15 FINANCIALS

What is the Kaho'olawe Rehabilitation Trust Fund?

In 1993, 11% of the U.S. Navy's \$400M clean-up budget was allocated to the newly established Kaho'olawe Island Reserve Commission by the Hawai'i State Legislature. The \$44M federal fund was appropriated by congress and transferred to the Kaho'olawe Rehabilitation Trust Fund, earmarked to initiate long-term environmental restoration, archaeological and educational activities within the Reserve. These activities were designed to carry out the terms and conditions of the MOU between the State and the Navy regarding the island's return.

Since the last appropriation to the Trust Fund in 2004, the KIRC has worked diligently to establish a *permanent* funding source that would allow for the continued restoration of Kaho'olawe. Though we have significantly extended the lifespan of *program* activities through grants and donor programs, we found that the Reserve's critical *operations* costs far exceed the scope of these charitable resources. It is our contention that this continues to be a responsibility of the state.

During this year's Legislative Session, the State of Hawai'i State appropriated \$1M to the KIRC from the General Fund; marking the first appropriation since the Federal Government's initial provision in 1993. While this marks a milestone in Kaho'olawe history, it only represents about 1/3 of the minimum budget required to maintain current operations.

What does this mean?

While we can feasibly meet our grant and *program* obligations, we can not sufficiently support another year of *operations*. Based upon this, we will be dramatically scaling down our on-island volunteer program and Base Camp.

How can I help?

Donate, testify, or choose from "10 Ways to Help."

10 WAYS TO HELP



Join us for FREE **Mahina'ai** events at our Kihei site, which include educational hikes, live Hawaiian music, presentations by KIRC program managers and more. Details at kahoolawe.hawaii.gov/mahinaai.



Share our FREE teaching materials, chants, historic documents and more at kahoolawe.hawaii.gov



Schedule a **work day** with your club, classroom or other group at our Kihei site where Kaho'olawe experts are developing a community learning space.



Contact us at (808) 243-5020 to make an appointment in our public-access **library**.



Make a **charitable donation** to the Kaho'olawe Rehabilitation Trust Fund at gofundme.com/alohakahoolawe2015 OR send to the address below.



Apply for a **Hui Kāpehe** paid internship at kahoolawe.hawaii.gov/opportunities.shtml



Request a **guest speaker** for your office, classroom or other gathering, (all islands).



Make a contribution of **new or used equipment** to support the KIRC mission (wish list at kahoolawe.hawaii.gov/donations).



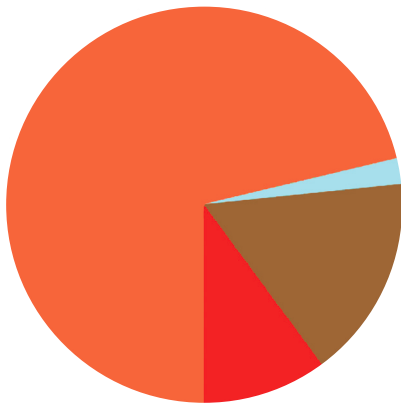
Testify! The 2016 Legislative Session begins in January. Look for announcements at facebook.com/kircmaui + register at capitol.hawaii.gov for hearing notices.



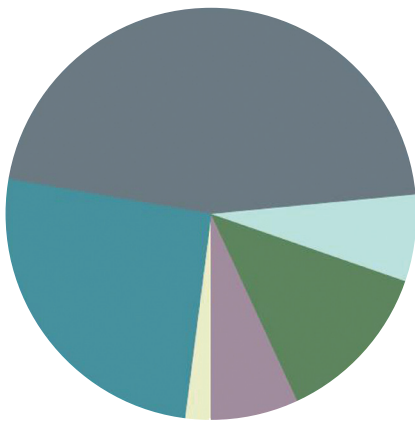
Sign up & share our e-news **communications**, submit a story for our blog, or connect with us on Facebook, Twitter, or Instagram.

FY15 FINANCIALS

Simplified financial statement for FY ending 6/30/15 in thousands.



SUPPORT & REVENUE	FY 13	FY 14	FY15
Program Grants	\$14.7	\$193.3	\$366.7
Charitable Contributions	\$3.3	\$5.2	\$10.7
Other Income	\$62.6	\$82.6	\$84.8
Interest on Trust Fund	\$19.4	\$13.5	\$52.2
Total Support & Revenue	\$100.0	\$294.5	\$514.5



OPERATING EXPENSES	FY 13	FY 14	FY15
Commission	\$54.3	\$57.8	\$63.0
Admin & Support Services	\$677.4	\$771.9	\$788.9
Reserve Operations	\$1,390.2	\$1,296.7	\$1,406.7
Ocean Program	\$156.6	\$166.5	\$209.3
Restoration Program	\$315.2	\$370.7	\$393.4
Cultural Program	\$74.8	\$82.6	\$212.2
Total Operating Expenses	\$2,668.5	\$2,746,200	\$3,073.6

As stated in the Federally-mandated Kaho'olawe Island Conveyance Commission final report to Congress in 1993, "in the short term, federal funds will provide the bulk of the program support for specific soil conservation projects and related activities. In the longer term, however, State revenues will be needed to continue and enhance those activities initiated with federal funds." For the past 21 years, federal funding has allowed the KIRC to establish many of its innovative programs that emphasize ancestral and traditional knowledge, provide a cultural approach of respect and connectivity to the environment, and integrate ancient and modern resource management techniques. In FY16, we will turn to the State to carry forth this obligation.

TRUST FUND BALANCE	FY 13	FY 14	FY15
Beginning Balance	\$8,143.29	\$5,574.77	\$3,123.15
Support & Revenue	\$100.0	\$294.5	\$514.5
Operating Expenses	\$2,668.5	\$2,746.2	\$3,073.6
Ending Balance	\$5,574.77	\$3,123.15	\$564.05



2015 LEGISLATIVE SESSION REVIEW

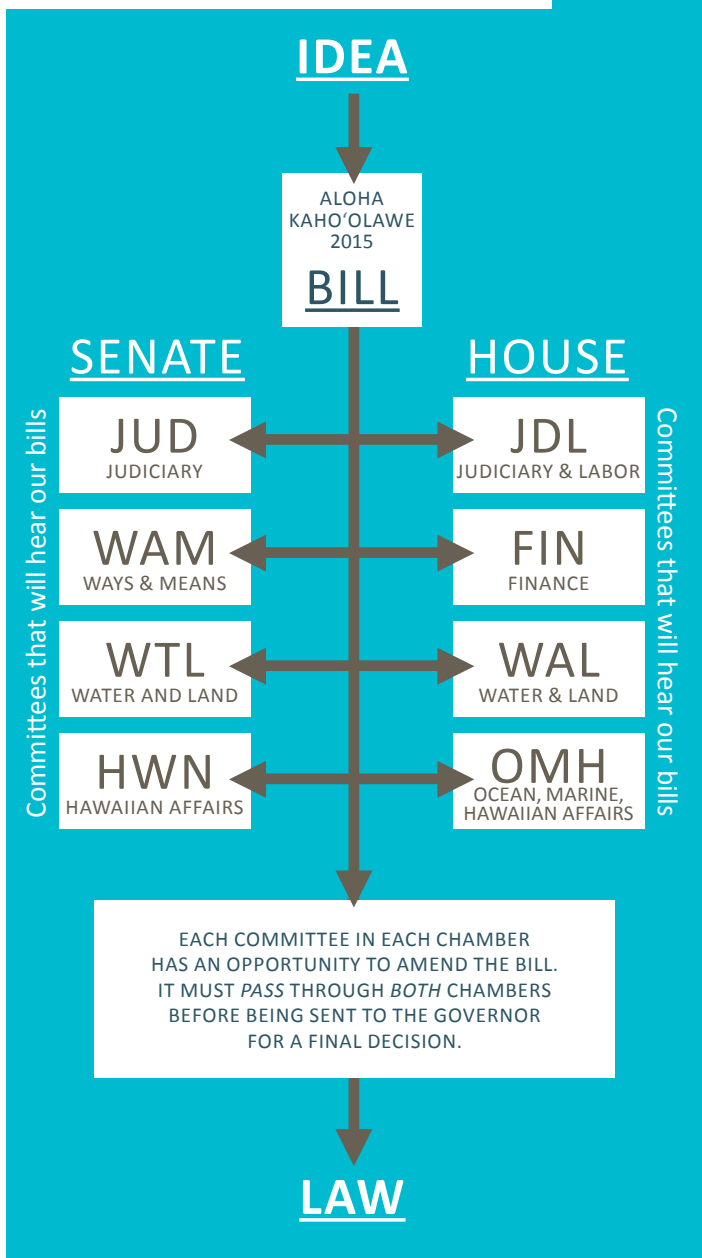
The Process

The infographic below was designed for our April 2015 Newsletter and was posted to the KIRC Blog, Facebook and Twitter pages for schools + community groups to learn from, download & share.

How We Engaged the Community

Regular e-posts kept our constituents engaged while weekly press releases prompted radio, television and print media to reach new audiences. Each scheduled hearing was complemented by an email blast (via Constant Contact) with specific instructions on how & where to testify, as well as sample testimony copy (by popular demand).

HOW DOES THIS WORK?



HOW CAN I GET INVOLVED?



SUBMIT testimony online in support of our bills: Register with the Hawai'i Legislature at capitol.hawaii.gov for hearing notices or look for our announcements at facebook.com/kircmaui.



ATTEND Hearings: Testifying at the Legislature is an empowering way to influence legislation. The Legislature's website (capitol.hawaii.gov) will have information about the status of our bills and related hearings throughout the session.



HOST a talk story session in your classroom, office or club to learn more about the KIRC and our programs. Contact kmchugh@kirc.hawaii.gov to arrange for a member of our staff to get all of your questions answered!



ENCOURAGE your friends, co-workers and relatives to support funding for Kaho'olawe. Write letters to your newspaper, call in to radio programs, or become a social media activist. Many elected officials have Facebook and Twitter pages where they regularly post and respond to constituents.



MEET your legislators and their assistants in person; you can have a much greater impact when you build relationships with your legislators and their staff. Remember: legislators represent you. Get to know them and share your thoughts on issues that you care about.

2015 LEGISLATIVE SESSION REVIEW

What We Proposed

A new web page was created at kahoolawe.hawaii.gov/leg-updates with direct links to each Bill's activity on www.capitol.hawaii.gov in order to maximize access to all legislative activity.

WHAT ARE WE PROPOSING?

Currently, 6 bills are being introduced by the KIRC during the 2015 Legislative Session. Please visit kahoolawe.hawaii.gov to access the fine print.

HB1235: Sponsored by (late) Representative Mele Carroll
Requires a 7.5% of the conveyance tax revenues collected each fiscal year to be paid into the Kaho'olawe Rehabilitation Trust Fund for the long-term rehabilitation and maintenance of the Kaho'olawe Island Reserve.

SB867: Sponsored by Senator M. Kalani English
Allocates a portion of the state conveyance tax to replenish the Kaho'olawe Rehabilitation Trust Fund.

HB438: Sponsored by Representative Ryan Yamane
Appropriates funds to the Kaho'olawe Island Reserve Commission for restoration and preservation projects.

SB897: Sponsored by Senator M. Kalani English
Appropriates funds for the 2016-2017 fiscal year to the Kaho'olawe Island Reserve Commission for the management, restoration, and preservation of the Kaho'olawe island reserve.

HB1480: Sponsored by Representative Kaniela Ing
Appropriates funds for capital improvement projects (CIP) for the benefit of the eleventh representative district, \$500,000 for plans and designs for the Kaho'olawe Education and Operations Center.

SB470: Sponsored by Senator Gil Keith-Agaran
Clarifies that property or natural resources used or taken in violation of laws applicable to the Kaho'olawe island reserve shall be subject to forfeiture.

What Happened

In addition to the 6 bills introduced by the KIRC, 2 bills were introduced by other sources with the potential to appropriate funding to the KIRC: HB500 (State budget bill) and SB1299 (DLNR budget bill).

During the final days of the Legislative Session, the House and Senate did not agree in Conference Committee hearings — abrogating HB500.

SB1299 proposed \$1.5M in General Funds per year for FY16 and FY17, and was passed at the level of \$1M per year. This outcome marks the first appropriation to the KIRC since the Federal Government's initial provision in 1994. While this marks a milestone in Kaho'olawe history, it only represents about 1/3 of the minimum budget required to maintain current operations, which are projected to look very different in FY16.

These Bills were referred to Committee, but never received a hearing.

This Bill made it to Conference, but did not receive a release of funds in the final minutes.

This Bill passed through the Senate, but was never heard in the House. Two amendments introduced language to allow revenue-generating activities consistent with the purposes of the Reserve.

This bill passed and the funds were released by the Governor. The KIRC will be using the \$500,000 capital improvement funds to complete the planning and designs for the Kaho'olawe Education and Operations Center in Kihei (see page 25), after which time a capital campaign will be launched for construction.

This asset forfeiture bill passed its Senate hearing, but was amended to place a monetary limit on the forfeitures. The bill crossed to the House but did not receive a hearing.

FY15 DONOR LIST



At the close of this year's Legislative Session, a determinative year for us, only one-third of the KIRC's annual operating budget was funded.

While this first-ever allocation marked a groundbreaking moment for Kaho'olawe, it was not enough to maintain existent operations, restoration work or the critical volunteer program enabling both access to the Reserve and physical and strategic support.

Within a week of the final hearings, the KIRC launched its first-ever membership campaign; a 30-day challenge to the community to demonstrate to our decision-makers that there is recognized value in the historical, cultural, ecological and community building resources shared through the Kaho'olawe Island Reserve. The goal was to reach \$100,000 by the end of the fiscal year.

The *Aloha Kaho'olawe* membership campaign raised \$40,000 by 402 donors who gave through the online crowd-funding tool *GoFundMe* (gofundme.com/alohakahoolawe2015). A combination of social media and expansive print, television and radio coverage prompted new and extended-term grants that led the total to more than \$130,000.

Aloha Kaho'olawe exceeded expectations, yet there remains much work to be done to obtain the financial stability required to continue the KIRC's programs and operations into the next fiscal year. While the KIRC staff continues to push for every available funding opportunity and to minimize expenses as much as possible, we will continue to rely on our devoted community of support to spread the message of *Aloha Kaho'olawe*; building upon the membership campaign so that we may enter this next Legislative Session with a constituency of Kaho'olawe advocates. Only together will we see the continuation of Kaho'olawe's restoration, protection, preservation and access for generations to come.

Learn how to join this list of inspired supporters on page 37.

PATRON \$500 + Members

Kate Bell	Brian McHugh
Fati Bole	Michele McLean
Shannon Cuadro	Michael Moore
Kalani Fukumoto	David Mozdren
Linda Hamilton Krieger	Ellen Pelissero*
Huntzicker Family*	Rapozo Kama'āina Fund
Raymond Hutaff	Jennifer Rose
Janet Jones	Miki Tomita
Miguel Landrón*	Vernon Wong
William Lundin	Rebecca Joy Zalke

BENEFACTOR \$100 + Members

Ka'iulani Akamine	Stanton Enomoto
Roy Alameida	Cynthia Evans
Amy Altorfer	Martha Evans*
Jondi Anderson	Matt Eyerman
Max Andrews	Janet Eyre
Andrew Aoki	Keoni Fairbanks
Leimomi Apoliona-Brown	Lisa Fanning*
Kaiao Archer	Kathy Fay
Sam Aruch	Denise Flynn
Becky Ashizawa	Sean Flynn
Chandell Asuncion	Felicia Foster
James & Roselle Bailey	Erica Franz
Rosalyn Baker	Connie & Bruce Froemsdorf*
Jan Becket	Lorene Gaper
PF Bentley	Claire Garrigue
Michelle Bradley	Sam 'Olu Gon, III
Amy Kalai Brinker	Moses Haia
Zadoc Brown	Peter Hamill
Earl Campbell & Kate Cullison	Betsy Harrison Gagne
Jim Lincoln & Aundria Case	Chatten Hayes
Patrick Casey	Virginia Hench
Dawn Chang	Denise Hennig
Jeffrey Chester	Phil Herres
Janet Clark	Larry & Sharon Hicks
Mel Clarke	Mark Hicks
Melissa Connors	Erielle & Kaila Ho
Jen Cox	Eun Ho Lee
Max Craddock	Hōkūlani Holt-Padilla
Hugh Damon	Lea Hong
Donne Dawson	Trevor Hook
Henry Dole	Charley Ice
Carla Donlin	Jordan & Shayna Inafuku
Joseph Dratz	Hiroshi Ishikawa
Dennis Elms	Hillary Juliette
Margaret Enomoto	Joshua Kaakua

FY15 DONOR LIST

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Kaho'olawe is for all of us: students, teachers, researchers, botanists, biologists, artists, mechanics, carpenters, cultural practitioners, families and more — from all walks of life. By demonstrating that this extended community values the historical, cultural, ecological and community building resources shared through the Kaho'olawe Island Reserve, we aim to boost the State's potential financial investment in our continued operations.

You can help by becoming a member, or joining a friend, today.

If you have been impacted by Kaho'olawe — as a volunteer, friend, teacher, student, researcher or otherwise interested community or family member, we welcome you to **Aloha Kaho'olawe**. With your support, we will see the continuation of Kaho'olawe's restoration, protection, preservation and access for generations to come.

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Comments

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MAHALO

Kaho'olawe Island Reserve Commission
Kūkulu ke ea a kanaloa - The life and spirit of Kanaloa



Logo and motto of the KIRC, symbolizing the he'e, or octopus form of the god Kanaloa and the kupu o ka 'aina, or re-greening of the island.

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