

CURRENT GRANT PROJECTS

Fulfilling the KIRC mission calls for tremendous physical, intellectual and financial support. While we develop new ways to control erosion, restore native plant life and manage Reserve resources, we also preserve thousands of cultural sites and provide a space to both learn and practice the Native Hawaiian culture. We wish to extend our greatest appreciation to the private and public partners listed for your invaluable guidance and financial support of the following projects.



Hakioawa Watershed Restoration

A decade-long project funded by the *Hawai'i Department of Health, Clean Water Branch*, KIRC and thousands of community volunteers have aggressively addressed a 500 acre, Tier I & II area of the Reserve's hardpan via plantings, erosion control and non-native species control. Goals include prevention of erosion, permanent loss of archaeological sites, fatal impacts to near-shore coral reef communities and pollution of our global waters. To date, more than 90,000 native plants have been established in the Hakioawa Watershed project site.



The Kaho'olawe Living Library

With funding through the *Native Hawaiian Museum Services, Institute of Museum and Library Services*, Hawai'i Tourism Authority's *Kūkulu Ola* Living Hawaiian Culture Program and the *Hawai'i Council for the Humanities Preservation and Access Grant Program*, this online database presents a community-curated collection of searchable items for educational use. Next steps include the design of an interactive application ("app") for mobile access, presenting a fully functioning map of Kaho'olawe that enables the user to virtually explore the Reserve and discover the archived collection, piece by piece, as well as an oral histories component.



Kaho'olawe Base Camp Self-Sustainability Project

Now in its 4th year of partnership with the *Office of Economic Development, County of Maui*, we have built a stand-alone, battery backup photovoltaic system to power off-grid volunteer housing and other infrastructural units. An upcoming project will power a security system, with a full rehaul of Base Camp's energy system underway through *State of Hawai'i Capital Improvement Project (CIP)* funding.



Kaho'olawe Seabird Restoration

Through a collaboration with *Island Conservation* funded by the *National Fish and Wildlife Foundation*, a long-range strategic plan is being implemented to restore the Kaho'olawe Island Reserve as a sanctuary for rare wildlife species in Hawai'i. Amongst other critical outcomes, restoring seabirds and other native wildlife will significantly advance opportunities for participation in and awareness of traditional Native Hawaiian cultural practices.



Hui Kāpehe

Currently in its 3rd year, the KIRC's Hui Kāpehe college internship program offers work-related experience, community service learning, and job shadowing opportunities related to career and technical education (CTE) - with focus on sustainability and Hawaiian culture. Part of a national training initiative in culturally-appropriate career and technical education funded through the *Native Hawaiian Career and Technical Education Program*, in partnership with *Alu Like Inc.*, college students gain hands-on experience in each of the KIRC's core programs as a prerequisite, then engage in a paid internship in the area of their choosing.

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Kaho'olawe Biosecurity

Through grant support by the *Hawai'i Invasive Species Council (HISC)*, the KIRC is currently developing a new plan for preventing new *Invasive Alien Species* from entering the Reserve while targeting existing ones for control and eradication. With protocols for shipping materials, accessing the Reserve and more, the plan will focus on 5 main areas: Prevention > Detection > Quarantine > Eradication > Education.



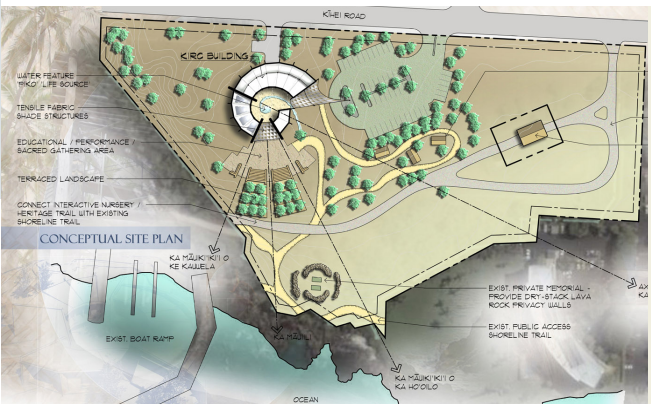
Sustaining Community Access to Kaho'olawe: 'Ōhua

The KIRC's 'Ōhua landing craft became its primary means of cargo, personnel and volunteer transport in 2007 — significantly reducing overhead costs and improving logistics efficiency. Due to age, frequency of use and the extreme weather conditions, our Operations team applies much of their time and energy towards maintaining the vessel. With recent funding through the *Office of Economic Development, County of Maui (OED)* and *State Bill #2034*, we are currently working on 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's Community Restoration Partnership*, thousands of community volunteers representing schools, nature centers, conservation organizations and more have planted 10,000 drought resistant salt tolerant natives at Honokanai'a - with plans to expand to Keanakeiki and Kealaikahiki. Additionally, landscapes have been stabilized around significant cultural sites and the Ocean team has removed 1,000+ invasive roi (*Cephalopholis argus*), to'au (*Lutjanus fulvus*) and ta'ape (*Lutjanus kasmira*), all fish that prey on native species. This work is integral to realizing the KIRC mission.



The Kaho'olawe Education & Operations Center, Kihei

Designated to the KIRC in 2002 as the future site of a primary operations, information and cultural learning center, the KIRC's 8-acre Kihei Boat House property now hosts community work days, school outreach programs, an educational walking trail, native plant nursery and traditional hale. Through grants made through the *Atherton Family Foundation, Hawai'i Tourism Authority* and *Hawai'i Community Foundation*, a living model of the methods and educational approaches applied within the Kaho'olawe Island Reserve is being developed to enable access to the broader community. A 2015 State CIP bill was passed to complete designs of the planned Center; with imminent plans to launch a capital campaign for the site.



Kaho'olawe Island Reserve Marine Debris Removal

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