What a year we had in 2016! Last year’s first-ever funding by the State of Hawai‘i was just adequate to continue our programs and operations at a level where prior work and facilities could be maintained, while this year’s supplemental funding allowed us to progress with our natural, ocean and cultural resources management efforts. We are extremely grateful for this support.

Just as our on-island programs adapt to the challenges that face Kaho‘olawe, (e.g. remote location; harsh, hot, dry, windy physical environment; ongoing presence of unexploded ordinances), staff and commissioners have adapted to a new financial reality. The annual budget averaging $2.7M in recent years was reduced to $1.6M. Had supplemental funding not been secured, our projects and operations would have suffered.

As the County’s KIRC representative, I am honored that Mayor Arakawa and the County Council have supported funding for various Kaho‘olawe projects: beginning in FY11, with an initial grant of $5,000 for native plant seedlings; $25,000 between FY12 - FY16 ($100,000 total to date) to convert Honokanai’a’s base camp facilities to photovoltaic energy; FY15’s $20,000 for the Mahina’ai Nights program at the Kheei Boat House, in partnership with the Hawai‘i Tourism Authority; and FY16’s $20,000 for a new trailer for the ‘Ohe‘a landing craft— our lifeline between Maui and Kaho‘olawe.

Thirty to fifty percent of KIRC’s Kaho‘olawe volunteers come from Maui County annually, totalizing thousands over the years. After personnel cutbacks and a first-ever reduction in volunteer work trips due to manpower limitations in FY15, KIRC has been able to restore some staff positions and resume a more robust volunteer program in FY16. This benefits Maui County’s students, halau, canoe clubs, businesses, non-profits, community groups and individuals who have been enriched and enlightened by their experiences on, and giving to, Kaho‘olawe. Maui County’s support of the KIRC is reciprocated many times over by what Kaho‘olawe provides in return. We look forward to this continued relationship in the years to come.

— Michele McLean, KIRC Chair

One of our key objectives in creating financial sustainability for the KIRC is to establish permanent funding for Kaho‘olawe within the Hawai‘i State budget. We were fortunate this year to have received financial support from the legislature in the form of Act 84/SLH2015 for fiscal years 2015 and 2016, with additional supplemental funding for fiscal year 2016 in Act172/SLH2016.

This funding has been critical to the continuation of our restoration programs, as the initial federal investment made in 1993 is nearly depleted. While actively managing Kaho‘olawe’s vast resources, our conservation and education work provides a unique opportunity to introduce, encourage and develop the next generation of land, ocean and cultural resource managers through an integrated mauka-to-makai volunteer program that features hands-on experience within a cooperative natural and cultural resource management system. Our consolidated authority for the Island and its surrounding waters allows the creation of an exceptional workforce development program for Hawai‘i’s future natural and cultural resource workforce, leaders and supporters that will be sorely needed to protect Hawai‘i moving forward. Intergenerational volunteers gain knowledge in the KIRC’s ocean and land management practices as they contribute to Kaho‘olawe’s restoration and develop a lifelong interest in conservation. College students in the KIRC’s Hui ‘Ikepe internship program gain practical and valuable certificate training to prepare them for entry into the conservation workforce, while graduate students at the University of Hawai‘i at Mānoa are applying their engineering degrees to research solutions to Kaho‘olawe environmental issues.

We look forward to an exciting new year as we help prepare the next generation to carry on the work handed to us from our kūpuna.

— Michael K. Nāhō‘opili KIRC Executive Director

ALOHA

WHO WE ARE

Kūkulu Ke Ea A Kanaloa

The life & spirit of Kanaloa builds and takes form

Established by the Hawai‘i State Legislature in 1994, 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 nā po‘e 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 specializing in five core programs: Ocean, Restoration, Cultural, Operations and Administration.

WHAT WE DO

The OCEAN Program manages all marine resources within the Reserve.

The RESTORATION Program restores native, land-based habitats and watersheds.

The CULTURAL Program provides for the expansion of meaningful, cultural use of the island.

The OPERATIONS Program provides transport, maintenance, manpower and safety.

The ADMINISTRATION Program manages volunteers, GIS, outreach, collections, fund development, finances and human resources.

WHY WE DO IT

The KIRC Vision:

The kino 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 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 where native Hawaiian cultural practices flourish.

The piko of Kanaloa is the crossroads of past and future generations from which the native Hawaiian lifestyle is spread throughout the islands.

ALOHA

WHAT WE DO

The OCEAN Program manages all marine resources within the Reserve.

The RESTORATION Program restores native, land-based habitats and watersheds.

The CULTURAL Program provides for the expansion of meaningful, cultural use of the island.

The OPERATIONS Program provides transport, maintenance, manpower and safety.

The ADMINISTRATION Program manages volunteers, GIS, outreach, collections, fund development, finances and human resources.

WHY WE DO IT

The KIRC Vision:

The kino 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 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 where native Hawaiian cultural practices flourish.

The piko of Kanaloa is the crossroads of past and future generations from which the native Hawaiian lifestyle is spread throughout the islands.

ALOHA

WHAT WE DO

The OCEAN Program manages all marine resources within the Reserve.

The RESTORATION Program restores native, land-based habitats and watersheds.

The CULTURAL Program provides for the expansion of meaningful, cultural use of the island.

The OPERATIONS Program provides transport, maintenance, manpower and safety.

The ADMINISTRATION Program manages volunteers, GIS, outreach, collections, fund development, finances and human resources.

WHY WE DO IT

The KIRC Vision:

The kino 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 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 where native Hawaiian cultural practices flourish.

The piko of Kanaloa is the crossroads of past and future generations from which the native Hawaiian lifestyle is spread throughout the islands.
Kaho'olawe Island Reserve

Kaho'olawe is the smallest of the eight main islands in the Hawaiian Archipelago. Eleven miles long, seven miles wide and comprised of 28,800 acres, the island is of volcanic origin with the highest elevation of 1,477 feet. Its 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; used with 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. A 1994 act of Congress conveyed the island back to the State of Hawai‘i, although the Navy was held responsible for a 10-year cleanup of UXO and 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 were designated by the State of Hawai‘i as the Kaho‘olawe Island Reserve in 1993; established for the preservation of traditional Native Hawaiian cultural, spiritual and subsistence purposes, rights and practices. This includes preservation of Kaho‘olawe’s archaeological, historical, and environmental resources; rehabilitation, revegetation, habitat restoration; fishing and education.

ACHALLENGES

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 (UXO) litters one-third of the island plus all surrounding waters, leaving areas life-threatening and off-limits.

Current Clearance Map

- Tier II: Subsurface cleared (to 4’)
- Tier I: Surface cleared (“swept”)
- Uncleared

A deep appreciation for the dedication of people trying to correct the wrongs and an overwhelming sense of work left to be done in order to support work already accomplished.” —Brenda Akao, Volunteer
or placed on Kaho'olawe.

Kañaloa of Maui a gift

1793: Captain George Vancouver gives Chief Kahekili of Maui a gift of goats, which are then released on island.

1859: Approximately 2,000 sheep are targeted watersheds by implementing innovative methods to minimize erosion and reduce sediment loads moving from the land into the ocean.

1858: Government leases Kaho'olawe to R.C. Wylie and Elisha Allen for 20 years.

1976: Protests and occupation begin.


1993: U.S. Congress votes to end military bombing.


2004 — 2016: The Hawai'i Department of Health's program, community building events at our Kihei Boat House site; join the KIRC’s Kīhei site and Kahoʻolawe’s available funding, safety and weather conditions. The number of requests we receive to go to Kaho'olawe far exceeds our ability to take everyone, therefore we ask for your patience and understanding.

“Why don’t you take more people?”

The KIRC’s work on Kaho'olawe is critically dependent upon its volunteers. We strive to make the most of our limited volunteer opportunities, but we are primarily restricted by available funding, safety and weather conditions. The number of requests we receive to go to Kaho'olawe far exceeds our ability to take everyone, therefore we ask for your patience and understanding.

“How can I help?”

Pick your favorite way(s) to connect with us (social media, newsletter, email list) to learn about work days and community events at our Kihei Boat House site; join the KIRC; invite the KIRC to your space as a (free) speaker; read/learn about/share our online library and learning materials; testify at one or more legislative hearings; create a Kaho'olawe-inspired work of art to be shared; become a member; enroll as an intern; or let us know your own idea. (See p. 25)

“Can I fish over there?”

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. (Visit kaho`olawe.hawaii.gov/announce to download a Trolling Right of Entry Registration Packet). The rules governing Reserve waters 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 for up to 30 days. The KIRC may also assess administrative fines of up to $10,000 per offense.

“What do you do out there?”

In addition to a variety of projects to restore Kaho'olawe's devastated landscape; protect its critical natural and cultural resources; and make vital improvements to the island's infrastructure, we are developing an integrated mauka to makai resource management system that balances the technical aspects of modern conservation principles with a traditional cultural perspective.

“Why don’t you take more people?”

The United States Navy is forever responsible for removing all unexploded ordnance (bombs) from the land and waters of Kaho'olawe — and the liability associated with its presence. The KIRC remains committed to that position and relies on the Federal Government to fulfill their obligation. Upon the 2004 completion of the Navy’s cleanup, approximately 75% of the surface of the island was swept of ordnance with only 10% cleared down to the depth of four feet (see p.4). Areas that have not been cleared remain "DANGEROUS TO THE PUBLIC AND ARE NOT SAFE." As formally agreed by the Navy and State, the Navy will return to dispose of any new unexploded ordnance (UXO) found in cleared areas. The KIRC has made regular requests to our Congressional delegation for Federal funds for the Navy to complete their obligation.

“Did you clean up all of the bombs?”

The experience on Kaho'olawe was deeply moving. You not only see the cultural significance and feel it in your soul, you are given the opportunity to make an impact by working to heal the island. —Mark Hicks, Volunteer
**ORGANIZATIONAL STRUCTURE**

By statute, the Commission consists of 7 members appointed by the Governor provided that 1 is a member of the Protect Kaho'olawe 'Ohana (PKO); 2 are appointed from a list provided by the PKO; 3 is a trustee or representative of the Office of Hawaiian Affairs (OHA); 4 is a county official appointed from a list provided by the Mayor of the County of Maui; 5 is the Chairperson of the Board of Land and Natural Resources (DLNR); and 6 is appointed from a list provided by Native Hawaiian Organizations (NHO). KIRC staff is comprised of:

**STAFF**

**Executive Director**

**OPERATIONS**

**RESTORATION**

**CULTURAL**

**PROGRAM**

**NRS General Support**

**GIS/LAN Specialist**

**Public Information Specialist**

**Volunteer Coordinator**

**HAKIOAWA WATERSHED RESTORATION**

A decade-long partnership with the Department of Health has addressed 500 acres of the Reserve’s hardpan with native plantings, erosion control and non-native species removal. These efforts help to prevent erosion, permanent loss of archaeological sites, fatal impacts to near-shore coral reef communities and pollution of global waters.

**THE KAHO'OLawe LIVING LIBRARY**

KIRC Virtual Museum Pilot Project

Designed in collaboration with cultural and library science consultants, this online database presents a community-curated collection of archived items for educational use. An interactive application ("app") for mobile access will be released in FY17, with a searchable map, oral histories and historical information pertaining to each of Kaho’olawe’s 3rd year, the KIRC’s Hui Kāpehe program offers concentrated work-related experience, community service learning, and job shadowing opportunities in career and technical education (CTE) that focus on sustainability and Hawaiian culture. Part of a national DOE initiative, college students gain hands-on experiences in each of the KIRC’s core programs as a prerequisite, then engage in a paid internship in the area of their choosing.

**KAOH'OlaWE ISLAND SEABIRD RESTORATION PROJECT**

Through a collaboration with Island Conservation, and funded by the National Fish and Wildlife Foundation, a long-range faunal restoration plan is being implemented to restore the Reserve as a sanctuary for rare and endangered wildlife species in Hawai'i.

**KAI’APEHE**

Currently in its 3rd year, the KIRC’s Hui Kāpehe program offers concentrated work-related experience, community service learning, and job shadowing opportunities in career and technical education (CTE) that focus on sustainability and Hawaiian culture. Part of a national DOE initiative, college students gain hands-on experiences in each of the KIRC’s core programs as a prerequisite, then engage in a paid internship in the area of their choosing.

**KAHO'OlaWE BIOSECURITY**

Through grant support by the Hawai'i Invasive Species Council, the KIRC is designing plans for preventing new invasive alien species (IAS) from entering the Reserve while targeting existing IAS for control and eradication. With protocols for shipping materials, accessing the Reserve and more, the focus is on 5 main areas: Prevention > Detection > Quarantine > Eradication > Education.

**SUSTAINING COMMUNITY ACCESS: THE 'OHIA**

An economic necessity, the KIRC’s 'Ohia lighting craft became its primary means of cargo, personnel and volunteer transport in 2007. Due to age, frequency of use and extreme weather conditions, our Operations team applies much of their time and energy today to maintaining the vessel. With recent funding through Maui County and State Bill #2034, we are implementing major repairs and maintenance of this critical connection to Kaho’olawe.

**COASTAL RESTORATION PROJECT**

A project initiated in 2012 through the Hawai'i Community Foundation, thousands of community volunteers representing schools, cultural centers, conservation organizations and others have planted 15,000 drought resistant, salt tolerant natives at Honokanai'a and are expanding to Kealakaikana'a and Kealaikahiki. Landscapes have been stabilized around significant cultural sites and the Ocean team continually removes invasive roi, to’au and ta’ape; all fish that prey on native species.

**THE KAHO'OlaWE EDUCATION & OPERATIONS CENTER**

Our Kikei, Maui Site

Designed to the KIRC in 2002 as the future site of a primary operations, information and cultural learning center, the KIRC’s 8-acre Kikei Boat House property now hosts community work days, school outreach programs, an educational walking trail, native plant nursery and traditional hālau. Through a wide range of grant supporters, a living model of kaho’olawe activity is being developed in order to enable access to the broader community. (See p. 24).

**RESERVE MARINE DEBRIS REMOVAL**

In June 2015, the KIRC was awarded a portion of a new DLNR grant through the Japanese Tsunami Marine Debris Program/ NOAA. An adjunct to the two-year partnership that contributed to the removal of 43 tons of marine debris from Kaho'olawe (2013-2015), this initiative supported exemplary partners in tackling marine debris challenges and finding proactive solutions to help eliminate debris through research, removal, prevention, emergency response and coordination. The KIRC will allocate FY17 State CIP funds to continue this important work to protect Reserve and global waters.

"I learned that restoration is hard work and a huge job, especially with limited staff and funding. I was not aware that the KIRC crew consisted of only a handful of permanent staffers." — Katie Ersbak, Volunteer

---

"The KIRC staff were very good at stressing the importance of working together, working hard (but still having fun), respecting each other, and taking care of the land. At every cultural site or worksite, our group approached the place with respect and wanting to make a positive change to make the place better before we left the island.” — Keith Ideoka, Volunteer

*FY16 commissioners from left: Amber Nämako Whitehead (PKO), Joshua K. Kaadua (PKO), C.M. Kaiko Baker (PKO), Michele McLean (Maui County), Nāhā Lani Holt (NHO), Suzanne Case (DLNR) and Carmen Hulu Lindsey (OHA).*

"Maybee (UXO Safety Specialist)."

"...before we left the island." — Keith Ideoka, Volunteer

"...continue this important work to protect Reserve and global waters." — Katie Ersbak, Volunteer

**FY16 Year in Review**

**KIRC**

---

"The KIRC staff were very good at stressing the importance of working together, working hard (but still having fun), respecting each other, and taking care of the land. At every cultural site or worksite, our group approached the place with respect and wanting to make a positive change to make the place better before we left the island.” — Keith Ideoka, Volunteer
MARINE DEBRIS REMOVAL
In August of 2015, the Ocean team completed a 2-year grant project with the National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program. Through the training, management and safe access of hundreds of volunteers as well as aerial surveys, classroom education sessions and labor-intensive transport operations, 43 tons of marine debris was removed from Kaho'olawe. Due to the project’s successful completion, a new OIAI grant through NOAA’s Japanese Tsunami Marine Debris (JTMD) Program enabled an additional volunteer access in December, resulting in an additional 2 tons of marine debris removed. The KIRC continues to seek partnerships like these geared to support exemplary organizations in tackling marine debris challenges through research, removal, prevention, emergency response and coordination.

NATIVE RESOURCE PROTECTION
Based on the success of a 2-year grant partnership through the Hawai’i Community Foundation’s Community Restoration Partnership, an additional $50,000 grant was awarded this year to, in part, remove 250 pounds of invasive fish within the Kea’alikahi’i iil– thereby easing predation pressure on delicate native fish and invertebrate species. To date, removal is on schedule and Ocean staff have collected drone footage at Honokana‘a and Honokanaena as part of a pre-condition report. Volunteer partnerships have been critical to this work. (See page 11).

CAREER & TECHNICAL EDUCATION TRAINING
Throughout FY16, Native Hawaiian college interns training to become competitive in the workplace through CTE (career & technical education) offered by the KIRC’s Hui Kāpehe program studied under Ocean staff. Ranging from coastal ecosystem identification practicums and invasive roi, ta’ape and to’au dissections on Kaho‘olawe to SCUBA and marine ecosystem identification practicums, interns received rigorous and culturally-appropriate guidance from a passionate team.

COLLABORATION
This year, the Ocean team worked with the Department of Aquatic Resources to install temperature loggers at Honokanai‘a and Honokanaenae as part of a pre-condition monitoring. Partnership, an additional $50,000 grant was awarded this year to partake and understand all that the island has to offer culturally.” — Clarence Yamamoto, Volunteer

SUSTAINABILITY
Because Reserve waters are protected by law, the region acts as a fish sanctuary that works to replenish fish stocks throughout the islands, particularly around Maui and Lan‘i. To fully understand fish population dynamics, the Ocean team monitors fish habitat, growth rates and travel with the help of community volunteers and our permitted trolling program.

MANAGEMENT
As a Reserve, Kaho‘olawe is rich with marine life that includes manāh (sharks), na‘a (dolphins), hāhālua (mantarays) and koholā (humpback whales). ‘Ii'holohokauaua (monk seals), honu (turtles), and manu kai (seabirds) also utilize the Reserve’s coastal habitats. Counts by land, sea and air aim to establish a distribution and abundance baseline that will help determine whether numbers increase as a result of their protection.

RESTORATION
More than 40 tons of marine debris have been removed from Kaho‘olawe over the past 3 years, specifically from Kanapou, Puhi‘anenuenue and ʻOawawahie; 3 bays notorious for debris aggregation. A portion of the debris is repurposed on Maui for recycled arts and other educational programs. Grant-funded aerial surveys help to monitor the rate of influx of marine debris reintroduction, thereby setting focal points for future removal projects.

MONITORING
Coastal hikes and underwater surveys help to collect quantitative and qualitative information that is analyzed for seasonal trends and environmental abnormalities. Partners including The Nature Conservancy, NOAA’s Humpback Whale Sanctuary, Maui and University of Hawai‘i have helped us to inventory near shore fish populations, coral abundance and more to support ongoing monitoring and detect changes in environmental populations.

"Each Hawaiian island has its own distinctive “mana” and Kaho‘olawe is brimming with it.” — Richie Franco, Jr., Volunteer
**FY16 Restoration Program**

**Volunteer Cross-Training**
Due to FY16 budget cuts, restoration work trips were scaled back and adjusted to accommodate groups with the mission and manpower to best leverage current grant projects. Volunteers from Hawaii’s Army National Guard (July 2015), University of Hawaii’s, Mānoa: Ethnobiology Society and Queen Lili‘uokalani Children’s Center, Maui (October 2015), Maui Invasive Species Committee and East Maui Watershed Partnership (November 2015), Maui Nui Seabird Recovery Project (January 2016), Seabury Hall (February 2016), University of Hawaii’s at Mānoa, William S. Richardson School of Law (March 2016) and Four Seasons Resort Maui (May 2016) joined us on-island to work on native plantings, erecting rock corrals, installing filter fabric check dams and wattles and surveying for invasive alien species (IAS).

**Seabird Restoration**
In FY16 the Kaho‘olawe Island Seabird Restoration Project team completed A Business Plan for the Restoration of Hawaiian Bird Life & Native Ecosystems on Kaho‘olawe, and, through a new grant partnership with Island Conservation and the National Fish and Wildlife Foundation, began implementation. Monthly data collection and field work accesses complemented inter-agency partnerships with United States Geological Service; Pacific Island Ecosystem Research Center, United States Fish and Wildlife Service, Honolulu and USFWS National Raptor Program, and the Pacific Cooperative Studies Unit/Maui Nui Seabird Recovery Project — established in the form of Project Working Groups. Three Working Groups were formed to specifically address Non-Target Species and Conservation Measures, (Hawaiian Short-Eared Owl, Hawaiian Hoary Bat and Hawaiian Seabirds).

**DOE**
The KIRC’s Hawaii Department of Health, Clean Water Branch grant project outplanted 5,000 shrubs and grasses of 10 native Hawaiian species in FY16. Two native species, Mā‘o (Gossypium tomentosum) and the endangered ‘Ohai (Sesbania tomentosa), were germinated from Kaho‘olawe seed at Native Nursery, LLC in Kula, Maui, with ‘Ohai at a 43.2% germination rate. This technique has been deemed a success and can be replicated in other Reserve areas with Tier 1 UXO clearance status. By reducing rapid erosion rates in the project site, restoration efforts proved to be beneficial to the archaeological sites in the area.

**Coastal Restoration**
FY16 saw the closing of our second Community Restoration Partnership project with Hawaii’s Community Foundation and a new project expansion into Kealakahihi. 3,780 volunteer hours contributed to the outplanting of 5,000 native plants and removal of 500 lbs of non-native/ invasive fish. Moving into FY17, this is the KIRC’s primary planting project on Kaho‘olawe.

**PlaNTinGS**
Kaho‘olawe is being planted with native species that include trees, shrubs, vines, grasses, and herbs. More than 400,000 native plants have been reintroduced to date. Only about 220 acres of the 12,800 most severely eroded acres can be replanted: the remaining land is barren hardpan-soil compacted so severely by erosion that it cannot readily absorb water.

**BioSecnCURITY**
Preventing Invasive Alien Species (IAS) and eradicating target species are key to the restoration of Kaho‘olawe. Our new, comprehensive biosecurity plan focuses on prevention, detection, quarantine, eradication and education. Activities include biological inventories on the island and at ports of departure; development of best management practices for our Maui nursery and ongoing control projects for rodents and khaki weed.

**Faunal Restoration**
As a federally protected Reserve, Kaho‘olawe is a sanctuary for rare wildlife species in Hawaii where human disturbance, development, and light pollution are negligible. Recognized as a top-ranked site for reintroduction and establishment of rare birds, restoring populations of these and other native wildlife will significantly advance restoring populations of these and other native wildlife.

**Training**
KIRC’s consolidated authority for the Island and its surrounding waters allows for an exceptional workforce development program for future conservation leaders and supporters needed to protect Hawaiian natural and cultural beauty. By working with monthly volunteer groups and regularly with Native Hawaiian Hui Kāpehe interns, the Restoration team shares our biggest challenges and best practices with the next generation of Reserve stewards.

“I learned about the incredible dedication & perseverance required of all who work to rehabilitate the land and cultural practices of the island. And the creativity, flexibility & patience required to adapt to the difficulties of re-vegetation.” — Chandy Lopes, Volunteer
HUI KÅPEHE 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 engage in a 300-hour training period through 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, a team of paid Hui Kāpehe coordinators operate from the college campus. Working closely with KIRC and Alu Like staff, they monitor performance, help set kāpehe objectives and co-evaluate performance.

43 total college students participated in the program between July 1, 2015 and June 30, 2016, with activities including: camp establishment at Luamakika and backhoe operation training (Kaho’olawe); reforestation efforts (Kipahulu Forest Reserve, Haleakalā National Park); papa ku’i’ai and pohaku ku’i’ai workshops; KIRC native plant nursery irrigation and hale work (Kīhei); upena (fishnet) making; and camping excursions teaching cultural practices through plants and imu.

The KIRC has been awarded $269,113 to continue this program for the term September 2016 through August 2017. FY17 goal: 50 Native Hawaiian students complete the program.

HŌ’OLA IĀ KAHO’OLawe

Part of a calendar-year 2015 grant through the Maui County Product Enrichment Program (CPEP), 8 free events were produced in FY16 at the KIRC’s Kīhei, Maui site designed to strengthen connections between Kaho’olawe and Maui communities.

Kāko’o iā Kaho’olawe Work Days invited participants to make an active contribution to the restoration of Kaho’olawe by working on the site’s walking trail and native plant nursery to propagate plants for Kaho’olawe. Three events were held in FY16 with a total participation of 40.

Mahina’ai Nights offered a guided tour of the trail while KIRC program leaders shared their Kaho’olawe experiences. Guests then gathered at the KIRC’s native plant nursery, where historical artifacts from Kaho’olawe were on display, and enjoyed live entertainment provided by University of Hawai‘i Maui College’s Institute of Hawaiian Music. Five events were held in FY16 with a total participation of 160.

Through this program, we met hundreds of individuals that could not readily meet the physical, time or financial commitments incurred by an on-island volunteer work trip, but were eager to be involved.

KÅPEHE FEEDBACK

“I learned skills to remain safe on a construction site, when working with various tools, about personal protective equipment I can use to stay safe in different worksites and how to safely handle a chainsaw. This certification will help in my work with renovating my friend’s ohana.”

“I learned that global warming is changing the acidity of the ocean and this will cause damage to sea animals with shells like ‘opihi. They use the calcium from the ocean to build their shells, but with rising acid levels, this will break them down.”

“I learned to sit still and have a personal insight of my life and the life of those that tried their best to give me and my ohana the opportunity of history.”

“I learned that hard work will one day pay off.”

“I learned that forgiveness is not just for human beings but for the ‘aina who suffered much at the hand of man. Forgiveness is a process of healing and acknowledgment of wrong-doing whether or not you participated. This kuleana belongs to all who live and care about Hawai‘i and all that it means to malama e aloha ‘aina.”

“I learned how to move forward and focus.”

“I enjoyed learning about how the traditional Hawaiian culture and beliefs are tied with the decisions we make now and can be integrated with current knowledge. I learned a lot about the history and culture of Kaho’olawe and in particular about restoration efforts. I also learned a little about native plants. Of course I also learned about ingenuity.”
“Favorite memory? After busting our humps all day, taking step back and saying, ‘We did that!’” —Brandon Speelman, Volunteer

FY16 OPERATIONS PROGRAM

Kahoʻolawe was returned to the State of Hawai‘i with minimal on-island infrastructure and no ports or harbors. For the KIRC to fulfill its mandate and mission to restore Kahoʻolawe, it must provide its own support structure to include transportation, water, electricity, housing and waste disposal. Some of the key operations components include the Honokanai’a Base Camp on Kahoʻolawe, the future KIRC Education & Operations Center at Kīhei, the KIRC Landing Craft: ʻŌhua and Unexploded Ordnance (UXO) and Industrial Safety.

HONOKANAI‘A BASE CAMP

The KIRC’s Base Camp functions as a repair facility to maintain equipment and vehicles used to actively manage and restore Kahoʻolawe and to feed and house the KIRC workforce (staff and volunteers). It requires specialized, multi-faceted technicians skilled in basic operations support services such as potable water production and distribution; multi-vehicle and heavy equipment maintenance and repair; road construction; communications equipment maintenance; electrical power generation and distribution and other facility support and maintenance services. As a complete standalone facility, the Camp must produce its own electricity and water and handle its own waste disposal.

KIRC EDUCATION & OPERATIONS CENTER AT KIHEI

Serving the public as the gateway to Kahoʻolawe, the KIRC’s 8-acre Kīhei, Maui property was designated by executive order in 2002 as the future site of its primary operations, information and cultural learning center, a vision that will call on the support of many in the coming years. The future building and facilities will include office space for KIRC staff, historical and interactive exhibit space about Kahoʻolawe, workshops, classrooms and community meeting spaces. As this site is developed there will be increasing potential to create a social enterprise to fuel our mission work. By building capabilities to offer classes, performances, lectures, exhibitions, space rentals, banquets and more, the Kīhei Center will present a vast array of revenue-generating opportunities that can directly fund Kaho‘olawe restoration, preservation, protection and access.

KIRC LANDING CRAFT, ʻŌHUA

Connecting Kahoʻolawe to facilities on Maui is the most important aspect of the KIRC’s logistics system. Transporting the critical materials, supplies, equipment and personnel needed to accomplish the work on Kahoʻolawe requires a dedicated and highly trained crew operating various ocean vessels to ensure the right supplies arrive when needed. Built in 2007 and capable of carrying up to 5 tons of cargo (approximately 40 passengers without cargo), the 39-foot ʻŌhua is the KIRC’s primary means of transport to and from Kahoʻolawe for our volunteer force, staff, Base Camp support, cargo, fuel and more. The introduction of ocean-based transport was a key factor in significantly reducing overhead costs while improving logistics efficiency, ultimately phasing out previously utilized helicopter transport.

UXO AND INDUSTRIAL SAFETY PROGRAM

With live unexploded ordnance remaining on Kahoʻolawe and a residual risk of unexploded ordnance in cleared areas, a vigorous safety program is required. This includes not only unexploded ordnance (UXO) safety procedures and training, but also industrial and construction safety plans, procedures and training to effectively manage Base Camp and field operations.

INFR USTR ASTURE SUP PORT

A 22-building base camp at Honokanai’a includes facilities to house and feed our volunteer work crews, generate electrical power; store fuel for on-island vehicles and the generator; and run a potable water system that uses a reverse osmosis plant to generate fresh water from the ocean. We also have a fully functioning repair facility that maintains our collection of military trucks and all-terrain vehicles and services a wide selection of heavy equipment and construction machinery used to build and repair over 20 miles of improved roads on Kahoʻolawe.

MAUI BASE

Our Kīhei Boat House site serves as the staging area/meeting point for all materials and work crews traveling to and from Kahoʻolawe. Operations include fuel preparation, biosecurity inspection, equipment and supply inventory, safety training, volunteer orientations, all-terrain vehicle and boat repair and outreach activities affiliated with our traditional hale, native plant nursery and educational walking trail at the site.

LOGISTICS SUPPORT

Transporting materials, equipment and personnel is one of the chief functions of the Operations Program. In order to accomplish this mission, the Operations Program maintains variety of heavy equipment, vessels and vehicles ready to respond to our field program’s needs. When needed, two 500-gallon fuel bladders and an offshore pumping rig allow us to quickly and safely transport fuel to the base camp via the ʻŌhua.

SAFETY

Including both industrial and explosive safety programs, the Operations team maintains vital communications with the Island. Servicing provisions for medical emergencies and natural disaster preparedness, the program also focuses on UXO identification, group management, and explosive safety and emergency response procedures through our unique Access Guide Training and Qualification Program.
FY16 ADMINISTRATIVE PROGRAM

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. Highlights of this fiscal year include:

FY16 LEGISLATIVE SESSION
After a long campaign to garner financial support that could serve as a sustainable alternative to the former Kaho‘olawe Rehabilitation Trust Fund, we were granted a reprieve in the 2015 session through Act 84, establishing $1,000,000 in general funds for fiscal years 2016 and 2017. While this was much needed funding, it was not enough to continue full operations on Island. We made best use of this support by significantly reducing our costs — which translated into work trip reductions, staff cuts and furlough days. Though tough, we were able to survive on a shoestring budget through fiscal year 2016. But to succeed in moving forward, we needed additional support.

EDUCATIONAL FORUMS
This year, the KIRC directly collaborated with Maui Police Department’s Summer Leadership Program, Punahou School, Maui County Arborist Committee’s Exceptional Tree program, the International Union for Conservation of Nature (IUCN) World Conservation Congress 2016 through the “Kanu Kaho‘olawe: Replanting, Rebirth” exhibit by Jan Beckett & Carl Pao, Baldwin High School for cultural and restoration program integration, Maui Nui Botanical Gardens’ Arbor Day and the Association of Fundraising Professionals’ Aloha Chapter Philanthropy Day. Direct participation in these forums is estimated at 880 and allows us to engage the public in the importance of our work.

WALKING TRAIL EVENTS
An additional 200 individuals joined us at the site of our Kaho‘olawe Educational Walking Trail during three Kāko‘o o Kaho‘olawe Work Days and five Mahina’ai Nights. With informational signs posted at each area listed on p.24, the trail is designed to connect Maui residents and visitors to the healing process of Kaho‘olawe. Future plans are being developed to revive these events through our Hui Kāpehe program.

THE LIVING LIBRARY
In 2014, the KIRC received a 2-year federal grant sponsoring a virtual museum pilot program: the Kaho‘olawe Living Library. Supported by key library science specialists and a range of community surveys exhibiting a clear demand for library and archival materials — most emphasizing the importance of “sharing cultural wealth for all generations in a unique manner that can be blended in spite of differences and changes over the years” — we have successfully archived and digitized a collection of publicly searchable images and documents for academic, professional and personal development. (Click “Living Library” at kahoolawe.hawaii.gov). A mobile app will be developed in FY17 to transform the Living Library into a fully functioning map of Kaho‘olawe that enables the user to virtually explore the Reserve and to discover the archival collection. The app will include “oral history” video segments with stories told by key Kaho‘olawe participants — now offering a new means of access to Kaho‘olawe.

FISCAL MANAGEMENT
Serves as the focal point for the KIRC’s financial matters by providing direction, planning, reporting, accounting and policy oversight to increase the value of overall programs. Positions the KIRC as a source of collaboration and continuous learning through fund development initiatives that are geared towards self-sufficiency. Works closely with legislators to present specific strategies for long-term sustainability.

COLLECTIONS
The KIRC collects, preserves and enables access to the public records, historical manuscripts, photographs and other materials that contribute to the understanding of Kaho‘olawe history. As the State’s largest repository of knowledge on Kaho‘olawe, our library and archives house thousands of these objects. As the only major island in the Pacific that has been archaeologically surveyed from coast to coast, our inventory contains 3,000 historic sites and features and encompasses a vast collection of distinct archival materials — all in need of proper preservation in order to be shared with the public.

OUTREACH
Public information, communications and regular one-on-one interactions are key to informing our community and decision-makers about the important work we are doing to improve the lives of the people of Hawaii. Through our Ko‘olau Lo‘olamalo newsletter, e-news bulletins, regular press releases, fact checking for media outlets, written testimony, conventions, events, speaking engagements, classroom visits, social media and more, this work is fundamental to building and sustaining relationships with our community.

GIS MANAGEMENT
KIRC Geographic Information Systems (GIS) allow us to analyze results in a given geographic space in order to better prescribe action (e.g. maintenance and planting schedules as well as fuel and work force efficiency). Elements include creating maps and graphs based on Navy cleanup areas; application development; gathering, analyzing, and integrating spatial data from staff, compiling geographic data from field observation, satellite imagery, aerial photographs, and existing maps; and managing all system hardware, software, plotter and drone activity.
2016 LEGISLATIVE SESSION REVIEW

WHAT WE SUPPORTED THIS SESSION:

HB2034: Introduced by Representative Yamane
SB2582: Introduced by Senator English
A direct appropriation General Fund request for FY2017 to support restoration of and access to Kaho’olawe.

HB2035: Introduced by Representative Yamane
Promoting a 3-year photovoltaic desalinization pilot project to evaluate A) efficiency and cost-saving opportunities; B) conservation, sustainable-development and water security benefits; and C) potential for technological development and future Statewide implementation.

HB2209: Introduced by Representative Yamane
Applying a percentage of Public Land Trust funds to facilitate the continuing preservation, restoration and appropriate use of Kaho’olawe for the betterment of Native Hawaiians.

WHAT HAPPENED:

On June 17, 2016, Governor David Ige signed House Bill 2034 into law as Act 72. This bill provides $450,000 of the $600K requested for FY16 and is critical to ensuring that the KIRC will be able to continue its work. Mahalo to all that provided testimony and helped to spread Aloha Kaho’olawe!

This bill passed through the House and passed through three Senate Committees but did not make it to a final vote.

This bill passed through the House but did not receive a hearing in the Senate.

HOW CAN I HELP:

SUBMIT testimony online: 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 kirkmaui@hawaii.rr.com 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.

CRITICAL FACTORS FOR FINANCIAL SUCCESS:

Build the KIRC’s Kaho’olawe Education & Operations Center at Kihei, Maui as the key facility to generate sustainable funding for the island’s long-term restoration and to establish a permanent, public gateway to Kaho’olawe.

Establish a dedicated State funding requirement; securing a permanent workforce to restore and actively manage the Kaho’olawe Island Reserve.

Create a diversified income generating portfolio to achieve financial sustainability and to weather future fiscal changes.

2016 VOLUNTEER PROGRAM

HOW CAN I HELP

SUBMIT testimony online: 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 kirkmaui@hawaii.rr.com 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.

CRITICAL FACTORS FOR FINANCIAL SUCCESS:

Build the KIRC’s Kaho’olawe Education & Operations Center at Kihei, Maui as the key facility to generate sustainable funding for the island’s long-term restoration and to establish a permanent, public gateway to Kaho’olawe.

Establish a dedicated State funding requirement; securing a permanent workforce to restore and actively manage the Kaho’olawe Island Reserve.

Create a diversified income generating portfolio to achieve financial sustainability and to weather future fiscal changes.

The KIRC has been tasked with a monumental endeavor that has and will continue to require thousands of hands over several generations to accomplish. 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, out-planting nearly 1/2 million Native plants. Countless others have actively participated in education and outreach efforts both on and off island, inspiring residents and visitors with the history, culture and ecology of Kaho’olawe.

FY16 VOLUNTEER GROUPS

East Maui Watershed Partnership
Four Seasons Resort Maui
Google Maps
Hawai’i Department of Land and Natural Resources
Harrer Communications
Hawai’i Army National Guard
Hui Kāpehe, a KIRC internship program offered in collaboration with University of Hawai’i Maui College Island Conservation
Kanapou Marine Debris Volunteers
Kīhei Canoe Club
Kīhei Charter School
Maritime Careers Exploration, Marimded Foundation (Makani Olu)
Maui Invasive Species Committee
Maui Nui Seabird Recovery Project
Millilani High School
The National Oceanic and Atmospheric Administration
Protoc Kaho’olawe ‘Ohana
Queen Lili’uokalani Children’s Center
Seabury Hall
University of Hawai’i at Mānoa, William S. Richardson School of Law
University of Hawai’i at Mānoa, Ethnobiology Society
### FY16 Grants

<table>
<thead>
<tr>
<th>TERM</th>
<th>FUNDER'S GRANT PROGRAM</th>
<th>KIRC'S GRANT PROJECT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr 2013-Jun 2016</td>
<td>Hawai‘i Department of Health, Clean Water Branch (NOTE: initially a $204,187.61 grant with a project period of 4/13 - 6/15, a 12-month extension was offered in 6/15, including an additional appropriation of $96k.)</td>
<td>&quot;Reducing Excessive Sedimentation in the Hakoaewa Watershed of Kaho‘olawe Island by Restoring Native Ecosystems&quot;: $294,187.61 to diminish the ecological impact on reef communities via native plantings and other erosion control methods.</td>
</tr>
<tr>
<td>Sep 2014-Dec 2015</td>
<td>Alu Like, Inc. Native Hawaiian Career and Technical Education Program in partnership with the U.S. Department of Education (DOE)</td>
<td>&quot;Hui Kāpehe&quot;: $269,113 to continue a Native Hawaiian internship program in career and technical education.</td>
</tr>
<tr>
<td>Oct 2014-Sep 2016</td>
<td>Native Hawaiian Museum Services (NHMS), Institute of Museum and Library Services (IMLS)</td>
<td>&quot;Virtual Museum Pilot Program&quot;: $49,935 to archive and digitally publish a sample collection of Kaho‘olawe images for public access.</td>
</tr>
<tr>
<td>Jan 2015-Sep 2015</td>
<td>Hawai‘i Council for the Humanities (HCH) Preservation and Access Grant Program</td>
<td>&quot;Virtual Museum Pilot Program&quot;: $5,000 for program outreach.</td>
</tr>
<tr>
<td>Jan 2015-Dec 2015</td>
<td>The Maui County Product Enrichment Program (CPEP), a cooperative partnership through the Hawai‘i Tourism Authority (HTA) and County of Maui</td>
<td>&quot;Hō‘ola ʻi Kaho‘olawe Event Series&quot;: $20,000 to produce 12 Kāko‘o iā Kaho‘olawe Work Days + 7 Mahina’ai Night full moon outreach events at the Kehei site.</td>
</tr>
<tr>
<td>Jan 2015-Dec 2015</td>
<td>Japan Tsunami Marine Debris (JTMDB) project funds, administered by NOAA Marine Debris Program</td>
<td>&quot;Marine Debris Removal on Kaho‘olawe&quot;: $131,738.80 to access + remove 2 tons of marine debris from Kanaapu.</td>
</tr>
<tr>
<td>Sep 2015-Aug 2016</td>
<td>Alu Like, Inc. Native Hawaiian Career and Technical Education Program in partnership with the U.S. Department of Education (DOE)</td>
<td>&quot;Hui Kāpehe&quot;: $269,113 to continue our Native Hawaiian internship program (target = 60 students).</td>
</tr>
<tr>
<td>Sep 2015-Dec 2015</td>
<td>Hawai‘i Invasive Species Council (HISC)</td>
<td>&quot;Biosecurity Implementation Plan for the Island of Kaho‘olawe&quot;: $49,066 for a published plan + 200 acres surveyed on island + rodent control bait stations + education at the Kehei site.</td>
</tr>
<tr>
<td>Jan 2016-Dec 2016</td>
<td>Hawai‘i Tourism Authority’s Kūkulu Ola site.</td>
<td>KIRC Virtual Museum&quot;: $45,200 to create a mobile application (&quot;app&quot;) and oral history component.</td>
</tr>
<tr>
<td>Jan 2016-Dec 2016</td>
<td>Office of Economic Development, County of Maui (OED)</td>
<td>&quot;Sustaining Community Access to Kaho‘olawe: The ʻOhua&quot;: $20,000 to replace trailer.</td>
</tr>
<tr>
<td>Apr 2016-Mar 2017</td>
<td>Hawai‘i Community Foundation’s Community Restoration Partnership (HCF CRP)</td>
<td>&quot;The Healing of Kaho‘olawe: Building Community to Restore Keakaikihiku&quot;: $50,000 to maintain Honokalani’s native ecosystem project + expand by 12 acres in Keakaikihiku.</td>
</tr>
<tr>
<td>Jun 2016-Jun 2017</td>
<td>Office of Economic Development, County of Maui (OED)</td>
<td>&quot;Sustainable Security and Program Management for Kaho‘olawe Base Camp&quot;: $25,000 to continue PV program at Honokalani’s Base Camp.</td>
</tr>
</tbody>
</table>

### FY16 Financials

**Simplified financial statement for FY ending 6/30/16**

- **Support & Revenue**
  - General Fund Appropriations: $799,575
  - Program Grants: $3,123,380
  - Charitable Contributions: $4,82,825
  - Other Income: $94,935
  - Interest on Trust Fund: $13,470
  - Total Support & Revenue: $82,554

- **Operating Expenses**
  - Commission: $13,470
  - Admin & Support Services: $86,840
  - Reserve Operations: $3,123,380
  - Ocean Program: $1,614,388
  - Restoration Program: $522,587
  - Cultural Program: $1,614,388
  - Total Operating Expenses: $2,746,162

- **Trust Fund Balance**
  - Beginning Balance: $3,123,380
  - Support & Revenue: $1,614,388
  - Operating Expenses: $2,746,162
  - Ending Balance: $522,587

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 22 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. Moving forward, we will turn to the State to help carry forth this obligation.

"I learned that my generation may never see the end of it, but by me working on it, and setting a foundation, my keiki can build upon that and make things happen. The fate of Hawaiians lays in the hands of our keiki. We need to build the foundation.” — Ho‘o Makaike, Volunteer
FUTURE PLANS: HONOKANAI'A BASE CAMP

STATUS OF PV
FY16 focused on reviewing design and construction proposals for our Honokanai'a Renewable Energy and Energy Conservation project. After a year-long contracting process, the KIRC and DLNR Engineering Division selected Dawson Technical, LLC as the design-build firm that will make this project a reality. As stated by Dawson, “the primary goal of this project is to establish the building blocks for energy independence and sustainability with reduced reliance on fossil fuels for the future of Kaho'olawe.”

The team’s preliminary designs include installing 88 kilowatts of photovoltaic panels, 60 kilowatts of battery backup, a redesign of the existing reverse osmosis desalination plant and renovations to the dining hall and kitchen to increase natural ventilation and create a new, open-air dining lanai. We are planning to begin construction in FY17 with completion by the end of FY18.

The FY15 State budget included $500,000 in capital improvement project (CIP) funding to begin the design process for the future KIRC Education & Operations Center at Kīhei. This facility will be an import key factor in the KIRC’s future ability to manage the Kaho'olawe Island Reserve, establish a Maui-based gateway to the collections and history of Kaho'olawe and create a means of financial self-sufficiency and sustainability. Once funds are released, the KIRC will be seeking a design team to help us complete our vision.

Left: Executive Director Mike Nāhoʻi’opi, Chairperson Michele McLean, Governor David Ige, Sen. Roz Baker and Maui Mayor Alan Arakawa at the FY16 bill signing of HB2034 into law as Act 72 during an event that took place at our Kīhei site.

There was a staff member who was so dedicated to the survival of the Kapalupalu o Kanaloa plant that he watered it hanging from a helicopter - an example of the passion that the staff & volunteers have shown equally in all of their work on the restoration of Kaho'olawe.” — Cease Wyss, Volunteer.
FY16 DONOR LIST

Access our FREE online Malama Kaho‘olawe curricula (grades 7-12) and teaching materials, chants, historic documents, Living Library and Kaho‘olawe Island Guide mobile app.

Schedule an appointment in our office library or visit our e-news, blog, Facebook, Twitter or Instagram outlets.

Make a tax-deductible donation to the Kaho‘olawe Rehabilitation Trust Fund or make a contribution of new or used equipment to support the KIRC mission.

Apply for a Hui Kāpehe paid internship or schedule a group work day at our Kihei site, where Kaho‘olawe experts are developing a community learning space.

Request a guest speaker for your office, classroom or other gathering, (all islands), then testify! The Legislative Session lasts from Jan - May; register at capitol.hawaii.gov for hearing notices.

GET INVOLVED

BENEFACTORS

Edna Marie Kong
Law Living Trust
Rebecca Zalke
Mahina Lealalo
Margaret Enomoto
Four Seasons Resort Maui at Wailea
Institute of Hawaiian Music, University of Hawaii Maui College

SUSTAINERS

Anita Ray
Patricia Justice
James & Karen Dewinter
Leona Seto-Mook
James & Marie Gray-Felde
Sabra Kaua

P. Nelson Foster
Margaret Enomoto
Rebecca Zalke

DONORS

Harry & Hilary Seery
Jean Sun Shaw
Souza-Bento ‘Ohana
Blakely Sullivan

Calvin Ichinose
Patricia Justice
James V. Tiger Metcalfe

GIVING LEVELS & BENEFITS:

Benefits Include

Sustainer
Benefactor
Patron

Newsletter Advertising
✓
✓
✓

KIRC Logo Gift (see tees below)
✓
✓
✓

Seabird Restoration Sticker
✓
✓
✓

Subscription to Ko Hema Lamalama
✓
✓
✓

e-News Enrollment
✓
✓
✓

Mahala!
✓
✓
✓

DONOR FORM

Through your resounding support of last year’s inaugural ALOHA KAHO‘OLAME membership drive, we were able to secure the first-ever direct appropriation of general funds, since being established by the State of Hawai‘i in 1994.

Individual donations are critical to our efforts to protect restore and preserve the ocean and land of this important cultural reserve. If you have been impacted by Kaho‘olawe — as a volunteer, friend, teacher, student, researcher or other community or family member, we invite you to renew today (or to join a friend) in order to help make a difference for this special place.

Send this completed form with your donation to: 811 Kolu Street, Suite 201 | Wailuku, HI 96793.

Checks may be made payable to Kaho‘olawe Rehabilitation Trust Fund. You can also give online at kahoolewahawaii.gov/donations.shtml

CONTACT INFORMATION:

Name and/or company

Address

E-mail

Phone

GIFT TYPE:

☐ Sustainer ($50-$99) / $25 with student ID

☐ Benefactor ($100-$499)

☐ Patron ($500 & up)

If you have been impacted by Kaho‘olawe — as a volunteer, friend, teacher, student, researcher or other community or family member, we invite you to renew today (or to join a friend) in order to help make a difference for this special place.

Mahalo to the following outstanding individuals for helping to continue restoration of and access to Kaho‘olawe for this and future generations!

PATRON $500 +

Edna Marie Kong
Law Living Trust
Rebecca Zalke
Mahina Lealalo
Margaret Enomoto
Four Seasons Resort Maui at Wailea
Institute of Hawaiian Music, University of Hawaii Maui College

FUNDING LEVELS

BENEFACTORS

$100 - $499

Aqua Engineers, Inc.
Milton Arakawa
Linda Jean Berry
Lea Davis
James & Karen Dewinter
Keoni Fairbanks
P. Nelson Foster
James & Marie Gray-Felde
Sabra Kaua

SUSTAINERS

$50 - $99 (or $25 for students)

Valerie Amby-Kamakamea
Tikki Bisbee
Wade Holmes
Will Larche
Robert Woody

DONORS

Other

Brenda Akao
Alicia Bautista
Jan Becket
Elizabeth Davis
James & Marie Gray-Felde
Julie Smith

Access our FREE online Malama Kaho‘olawe curricula (grades 7-12) and teaching materials, chants, historic documents, Living Library and Kaho‘olawe Island Guide mobile app.

Schedule an appointment in our office library or visit our e-news, blog, Facebook, Twitter or Instagram outlets.

Make a tax-deductible donation to the Kaho‘olawe Rehabilitation Trust Fund or make a contribution of new or used equipment to support the KIRC mission.

Apply for a Hui Kāpehe paid internship or schedule a group work day at our Kihei site, where Kaho‘olawe experts are developing a community learning space.

Request a guest speaker for your office, classroom or other gathering, (all islands), then testify! The Legislative Session lasts from Jan - May; register at capitol.hawaii.gov for hearing notices.

Mahalo Baldwin High School students for the study and design of our new “Kaho‘olawe Island Seabird Restoration Project” logo! Available while supplies last.

“...I thought the land would be much more angry and unwelcoming. Instead, I felt that the island feels like good work is being done to help it heal.” —Benjamin Feinstein, Volunteer