

KAHO'OLAWE

KO HEMA LAMALAMA | Newsletter of the Kaho'olawe Island Reserve | Spring 2018

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Welcome to *Ko Hema Lamalama*, the newsletter of the Kaho'olawe Island Reserve. Uncle Harry Mitchell interpreted this name as **the southern beacon**, which served as a source of light to weary travelers voyaging beyond the pillars of Kahiki. Let *Ko Hema Lamalama* aid us in sharing a source of light from Kaho'olawe and the restoration of Hawaiian culture across Hawai'i nei. *Photo: Sylva Cechova | This issue is made possible by supporters like you. Mahalo for helping us share Kaho'olawe.*



Executive Director
Michael Nāho'opi'i

As former KIRC Executive Director Keoni Fairbanks once wrote: "In working for the return of Kaho'olawe, many of the current generation rediscovered what it means to be Hawaiian. Restoring the island will provide a place and a purpose for a new generation of Hawaiians to be trained in the rights and responsibilities of 'kahu o ka 'āina,' or stewards of the land. It will provide a place for the Hawaiian and those who wish to be more Hawaiian to experience the intimate connection to the land, the sea, the kūpuna, and the akua. Hawaiian arts and sciences such as traditional navigation will be taught to a new generation."

While most of the work to restore Kaho'olawe entails people physically replanting the barren landscape,

building erosion control berms and eradicating invasive species, there are still many ways in which your help is vitally needed.

During the legislative season, we need many supporters to write to their legislators and to submit testimony to help continue funding for volunteer access and replanting on Kaho'olawe. The KIRC comprises a small part of the State budget, which often gets overlooked by larger organizations. Through our 2012 fiscal audit and our financial sustainability plan, we have demonstrated that we have the ability and leadership to manage our resources well.

We need everyone to share their Kaho'olawe experiences. These are valuable teaching tools to help spread the message of stewardship and responsibility to those that have not been to Kaho'olawe. What you have learned and experienced while working to heal Kaho'olawe can be used to encourage your own community to cherish the 'āina where you live and to find ways to protect it from the damage seen on Kaho'olawe.

Lastly, the KIRC is slowly building the Kaho'olawe Operations and Education Center at Kīhei. Currently, we have a few facilities at our future home including our boathouse, a native plant nursery and a traditional house, or hale. We always need volunteers to help maintain and expand our facilities in Kīhei and at the same time you can learn more about stewardship and aloha 'āina.



February access volunteers Pacific Whale Foundation and MISC
Ko Hema Lamalama | Spring 2018



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

The KIRC 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.

The Kaho'olawe Island Reserve Commission (KIRC) was established by the State of Hawai'i in 1994.

With a commitment to restore, protect and preserve Kaho'olawe, the KIRC partners with community groups to foster a culture of stewardship and conservation for Kaho'olawe and for all of Hawai'i's cultural and natural resources.

Together, we are restoring a Native Hawaiian dryland forest across 28,780 acres, working to protect 51,200 acres of Reserve waters, preserving 3,000 historic sites and features and training the next generation to be the physical and spiritual healers of Kaho'olawe.

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Question:

Would you like to receive, or continue to receive this newsletter in the mail?

- ☐ YES!
☐ NO, I prefer a digital copy.

Tell us at administrator@kirc.hawaii.gov or mail your answer to the KIRC.

Your prompt response will help us to communicate in the most convenient, waste-free way possible!

*Non-responders will be defaulted to "NO."
Members will be defaulted to "YES."*

?

INFLUENCE + ACTION

2018 LEGISLATIVE SESSION

As of February first, 2,943 bills were introduced this legislative session, the highest amount over a seven year period. On average, just over 250 of them will become law. Currently, three bills are being introduced for Kaho'olawe, designed to secure funding for preservation, restoration, protection and access to Kaho'olawe now and for future generations.

HB2594 introduced by Rep. Yamane and **SB30227** introduced by Sen. Shimabukuro request \$600,000 in general funds and reinstatement of the KIRC's Culture Project Coordinator position. **HB2098** introduced by Rep. Yamane would transfer the Kihei Small Boat Harbor from BLNR to KIRC management as a potential source of income to fund Kaho'olawe operations.

Be sure to A) visit kahoolawe.hawaii.gov/leg-updates to access the fine print, B) join our e-news list at kahoolawe.hawaii.gov to receive updates and C) register for hearing notices for each bill above at capitol.hawaii.gov where you see "hearing notification."

Visit page 10.

How would you describe your Kaho'olawe volunteer experience in 3 words?



ADAM HANOHANO
College Student

Enlightening
Formidable
Optimistic



CHRIS BROCK
Hotel Employee

Educational
Friendly
Memorable



YARROW FLOWER
Land Asset Manager

Powerful
Humbling
Connected



MARTIN FRYE
Seabird Restoration

Community-building
Educational
Inspirational

Sample testimony from a Kaho'olawe bill hearing:

Dear Policy Makers, I am concerned about making sure that Kaho'olawe Island Reserve Commission is amply supplied with the funding they need to complete their jobs with excellence. The funding for Kaho'olawe is in dire need of replenishing. I think legislators can make a difference for KIRC if you could speak up about the present conditions on Kaho'olawe, considering the damage from Navy ordnances which have destroyed this land. The injured land must be effectively and sufficiently replanted and completely rid of invasive species in order to be as naturally native as it once was.

Use your powers of speech and persuasion to explain the progress that is now being made by KIRC and Protect Kaho'olawe 'Ohana. Educate the mindset that doesn't understand that materials, manpower and supplies are not a given. You must ask for help and support at every opportunity that you can to bring attention to this innocent target.

In closing, I stand with KIRC, PKO and all of the other groups of people who lend their time, attention and money, because we believe that this 'āina must be flourishing with native flora and fauna for it to be cured of its scars before anyone can say the work has been completed. I hope you will consider my thoughts when you allocate your budget. Mahalo for the work you are about to accomplish. — Pamela Zirker, Kapa'a Kaua'i, HI

SUBMIT

testimony online

JOIN

hearings

HOST

a talk story

ENCOURAGE

others

MEET

your decision makers



HOW TO INFLUENCE CHANGE

TEACHER TRAINING



November access groups Pōmaika'i, Hawai'i News Now, Hui Kāpehe, National Geographic Society and the Pu'e Project with KIRC staff

Now entering its second quarter of a 2-year partnership funded by the **Bay Watershed Education and Training (B-WET) program** of the **National Oceanic and Atmospheric Administration (NOAA)**, the KIRC's "Learning 'Āina Through Kaho'olawe and Arts Integration" project is well underway. Part of a new collaboration with Pōmaika'i Elementary School to develop a 4th grade mauka to makai curriculum, teachers will combine learning both outdoors and in the classroom in order to increase student watershed understanding and stewardship. Here, Pōmaika'i teachers Jaydon Isobe, Wileen Ortega, Merrill Ranken, Donelle Sakuma and Joann Shishido cooperatively respond to questions about the KIRC grant project.

What prompted this collaboration?

KIRC Ocean Program Manager Dean Tokishi approached our team in September. He shared his vision of partnering with an elementary school to create a curriculum that focuses on watershed management, using Kaho'olawe as a model. To be able to immerse in an environment that has been so badly damaged but has so much hope for the future; so much history and cultural connection to our past — it seemed like a perfect fit for Pōmaika'i.

What are some of the goals for Pōmaika'i Elementary School?

Pōmaika'i Elementary is the first arts-integrated school in Hawai'i, striving to fulfill our vision to teach the whole child through art integration and technology. This means teachers use visual arts, drama, music and dance to teach core subjects and to deepen student learning through creative and critical thinking. Arts-integrated curricula connected with Hawaiian history is not readily available. Through this grant, KIRC will provide five Pōmaika'i teachers two accesses to Kaho'olawe to gain first-hand experience with watershed management and to create videos to act as a virtual field trip for students immersed in the curriculum. Our goal is to apply this curriculum in the Fall 2019 school year, which is just after the project's "end" date.

What did you gain from your Kaho'olawe access?

Our first access sought to develop our relationships with Kaho'olawe and to expand our content knowledge. Collectively we gained direct exposure to the physical features of watersheds, observations of Kaho'olawe watershed management challenges, exposure to various methods of both resource restoration and ongoing monitoring, photo and video evidence to use in planning and implementing lessons, and an understanding of how traditional cultural practices and modern science and engineering practices are supporting each other for the benefit of the 'āina.

We were fortunate to spend time both on and off camera with KIRC staff, whose personal stories will connect the students to the passion and commitment that is part of restoration work. As a team, we felt privileged to be in the company of these dedicated professionals, and honored to share the critical thinking and problem-solving approach they use on the job with Maui students through our curriculum. As we continue to reflect on our time with Kanaloa, we hope to learn more about the unique challenges it faces in a changing climate and to become more acquainted and maka'ala to what we can do today to help prepare for the future of this mokupuni as well as the precious resources for our keiki.



Pōmaika'i fourth-grade teachers

NOAA's B-WET Hawaii Program provides opportunities to create a population that is knowledgeable about earth systems science, climate change, marine science, coastal science and relevant hazards. Once engaged with the experience and information, these educators and students are poised to understand the role this knowledge plays in developing culturally relevant community resilience and stewardship. By supporting organizations that use the environment as the context for learning, NOAA is providing a platform that engages learners and revitalizes teachers with the watershed and the surrounding landscape acting as a living laboratory.

Individuals that have been educated about Earth's processes, community resilience to hazards and climate change can become effective problem solvers and future community leaders and decision-makers charged with managing Hawaii's island resources. — NOAA Bay Watershed Education and Training (B-WET) Hawaii Program

COMMUNITY OUTREACH

RECENT VOLUNTEERS & PARTNERS

Big Brothers Big Sisters of Maui
Dawson Technical, LLC
East Maui Watershed Partnership (EMWP)
Four Seasons Resort Maui
Harmer Communications
Hawai'i News Now
Hui Kāpehe interns of Honolulu Community College, Leeward Community College and University of Hawai'i Maui College
Mākaha Hawaiian Civic Club
Maui Invasive Species Committee (MISC)
Maui Nui Botanical Gardens
Maui Nui Seabird Recovery Project (MNSRP)
Monsanto Maui
Mo'okiha o Pi'ilani
National Geographic Society
Pacific Whale Foundation
Pōmaika'i Elementary School
Protect Kaho'olawe 'Ohana
The Pueo Project, a new citizen science initiative of UH Mānoa
Pu'u Kukui Watershed Preserve
Skyline Eco-Adventures
State of Hawai'i Division of Forestry and Wildlife
University Laboratory School: A Hawai'i Public Charter School
University of Hawai'i at Mānoa's Aloha 'Āina Master of Education in Curriculum Studies program
U.S. Fish & Wildlife Service, Migratory Bird Program
West Maui Mountains Watershed Partnership
Zapata Engineering & 'Ohana

*With special thanks to our volunteer island-support and 'Ōhūa crew:
Michael Asami, Kawelu Higashino, Mel Kekahuna, Alex Radion, Mish Shishido, Weston Sumner and Milton Yamashita*

*For interested volunteer groups, **please note** that our priority at this time is to focus on grant-funded obligations and to support partnerships that align with the vision for Kaho'olawe. While we greatly appreciate the strong desire to contribute to the healing of the island, the amount of requests we receive far exceed the resources available to accommodate demand. Learn more at kahoolawe.hawaii.gov/volunteer.*

"As an educator, my objective now is to help students find their 'Kaho'olawe.' Although it would be ideal to have all of my students experience first-hand, all of what the island has to offer, financially and logistically, this would be nearly impossible. Thus, my kuleana is to now help haumāna find 'Kaho'olawes' of their own. Whether it be Mākua, Waipi'o Valley, Nā Wai Eā or Hanalei, establishing a strong connection to a place, its history, its mo'olelo and its people will help our haumāna rediscover the attributes of our ancestors and encourage them to engage in the process of raising our lāhui to higher levels." — Jacob Pacarro, Kamehameha Schools Kapālama High School Math, Kauhale Program kumu & KIRC Volunteer



MISC + EMWP



Maui Nui Botanical Gardens



Kamehameha keiki



Commissioners meeting



December volunteers



Water security grant work



Skyline Eco-Adventures



Mākaha Civic Club



November mustaches



January volunteers



Hawaii News Now



Mo'okiha

WORKFORCE DEVELOPMENT

THE RISE OF UNMANNED AERIAL SYSTEMS

With limited manpower, funding and other resources, drone technology is quickly proving to be a valuable tool to assist in the KIRC's mission to restore and protect precious Kaho'olawe natural and cultural resources.

A unique partnership with Alu Like Inc. — whose mission is to kōkua Hawaiian Natives who are committed to achieving their potential for themselves, their families and communities — is now supporting career and technical educational (CTE) training for college interns that will become the next generation of Kaho'olawe caretakers. Through a CTE grant award that we have entitled **Hui Kāpehe** (*hui*: association, institution, organization, joint ownership, partnership, team. *kā.pehe*: fellow worker, associate, assistant), KIRC staff are able to partake in professional development courses in order to certify Hui Kāpehe interns in CTE subjects.

KIRC Ocean Program Manager Dean Tokishi and GIS/LAN Specialist Carmela Noneza recently completed a two-week intensive instructor course in Anchorage, Alaska, enabling them to offer *Unmanned Aerial System (UAS) Certification & Best Practices Curriculum* in the Hui Kāpehe curriculum. Endorsed by the Alaska Airmen Association, a collaboration between industry professionals, teachers and instructional designers from Alaska Aerial Education, has equipped Dean and Carmela to train others for the FAA Remote Pilot Exam and to become competitive professionals in the field of UAS.

"If I didn't have this opportunity with Hui Kāpehe, I would not be able to do this training on my own — I would not have the focus or the funds," says intern Mel Kekahuna. Mel is now doing drone work with a local canoe tour company, offering the experience of how ancient Hawaiians traveled and capturing that for others.

To date, eight interns have completed the course, four have taken their FAA exam and those remaining are lined up to sit for the exam at the O'ahu testing center.

"Drone use opens up entirely new perspectives for ecological research and environmental protection," notes Carmela, "For example, drones are already being used for mapping hard-to-reach areas or for the inventory of endangered animal species. Other areas in the world have experimented with the idea of seed bombing or aerial reforestation wherein seeds are being dropped from a flying drone."

She goes on to share that drones have seldom been used to map marine ecosystems, however, its bird's-eye-view offers great advantages. Image data can be captured for a large surface area of a coral reef with its structural characteristics where divers would otherwise have to spend days collecting data underwater.

The KIRC's training course is an online/ hands-on hybrid, comprised of an open-source learning management system and practical assessments designed to ensure that participants are able to progressively build upon their knowledge base and skillsets. The two-week course is spread over a period of a few months to allow for group scheduling and to give students time to complete their lessons.

Apply for Hui Kāpehe at kahoolawe.hawaii.gov/opportunities.shtml.



Drone image of a 15-year restoration project area on the hardpan. ▶

DRONE USES FOR THE KIRC: Currently the KIRC uses drones to capture imagery and videos for the Water Resource Management grant and the Dryland Forest Restoration grant. We will continue to integrate drone use in current and future projects, e.g., coral reef monitoring, coastal aerial surveys, invasive species removal (drops) and seed bombing, aerial land surveying and mapping.

SOME INFO ON DRONES

- Drones are remote-controlled airborne devices referred to as *unmanned aircraft systems* by the Federal Aviation Administration (FAA).
- Sizes can range from one that fits in the palm of your hand to one weighing seven pounds (which is the equivalent of an ant carrying 24 backpacks).
- Prices range today from \$50 to \$30,000 or more.
- Drone technology has developed and prospered in the last few years, with individuals, commercial companies and governments using them for aerial photography, movie making, real estate, agriculture, land surveying, inspection services, building inspections and more.
- Per the FAA (Federal Aviation Administration), drones will add \$82 billion to the U.S. economy by 2025.
- The projected number of drones in the U.S. by 2020 is estimated at 7 million. In Hawai'i, as of May 2016, there were 195 registered drones and 3,234 registered recreational drone users.
- Drone technology is ever-evolving and its usage continues to skyrocket.

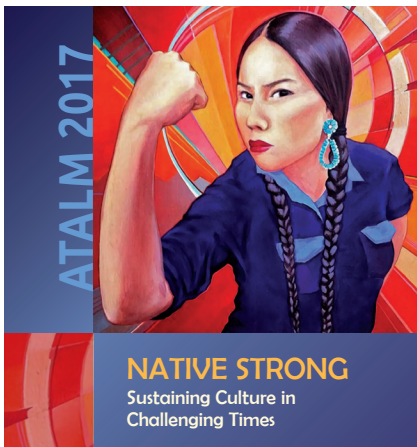


HISTORY MATTERS

"The island's rapid deterioration and erosion of cultural sites, water sources, ocean resources and the rapid desedimentation and depletion of soil required immediate attention. The interpretation of Kaho'olawe, "to cause a removal" was a visible reality in the 1970s and 1980s... being able to set everything in order physically, visually and in alignment with the island, with the unseen and with one's self, is food for the soul. It is fulfilling, satisfying and rewarding moreover, the work accomplished will be left as a legacy of passion for generations to come." – *The Culture Plan for Kanaloa Kaho'olawe* (Dr. Pualani Kanaka'ole Kanahale, Edith Kanaka'ole Foundation, 2009)

► That hardpan 25 years ago (photo supplied by Michael Nāho'opi'i)

Recent hardpan pictograph, courtesy USGS



This fall, the KIRC's virtual museum pilot project, **the Kaho'olawe Living Library**, was selected as a featured project at the 2017 International Conference of Indigenous Archives, Libraries and Museums (ATALM) held in Santa Ana Pueblo, NM.

Commission Coordinator Terri Gavagan presented the project in a session entitled "Preserving the

Past, Sharing the Future: Tribal Museums and Cultural Centers Leading the Way," alongside Sandra Narva, Senior Program Officer, Institute of Museum and Library Services (IMLS); Karl Hoerig, Director, Nohwiike' Bagowa Museum, White Mountain Apache Tribe and Fort Apache Heritage Foundation, Inc.; and Janine Ledford, Executive Director, Makah Cultural and Research Center.

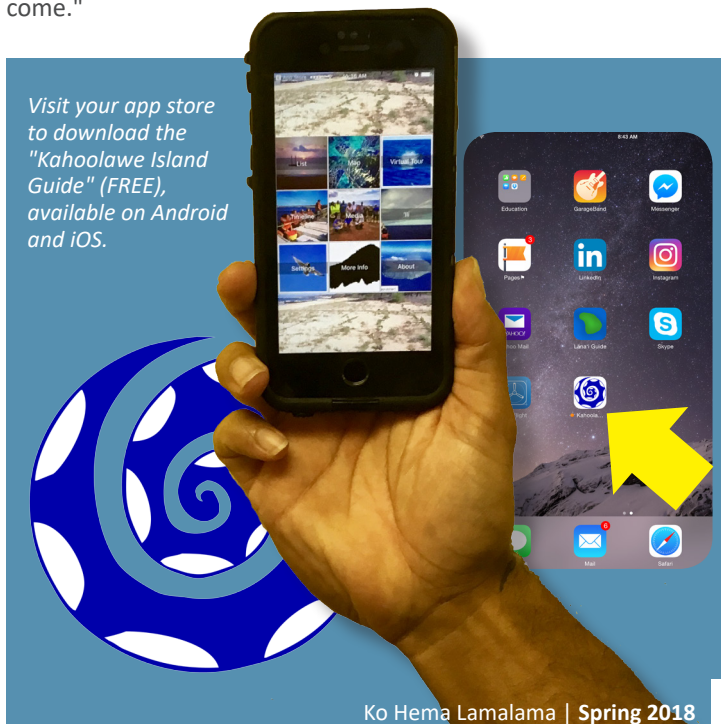
Terri remarks "Our main purpose is to let people know about all of the incredible archival material we have at the KIRC that's just waiting to be researched and interpreted. Specifically since Kaho'olawe is one of a few examples of an indigenous grassroots organization able to go toe to toe with the federal government and win. It also has the potential of being a wealth of information for how indigenous peoples can try to reclaim their heritage/ their culture in a nonviolent way. I think this is a great place to start when looking at how indigenous people can actually work with government agencies in determining how an area is cared for."

It has been one year since the KIRC's release of the Kaho'olawe Living Library; a pilot project sponsored by the Institute of Museum and Library Services' Native American/ Native Hawaiian Museum Services Program that resulted in a free, online archive

of a collection of historical Kaho'olawe images and documents – now available for academic, professional and personal development. Since that time, IMLS has supported the KIRC's work in transforming the Kaho'olawe Living Library from a content management system (database) into an accessible multimedia user experience (mobile app) – aptly named the **Kaho'olawe Island Guide**. Both the Kaho'olawe Living Library and the Kaho'olawe Island Guide are accessible from the KIRC's home page: kahoolawe.hawaii.gov.

"We are proud that IMLS grants have helped the Kaho'olawe Island Reserve Commission develop its virtual museum," said IMLS Director Dr. Kathryn K. Matthew. "This important project makes historic documents and photographs accessible to the public, fostering a greater understanding of the Kaho'olawe culture and heritage and preserving this critical history for generations to come."

Visit your app store to download the "Kahoolawe Island Guide" (FREE), available on Android and iOS.



RESTORATION UPDATE



In January, KIRC Restoration Program Manager Paul Higashino joined Dr. Art Medeiros of Auwahi Forest Restoration Project at Kaunoa Senior Center to share their work with a packed house of pre-registered attendees. Part of a twelve month series of classes entitled "2018 — Giving Back to the 'Aina," Kaunoa is partnering with the Friends of Kealia Pond National Wildlife Refuge to

draw attention to ecological restoration as a science and as one of the most important forms of conservation that any group can undertake.

"Auwahi reforestation and Kaho'olawe restoration are two projects that deserve worldwide attention for their efforts, concept and scope of vision," remarks program lead Sonny Gamponia, who is working with Maui Nui Botanical Gardens to propagate native plants for organizations doing ecological or habitat restoration projects. "I was particularly inspired by Paul's very creative problem solving skills, which triggered some ideas for an upcoming program to educate interested participants on the value and vision of restoration, learn to read landscapes, recognize native plant communities, (the plant combinations not the people), and interpret ecological behavior."

In February, Paul was invited to speak at the Hannibal Tavares Community Center in Pukalani about watershed restoration on Kaho'olawe in a talk focusing on hard-won achievements in planting and erosion control as well as the direction of natural resource management on the island. Hostess Shannon Paapanen of the Native Hawaiian Plant Society reacted "It was so interesting and fun to listen to Paul talk — everyone was spellbound. As somebody at the meeting said, he's a walking encyclopedia for conservation in Hawai'i."

Groups interested in learning more about Kaho'olawe are encouraged to schedule a talk story session with the KIRC. Email us at administrator@kahoolawe.hawaii.gov or call (808) 243-5020.



Volunteer removing Fountain Grass (*Pennisetum setaceum*) on-island. Native to Africa and brought to Hawai'i as a garden ornamental, this highly flammable weed is fast becoming a problem across Hawai'i and on Kaho'olawe. As an invasive, its seeds spread rapidly and far, dispersed mainly by wind, outcompeting and suppressing native vegetation. Learn more at kahoolawe.hawaii.gov/plans/KIRC_BiosecurityPlan_V10.pdf



This January, the **Kaho'olawe Island Seabird Restoration Project Steering Committee** came together to determine next steps regarding fundraising and program implementation for their plan to restore Kaho'olawe as a sanctuary for rare and endangered wildlife species in Hawai'i. Participants included grantees KIRC and Island Conservation as well as:

- Protect Kaho'olawe 'Ohana
- State of Hawai'i Department of Land and Natural Resources
- U.S. Fish and Wildlife Service
- Hawai'i Department of Agriculture
- The Nature Conservancy
- American Bird Conservancy
- Pacific Rim Conservation

Details are available at kahoolawe.hawaii.gov/plans-policies-reports.shtml under *Business Plan for the Restoration of Hawaiian Bird Life and Native Ecosystems on Kaho'olawe*.

This month marks our half-way point in the **Hakioawa Watershed Ground Water Recharge** project funded by the **DLNR Commission on Water Resource Management**. To date, an archaeological monitoring plan is awaiting State Historic Preservation Division review, 136 volunteers have removed invasive plants species in the 100-acre project site, 20 soil infiltration rate measurements were taken with a double ring infiltrometer in restored and non-restored areas and a water level data logger was installed in Hakioawa Stream at the intake pipe on a former USGS stream gage. The project goal is to reduce Total Maximum Daily Load (TMDL)* by 20%.

*TMDL is a regulatory term in the U.S. Clean Water Act, describing a plan for restoring impaired waters that identifies the max amount of a pollutant that a body of water can receive while still meeting water quality standards. Pictured: volunteers working on plants and irrigation in the project site in Hakioawa Watershed, where we began work in 2003.





From left: Public Information Specialist Kelly McHugh, Commissioner Jonathan Ching (PKO), Logistics Specialist Grant Thompson, Natural Resources Specialist (NRS) III Jamie Bruch, Commissioner Coordinator Terri Gavagan, Maintenance & Vessel Specialist Lopaka White, Commissioner Michele McLean, Chair (County of Maui), NRS V Paul Higashino, Commissioner Carmen Hulu Lindsey (OHA), Executive Director Michael Nāho'opi'i, Commissioner Hōkūlani Holt (Native Hawaiian Organization), Commissioner C. Kaliko Baker (PKO), Administrative Officer Ka'ōnohi Lee, NRS III Lyman Abbott, Commissioner Josh Kaakua (PKO).

LAULIMA (many hands)

19.6k
dollars

This is the amount YOU raised for us this year for our public programming. You complete us!

588
acres

Without your backing, we could not have made so much progress this past year regarding restoration coverage.

11k
plants

Planting on Kaho'olawe is far different than in most places. Your dollars go a long way to restore, protect and preserve.

1.1k
items

Our *Kaho'olawe Living Library* is fast becoming an important tool in classrooms, thanks to your feedback and encouragement.

12
grants

Community value is an important consideration for funders. This comes from you!

473
volunteers

Permit fees only cover a small part of on-island support. Your help does the rest!

MAHALO: CURRENT MEMBERS (3/1/17 — 3/1/18)

Each year, our members contribute directly to the sustainability of KIRC programs, which are dedicated to the rebirth, restoration and flourishing of Kaho'olawe and its surrounding waters, now and for generations to come! See page 10 to join.

PATRONS (\$500 and up)

ATC Makena Management Services Corp
Margaret Enomoto
Marcio Freire Silva
Kawika Freitas
Kalani Honua
Will Lichty
Joan Pedro
Steve Pedro
Ellen Pelissero
Rebecca Zalke

BENEFACTORS (\$99-\$499)

Advance Wildlife Education
Royce Anonymous Donor
M. Ellen Bentley
James Case
Jeffrey Chang
Jonathan Ching
Robert Cole
James & Karen Dewinter
Hugh & Brynn Foster
Christopher Giles
Kathy Gunter
Stephen Hack
Chad Hamill
Bill & Elaine Hartleb
Hawaiian Paddle Sports LLC
Li Hay
Mark Heckman
Hokulani Holt-Padilla
Alissa Huelsman-Bell
Charles Ice
Calvin Ichinose
Patricia Justice
Joshua Kaakua

Kawailoa Kanahale Dawson
Howard J. Kantner
Anna Kaohelaulii
Sabra Kauka
Linda H Krieger
Michael Kurose
Bob Law
Kaonohi Lee
Robert S Lee III
Nik Livic
Christopher Lovvorn
Rose Macias
Scott Marshall
Michele McLean
Kimberly Mills
Frances O'Reilly
Benton Pang
Pamela Predmore
Michael J. Rineer
Madori Rumpungworn
Vincent Shigekuni
Eric Simpson
Hannah Kihalani Springer
Laurence Stevens
James Timmons
Miki Tomita
Antonia Van Kampen
Wren Wescoatt
Nathan Wong
Pamela Zirker

SUSTAINERS (\$50 - \$99)

Sydney Coelho
Javier Cotin
Beatrice Dawson
Nicole Floyd
Steve Gutekanst

Chris & Barb Harmer
Patricia Holmberg
Lea Hong
Mark & Vicki Hyde
Barbara Kossow
Kevin LaRue
Edward Lyman
Michael McCoy
Virginia Pedro
Winona Rubin
Robert Vavul
Lopaka White
Jettie Word

DONORS (Under \$50)

Megan Ah Mu
Valerie Amby-Kamakeeaina
Chauncey Asing
Catherine Bass
Scott Convery
Jennifer Costello
Stephen Curro
Ayn Hazen
Phillip Herres
Isabella Hughes
Greg & Gwynn Johnson
Emily Klein
Kelly McHugh
Noelani Puniwai
Gil Riviere
TiCondra Swartz
Jonathon Tichy
Walter H. & Ione E. Tokishi
Annette Tryon-Crozier
Linda Uchima
Lewis Weil
Barbara L Williams

GET INVOLVED



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, (links on back cover).



Make a tax-deductible donation to support Kaho'olawe or make a contribution of new or used equipment. Wish list at kahoolawe.hawaii.gov/donations.shtml.



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 KIRC speaker for your club or classroom (all islands), and/or testify! The Legislative Session lasts from Jan - May; register at capitol.hawaii.gov for hearing notices.



KIRC volunteer Hans Winkler recently released a book entitled ***Journey to Kaho'olawe***, a documentation of his time with the KIRC translated through works of art that represent the cultural and spiritual significance of the island.

Hans signed on as a volunteer after listening to friends speak about the

bombing of Kaho'olawe in the 60's and 70's, as they viewed the island from Mākena Beach. While on island with a school group, he was fascinated by their expressions as they were taught, hands-on, at archaeological sites and cleared areas. "There, you have a special atmosphere; something you can't describe just in a classroom as an abstract idea. There, you see what happened, you see the landscape and you can actively participate in change through plantings. I watched a change in those students as they learned stories and history that the KIRC was teaching them about."

In the book, Hans collaborates with Cease Wyss to create different conceptual artworks within the context of the island and its symbolic character, and in relationship to other cultures and nations. Mahalo nui, Hans!



Mahalo to KIRC volunteer Márcio Freire for donating 50% of your book (***Life, Dreams and Surf***) launch proceeds to Kaho'olawe!



We are happy to announce new KIRC team member Janeece Beauchamp, who joined us as **Administrative Specialist III** in March 2018.

Born and raised on Maui and of Native Hawaiian descent,

Janeece attended Baldwin High School before studying business management and communications at the former Maui Community College. Prior to joining us at the KIRC, she spent ten years with Hardware Lumber Maui as assistant office manager and a cabinet designer, five years with Four Seasons Resort Maui as beach concierge and pool attendant and at Navatek as Hawaiian Culture Director. Janeece has volunteered as team mom for club wrestling (Maui Tiger Style) for Baldwin HS, where her children attend, and with Keālia Pond National Wildlife Refuge. Janeece is "extremely excited to be a part of this amazing program that helps the community to preserve the Hawaiian culture."

Mahalo nui to the **Dawson 'Ōhana** for your ***E ala Kohemalamalama O Kanaloa*** fundraiser, in celebration of Kawaiolo Kanahele Dawson's 3rd Birthday! Setting up an online fundraiser is a unique component of our partnership with CNHA's *Hawaiian Way Fund*, who accepts credit card donations on our behalf. Anyone can set up a Kaho'olawe fundraiser by visiting <https://pages.donately.com/hawaiianwayfund/campaign/130-kaho-olawe-rehabilitation-trust-fund> and clicking "start a fundraiser."



IMUA!

ALOHA KAHO'OLAWE

Aloha Kaho'olawe is a campaign to support Kaho'olawe restoration and access. Through this initiative, we invite participation via membership donations, partnerships and legislative support. By building consensus that there is value in the historical, cultural, ecological and community building resources shared through Kaho'olawe, we aim to share this special place now and for generations to come.

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 join today.

GIVING LEVELS & BENEFITS:

Benefits Include	Patron	Benefactor	Sustainer
Kaho'olawe Card Set	✓		
KIRC Logo Tee (<i>while supplies last</i>)	✓	✓	
Seabird Restoration Project Sticker	✓	✓	✓
Subscription to Ko Hema Lamalama	✓	✓	✓
e-News Enrollment	✓	✓	✓
Mahalo!	✓	✓	✓

MEMBER GIFT CARD SETS: **NEW!**

Featuring the work of esteemed Hawai'i artists Jan Becket (photographer) and Carl Pao (printmaker), greeting card sets are mixed & matched with artwork inspired by historic sites and features of Kaho'olawe, (inside left blank).



MEMBER LOGO TEES: **NEW!**



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 kahoolawe.hawaii.gov/donations.shtml.

CONTACT INFORMATION:

Name and/ or company

Address

E-mail

Phone

GIFT TYPE:

- ☐ PATRON (\$500 & up)
- ☐ BENEFACTOR (\$100-\$499)
*Benefactors and Patrons, mark **preferred** shirt size and color (1st come, 1st served):*
☐ M ☐ L ☐ XL ► ☐ Blue ☐ Orange
- ☐ SUSTAINER (\$50-\$99 | \$25 with student ID)
- ☐ OTHER _____

Comments

The Kaho'olawe Island Reserve Commission (KIRC) is a 170(c)1 government nonprofit, authorized per IRS Publication 557, to receive tax-deductible contributions to programs that serve a public purpose. Donors should always consult with their tax advisors before claiming any tax-deductible charitable contributions.



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KAHOOLAWE ISLAND GUIDE

Ko Hema Lamalama is edited & designed by Kelly McHugh, KIRC Public Information Specialist. Printed on recycled paper.

ABOUT THE KIRC

The Kaho'olawe Island Reserve Commission (KIRC) was established by the Hawai'i State Legislature in 1994 to manage the Kaho'olawe Island Reserve while held in trust for a future Native Hawaiian sovereign entity. The KIRC has pledged to provide for the meaningful and safe use of Kaho'olawe for the purpose of the traditional and cultural practices of the native Hawaiian people and to undertake the restoration of the island and its waters. Its mission is to implement the vision for Kaho'olawe Island in which the *kino* (body) of Kaho'olawe is restored and *mā 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, Culture, Operations and Administration.

COMMISSIONERS

County of Maui: **Michele Chouteau McLean**, Chairperson (Deputy Director of Planning, County of Maui)

Protect Kaho'olawe 'Ohana: **C. Kaliko Baker** (Instructor, Kawaihuelani Center for Hawaiian Language, UH Mānoa)

Department of Land & Natural Resources: **Suzanne Case** (Chairperson, Department of Land & Natural Resources)

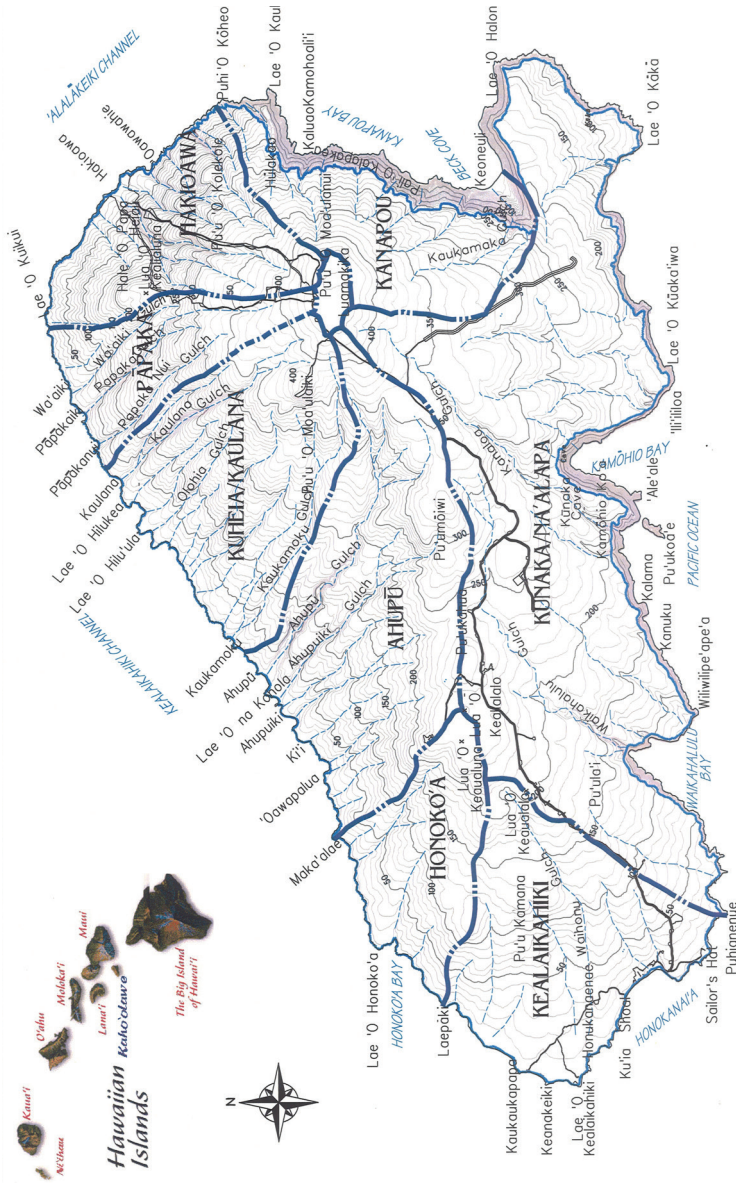
Protect Kaho'olawe 'Ohana: **Jonathan Ching** (Land and Property Manager, Office of Hawaiian Affairs)

Native Hawaiian Organization: **Hökūlani Holt** (Director, Ka Hikina O Ka La & Coordinator, Hawai'i Papa O Ke Ao, UHMC)

Protect Kaho'olawe 'Ohana: **Joshua Kaakua** (UH, College of Engineering)

Office of Hawaiian Affairs (OHA): **Carmen Hulu Lindsey** (Trustee, OHA)

Michael K. Nāho'opi'i, Executive Director



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