



# MĀLAMA I KA HONUA

A Quarterly Journal of the SIERRA CLUB OF HAWAI'I

JULY-SEPTEMBER 2017



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SIERRA CLUB OF HAWAI'I  
MĀLAMA I KA HONUA. Cherish the Earth.

# Monumental Matters: Defend Our Marine Monuments!

On April 28, President Trump signed executive orders to review monument designations, targeting special places protected from exploitation by the Antiquities Act. From Bears Ears in Utah to Giant Sequoia in California he is looking to expand opportunities to exploit natural resources for private profit, at the harm to natural resources and indigenous cultural survival.

The Sierra Club is standing up in strong defense of all of the threatened monuments for the benefit of our environment and the people and cultures that rely on them.

In Hawai'i, this means Papahānaumokuākea and the Pacific Remote Islands need our help. These important ocean ecosystems were supposed to be protected in perpetuity and free from any commercial extraction, including commercial fishing and deep-sea mining. **Please help Hawai'i rise to this occasion to defend our planet's future and uphold our monument's protections.**

## Why do these areas matter?

Consider that Papahānaumokuākea Marine National Monument protects ecosystems that are essential for more than 7,000 species—a quarter of which are found nowhere else on Earth. Monument waters provide feeding and breeding grounds for more than 14 million birds from 22 different species, highly mobile predators such as tiger and Galapagos sharks, and protect twenty-four species of whales and dolphins sighted in the expansion area. Three of these species are listed under the Endangered Species Act as threatened or endangered: sperm whales, fin whales, and sei whales. Recent expeditions to the deep-sea ecosystems discover new species on nearly every survey, including the world's oldest organism, a 4,000-year-old deep-sea coral.

The original monument designation of the Pacific Remote Islands Marine National Monument includes 33 seamounts, yet the expansion areas include approximately 132 more. Estimates are that 15 to 44 percent of the species on a seamount or seamount group are found nowhere else on Earth. The expanded area also provides significant migratory paths and feeding grounds for five species of protected turtles including the endangered leatherback, loggerhead, and Olive Ridley turtles. As for seabirds, the expanded area provides foraging habitat for several of the world's largest remaining colonies of Sooty Terns, Lesser Frigatebirds, Red-footed Boobies, Red-tailed Tropicbirds, and other seabird species. Many of these wide-ranging species make foraging trips of 300 miles or more from their colonies on the Monument's islands, atolls, and reefs.

## HOW YOU CAN HELP:



Sign a petition at [ExpandPMNM.com](http://ExpandPMNM.com)



Write a letter to the editor in support of our monuments at [staradvertiser.com/editorial](http://staradvertiser.com/editorial)



Share this information with your friends and family



Photos by: U.S. Fish and Wildlife Service, Susan Middleton, and Andy Collins (NOAA)

**Our partners are sharing their voice to stand for the Papahānaumokuākea and the Pacific Remote Islands Marine National Monuments:**



**Kekuewa Kikilo'i**, Chair, NWHI Native Hawaiian Cultural Working Group

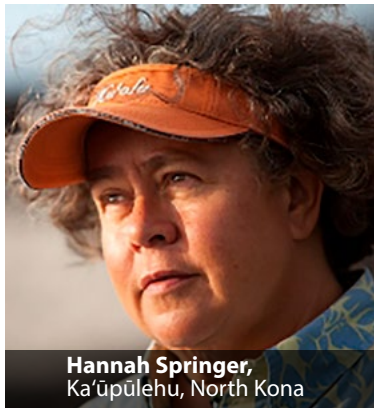
<< “A huge part of Papahānaumokuākea is underwater. When you go there, you have to shift your mindset from one that may be land dominated, to one that is sea dominated. And it changes everything about how you’re experiencing the world.”



**Ed Kenney**, chef and owner of Town Restaurant, Mud Hen Water, Ka'imukī Superette and UpTown Events

<< “I know and rely on Hawai'i seafood and consider it my kuleana to promote sustainably sourced fish and also help educate others about ocean conservation needs in Hawai'i and across the world. Establishing and defending our marine monuments is one of the single best actions we have to ensure fish for the future.”

>> “The people of old understood that rigorously managed fisheries benefited fish and fishers alike. The expansion of the Pacific Remote Islands Marine National Monument is consistent with this Hawaiian practice.”



**Hannah Springer**, Ka'upulehu, North Kona

“The Pacific Remote Islands Marine National Monument was created in 2009 based on the area’s unique biodiversity and ecological value. The monument safeguards some of the most pristine ocean habitats in the Pacific, and as a result provides a rare scientific baseline to help understand the magnitude of loss of ocean life elsewhere and to set appropriate benchmarks for management and conservation.” >>



**Robert Richmond**, PhD and director, Kewalo Marine Laboratory, University of Hawai'i at Manoa



**Rick Gaffney**, President, Hawai'i Fishing and Boating Association

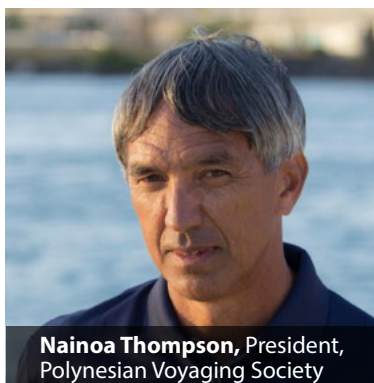
<< “In our own backyard, the expansion of the Papahānaumokuākea Marine National Monument assures that Hawai'i's small boat commercial, subsistence, recreational, sport and charter boat fishermen will continue to be able to catch the tunas, billfish, bottomfish and other species so important in our local communities.”



**Narriisa Spies**, Native Hawaiian biologist and PhD Candidate

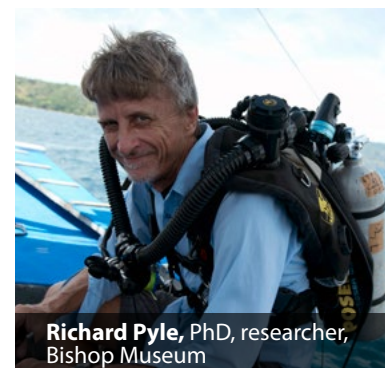
<< “The oldest animal on the planet is a golden coral that is more than 4,200 years old and found in Papahānaumokuakea. Recent deep-sea dives within the expanded area have only just begun to discover an abundance of species that are new to science. If these unique species are destroyed, they are lost to the world forever.”

“The expansion of Papahānaumokuākea is a gift to the children of the Earth.” >>



**Nainoa Thompson**, President, Polynesian Voyaging Society

“With decades of close study, we know marine protected areas are the best mechanism to provide fish for the future. This is one of the best things we can do for food security in the state.” >>



**Richard Pyle**, PhD, researcher, Bishop Museum



**Sol Kaho'ohalahala**, Member, NWHI Native Hawaiian Cultural Working Group

<< “Papahānaumokuākea is our kupuna place, the place we call home, the birth place of all things.”

# Nate's Adventures: Hawaiian Picture-Wing Fly

by Nathan Yuen

One of the fascinating insects in Hawaiian entomology is the drosophila fly. Over 800 species evolved in the Hawaiian Islands — the largest known radiation of any insect on an oceanic island.

Different species range in length from less than 1.5 millimeters (a sixteenth of an inch) to more than 20 millimeters (three-quarters of an inch) and their heads, forelegs, wings, and mouthparts have very different appearances and functions. The approximately 800 drosophila species endemic to Hawai'i belong to two genera—*Drosophila* and *Scaptomyza*. 106 of these are in the Hawaiian picture-wing group which have elaborate markings on their wings specific to each species. They are also known for elaborate courtship displays and territorial behaviors.



I was lucky to hike with entomologist Steve Montgomery in the Wai'anae Mountains who discovered many new insects endemic to Hawai'i. When we reached an outplanting of *Cyanea superba*, Steve saw several downed trees and looked for the flies on the wood. Steve told me that drosophila flies evolved into an impressive array of forms with different mouthparts that feed on different host plants and/or plant parts. I was thrilled when he found *Drosophila crucigera*! The fly was about 4 millimeters in length.

I was spell-bound as Steve showed me the crucifix like pattern on the wings which gives the fly its name — *crucigera*. If you look closely on the wings of this dead fly with fungi growing on it you can see a crucifix next to a dot. Steve explained that some species of picture-wing flies feed exclusively on certain

flowers or on a single tree but that *D. crucigera* is a generalist that feeds on the decaying tree bark of a number of different native trees.

11 species of Hawaiian picture-wing flies have been designated as endangered (*Drosophila aglaia*, *D. differens*, *D. hemipeza*, *D. heteroneura*, *D. montgomeryi*, *D. musaphilia*, *D. neoclavisetae*, *D. obatai*, *D. ochrobasis*, *D. substenoptera*, and *D. tarphytrichia*), and one has been designated as threatened (*D. mulli*). *D. montgomeryi* is named after Steve Montgomery to honor his many contributions to Hawaiian entomology.

I was thrilled to watch and photograph the fly use its extended mouthparts to suck the juices of the decaying tree bark and to learn the natural history of drosophila flies in the Hawaiian Islands. What a fascinating insect!

**Nathan Yuen** is an artist/photographer/naturalist whose body of work is a confluence of hiking, conservation, and fine art photography. Each weekend you can find him hiking, backpacking, or kayaking to out-of-the-way locations to photograph Hawai'i's native plants and animals, many of which are rare or endangered. His goal is to showcase these biological treasures to give you a reason to protect them for future generations. You can view his art and read about his adventures at [hawaiianforest.com](http://hawaiianforest.com).



# Health Regulations as Outdated as Red Hill Tanks

## Petition to the Department of Health

On May 24, the Hawai'i Chapter delivered official notice to the state Department of Health that their underground storage tank regulations violate a 1992 state statute. The 1992 law states, "Existing underground storage tanks or existing tank systems shall be replaced or upgraded not later than December 22, 1998 to prevent releases for their operating life." This has not happened.

This requirement applies to all tanks storing hazardous material underground, including the U.S. Navy's Red Hill Bulk Fuel Storage Facility that leaked 27,000 gallons of jet fuel in 2014.

Our findings were presented to Dr. Virginia Pressler, director for the Hawai'i Department of Health, in a 68-page petition for rulemaking. The filing concluded that the state constitution, as well as state statute, require the Department of Health to amend its underground storage tank rules because "existing rules fail to protect the quality of the water that residents drink."

## Red Hill Fuel Storage Tank Project Update Meeting

The U.S. Navy, Environmental Protection Agency, Defense Logistics Agency, and the Department of Health hosted an open house style meeting on June 22 to provide a status update and unveil their thinking



on improvements to the tanks. Six options are being considered. It is notable that relocating the tanks was part of this discussion but not being considered seriously. "We all agree that it was a bad idea to store 187 million gallons of jet fuel 100 feet above our water. So why are we assuming that these tanks should remain in place?" asked Marti Townsend. "To really protect our water, all of these agencies need to be considering all of the options, including retirement of these tanks before sinking more money into futile maintenance efforts."

The Sierra Club of Hawai'i acknowledges the effort put forth by the U.S. Navy for more public engagement, however, we were thoroughly disappointed in the June 22 meeting format. The purpose of hosting a community meetings should be to educate the public and to hear their questions and concerns. This meeting format did not provide the opportunity for group learning and made it difficult to engage with any agency or subject matter expert.

We are continuing to build this movement on O'ahu to protect our primary drinking water and welcome you to join us at [bit.ly/SCH-redhill](http://bit.ly/SCH-redhill).

# Höküle'a Returns Home

After her three year sail, sailing nearly 40,000 nautical miles around the world, Hōkūle'a returned home to the Hawaiian Islands. Her historic Mālama Honua Worldwide Voyage came to a close on Saturday, June 17 at O'ahu's Magic Island, greeted by tens of thousands of community members, students, educators, conservationists, voyaging groups, and visitors.

It was a day of celebration and revitalization as Hōkūle'a was accompanied in the harbor by not only Hikianalia, her sister canoe, but also Nāmahoe, Mo'okihā, Makali'i, and



Hawai'i Loa from the Hawaiian Islands and Okeanos and Fa'afaiete from the Marshall Islands and Tahiti. The canoes and crews were welcomed by oli, gifts, lei, and traditional protocol - some of which had not been done publicly in over 200 years.

Following the official homecoming, the Polynesian Voyaging Society and partners hosted a three-day fair and summit for community members to engage in sharing and develop plans for future traditional voyaging within Hawai'i and worldwide.

Hōkūle'a's voyage, however, does not end here. Over the next year, Hōkūle'a and her crew will be sailing around the state, sharing what they have learned from their global voyage, encouraging knowledge sharing, and supporting mālama efforts around our island home.

There will be many ways to continue to be involved in this historic journey - visit [hokulea.com](http://hokulea.com) for more information and upcoming opportunities.



Randy Ching blows out his candles

## "Honoring the Old-timers"

On May 1, Sierra Club O'ahu Group hosted a gathering to celebrate Randy Ching's 60th birthday with some of the Hawai'i Chapter's original members and supporters. It was a fabulous event honoring the Club's

almost 50 years in the company of members, new and old—complete with lots of catching up, reminiscing, and story-telling. Mahalo nui for everyone that came together for this grand occasion!

**If you are interested in continuing the nostalgic fun, we could use your help planning for our 50th Anniversary in 2018! Email [hawaii.chapter@sierraclub.org](mailto:hawaii.chapter@sierraclub.org) to get involved.**

# 2017 Legislative Session Priority Bill Summary

Despite the general consensus that is legislative session was not great, the Sierra Club still captured some meaningful wins. This includes adopting aspects of the Paris Climate Agreement as state law (SB559) and encouraging carbon farming (HB1578). We are also particularly pleased with the passage of HB1244 that bans cesspools, with certain exceptions, by 2050. The bill provides a \$10,000 tax rebate, which we hope to increase in the future to support homeowners in making this important transition for the health of our nearshore waters.

We fought several destructive bills down to the wire and won. In the last days of the session, HB1469 was recommitted on the floor of both houses thanks to concerted lobbying by Sierra Club volunteers and many other constituents. Language was added to this bill during the secretive conference committee process that effectively robbed Hawai'i of public lands by allowing leases to be extended indefinitely.

We still have high hopes for several bills that ended this session in a good position to pass next year. Many of the bills on this list had broad public support but were stalled by concerns from industry lobbyists, including the 100% clean transportation goals, EPS foam ban, and reef-harming sunscreen ban. Improvements to our voting system, including all mail-in ballots and automatic voter registration, are crucial to our democracy and had no real opposition. These bills have strong champions in the Legislature and, with more direct involvement of constituents, have a real chance of passing next session.

## Good Bills Signed Into Law

Following Trump's withdrawal from the Paris Climate Agreement, Governor Ige took a huge stride forward for Hawai'i's environment - adopting certain commitments from the agreement as state goals - making Hawai'i the first state to join the Paris Climate Agreement. The bills signed include:



**Staff & Funds for Hawai'i's Climate Commission (SB559)**  
Provides staff and funding for ongoing, statewide cross-agency collaboration on climate change adaptation and mitigation planning



Sierra Club Supporters and Staff at Bill Signing on June 6, 2017

Photo by Governor David Y. Ige

**Climate-Friendly Farming Task Force (HB1578)**  
Seeks to find the right mechanisms for encouraging agricultural practices that sequester carbon from the atmosphere



## Good Bills Passed

The following bills have been passed through the legislature and are now awaiting Governor Ige's signature:



**Slow Aquarium Fish Collecting (SB1240)**  
Phases out commercial aquarium collection trade and trafficking of reef wildlife from Hawaiian waters

**Ban on Cesspools (HB1244)**  
Phases out cesspools by 2050, expands tax credit to homeowners



**In coalition good news, Tax Fairness Bill (HB209)**  
Reduces the fiscal burden on poor and middle class families by creating an earned income tax credit, and making permanent credits for rent and food

## Bad Bills Defeated

This session we successfully helped defeat two bills that would have undermined public trust natural resources. These bills start next session right where they left off, so we will keep a close eye on these in 2018:



### Public Land Giveaway Bill (HB1469)

This bill, amended at the last minute, aimed to remove the 65-year limit on leases of public lands and allow special re-development districts to “supercede” existing land use laws

### Water Monopoly Bill (HB1536)

This bill would have exempted distributors of irrigation water from government oversight, removing protections against poor service and unfair rates



## Good Bills Deferred

This session there were several innovative clean energy and environmental protection bills that did not pass, but made outstanding progress and have potential for passage next session:



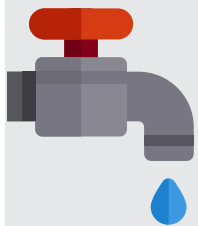
### 100% Clean Transportation by 2045 (HB1580)

Establishes goals for fossil-fuel-free ground transportation in Hawai'i



### Ban on Harmful Sunscreens (SB1150)

This bill restricts the use of sunscreens containing oxybenzone, a common ingredient in sunscreen that is harmful to coral reefs, while on the beach or in the waters of Hawai'i



### Red Hill Bill (SB1259)

Requires Department of Health to adopt rules for underground storage tanks and tank systems to conform with certain federal regulations

### Styrofoam Ban (SB1109)

Bans use of styrofoam food containers by food vendors



### Pesticide Disclosure (HB790 & SB804)

Requires public notification of use of pesticides and insecticides



**Vote by Mail (HB1401) & Automatic Voter Registration (SB206)** Enacts vote by mail in all counties and automatically registers, those eligible, to vote when renewing or applying for state identification cards

## HOW YOU CAN HELP:

- Contact Governor Ige today at (808) 586-0034 or [governor.hawaii.gov/contact-us/contact-the-governor/](http://governor.hawaii.gov/contact-us/contact-the-governor/) and ask him to sign bills HB1240, HB1244, and HB209 into law
- Join our CapitolWatch program to help us gear up for next session and stay up to date with the happenings at the Hawai'i State Capitol. Join us at [sierraclubhawaii.org/capitol-watch](http://sierraclubhawaii.org/capitol-watch)

# O'ahu Group Report



## Office of Climate Change, Sustainability, and Resiliency

The top priority of the O'ahu Group in the last three months has been to secure full funding for the new Office of Climate Change, Sustainability & Resiliency (OCCSR) to ensure it is staffed-up as soon as possible. Our coordinator, Jodi, and members of our Executive Committee have met several times with city council members, their staff, and members of the city administration regarding the office structure, priority staff positions, and which positions to pursue in the 2018/2019 budget.

At the first hearing on the 2017/2018 budget, all funding for the OCCSR was zeroed-out. O'ahu Group sprang into action, helping to persuade the Budget Committee to restore full funding for the office—and on June 7th the full council approved the budget. We immediately followed-up by sending a contingent of seven O'ahu Group officers and staff to participate in the city's daylong workshop to start planning the work of the OCCSR.

We also welcome the appointment of Josh Stanbro as the new Chief Resiliency Officer, the lead of the office. Josh is well known to many Sierra Club members, we are confident he will do a great job and look forward to working with him.

The O'ahu Group's involvement on this issue—from helping draft the Charter amendment to create the office and campaigning for its approval, to helping design the structure of the office and insuring that it is fully financed—has been an extraordinary victory for the Club and for the environment.

I would like to take this opportunity to thank three people who were deeply involved in the process: Justin Gruenstein, Maxine Burkett, and Chip Fletcher. Justin Gruenstein is the Executive Assistant to Mayor Caldwell. He not only wrote the application that convinced the Rockefeller Foundation to adopt Honolulu as one of 100 "Resilient Cities" worldwide but also shepherded the process of selecting the Chief Resiliency Officer and guide the budget through the council. Maxine Burkett is a dynamic law professor at the University of Hawai'i and an expert on climate change. She was the instigator and driving force behind the Charter amendment that created the OCCSR. Lastly, Chip Fletcher, also a University of Hawai'i professor widely acknowledged as the top expert on sea level rise in Hawai'i. He has been a consistent adviser and advocate, helping the O'ahu Group and pushing the city to start the process of building resiliency. We are truly lucky to have such amazing allies. And without our Coordinator we would have been hard-pressed to pursue such a significant campaign and maintain momentum on other fronts.

## Clean Transportation

We have followed-up on the commitment made to us by the Mayor to convert all the county's buses from diesel to

electric. We met with the new director and deputy director of the county's Department of Transportation Services and they assured us that they hope to have a demonstration electric bus operating by this fall. We also discussed the full range of transportation issues, including switching the HandiVan fleet to clean fuel, introducing new measures to make the rail project more sustainable, expanding the protected bike path network, and complete streets. We hope to see significant advances in these areas over the next three and a half years.

## Plastic Bag Loophole

We have continued to be actively involved in efforts to close the plastic bag bill loophole. To date, we have been able to help forge agreement for a checkout fee on disposable paper and plastic bags. We have also been able to prevent efforts by the retail and plastics industries to push a bill through that would allow the continued use of thick disposable plastic bags but the issue has not yet been resolved and we welcome your support.

## Public Comments Submitted

We have submitted comments on a number of issues currently under review including the O'ahu General Plan, the proposal to dismantle the Ha'ikū Stairs, and a proposal to armor a section of the Punalu'u Shoreline. This last issue is one that we will be encountering with increasing frequency as sea levels continue to rise, more and more oceanfront property owners will want to build seawalls. We will be obliged to resist those efforts for the greater good of allowing the sea to advance naturally so the general public will be able to have continued access to the beach. We are also keeping a close eye on the Ko'olau Loa Sustainable Community Development Plan—we will not allow a new suburban project to creep back into the plan.

## Other Happenings

Our new treasurer, Sai Weiss, is working on a short video which shows the O'ahu Group in action that we will be posting to our website in a month or so. Our Secretary, Hunter Heavilin, has been working on new rules to try to control the spread of so-called "Gentlemen Farms" which should be ready for discussion later this year. We are also very happy to welcome back Gary Gill as our advocate at Honolulu Hale. Gary took a break for several months to recover from surgery, but he's already back in action.

Finally, if you like what you hear about our work, please consider becoming a monthly donor. Every penny from monthly donations stays here in Hawai'i to help O'ahu Group fund all of this hard work that we do.

A hui hou  
Anthony Aalto





SEE PAGE 11 FOR GENERAL OUTINGS INFORMATION

View the latest hike listings and online registration options at [bit.ly/SCH-outdoors](http://bit.ly/SCH-outdoors).

Unless otherwise stated in the outing description, participants meet at 8 am at the back porch of the Church of the Crossroads, 2510 Bingham Street, Honolulu. Do not leave your car in the church parking lot.

Classification of outings: (E) Educational/ Interpretation, (C) Conservation, (F) Family/Fun, (S) Service

**Service Project: Saturday, July 1 - Monday, July 3  
Haleakalā National Park, Maui (S)**

Our accommodation for the weekend is at Kapalaoa Cabin situated in the center of Haleakalā Crater. The work will be eradicating California telegraph plant and plantago. This service trip is for hikers in good physical condition and for those who don't mind "roughing it". We have a 7-mile hike in via the Sliding Sands Trail the first day and will exit via the Halemau'u trail. Participants will have to deal with the elevation. The cabin was built in the 1930's by CCC workers and is rustic. There are no washroom or shower facilities, but there is an outhouse. We do have a 2-burner gas stovetop and a wood burning stove to cook and keep warm. The reward is spending the weekend in a beautiful National Park. Leader: Clyde Kobashigawa, [clydekobashigawa@hawaii.rr.com](mailto:clydekobashigawa@hawaii.rr.com)

**Sunday, July 2**

*Mid-morning hike: Waimano Tunnels*

Pearl City, moderate/5 miles, contour  
Explore a bit of O'ahu's agricultural history and enjoy a valley that feels more remote than it is. This mostly graded trail has a few tricky spots that involve some scrambling. Bring a flashlight for the tunnels. Meet at 9 am. Register by June 30. Leader: Charlotte Manly, 393-2017, [cmanly@hawaii.rr.com](mailto:cmanly@hawaii.rr.com)

**Saturday, July 8**

*Kamana'iki*

Kalihi, strenuous/5 miles, 1400ft elevation gain, ridge  
Near the city, this hike starts out on a long flight of stone steps up to an old water tank, then climbs up a ridge on the above the Kamana'iki stream. There is 1,400ft elevation gain through eucalyptus, ironwoods, guava, and a variety of native plants on the way to our lunch spot, with views of Kalihi Valley and the city below. Moderately strenuous going up, but low risk. Reservations required. Leader: Colleen Soares, [csoares48@gmail.com](mailto:csoares48@gmail.com)

**Saturday, July 8**

*Ala Wai Boat Harbor Cleanup (S)*

Meet at 8 am at the Harbor Master's office, between the 3rd and 4th row of boats behind the Ilikai Hotel. Park in street stalls or public lot 'ewa of Hilton Lagoon. We will use nets and scoops to clear the harbor of marine debris. Wear sturdy shoes with gripping soles (no slippers or sandals allowed) and bring hat, sunscreen and water. All participants under 18 must have a waiver signed by their legal guardian. Please contact the leader for the waiver. Leader: Deborah Blair, 955-4168

**Sunday, July 9**

*Photography hike: Lili'uokalani Garden (E/F)*

Reservations required at least one week prior. Contact Stan for reservations. The pace of photography hikes is extremely slow. Named after Hawai'i's last reigning monarch, Lili'uokalani Botanical Gardens is centrally located in lower Nu'uuanu Valley. Nu'uuanu Stream and Waikahalulu Falls are favorite subjects among professional photographers and photo enthusiasts alike. The garden plantings consist of many interesting native Hawaiian plants in a natural setting. Leaders: Stan Oka, 429-9814; John Shimogawa, 227-9925; Clyde Kobashigawa, [clydekobashigawa@hawaii.rr.com](mailto:clydekobashigawa@hawaii.rr.com)

**Saturday, July 15**

*Kealia Trail and Access Road*

Kealia, moderate/6 miles, 1700ft elevation gain  
The first mile is up switchbacks, remainder on dirt firebreak road 1700ft elevation gain, 4-5 hours long. Great views of North shore and Mākua Valley. Meet at trailhead parking lot at Dillingham Air Field. Leader: Dan Anderson, 489-1695, [danderhi@gmail.com](mailto:danderhi@gmail.com)

**Sunday, July 16**

*Photography hike: Pālehua-Palikea (E/F)*

Reservations required at least one week prior. Contact Clyde for reservations. The pace of photography hikes is extremely slow. Native plants, native happy face spiders, scenic panoramas, and native tree snails are the attractions in this preserve. Not for those uneasy about heights. Leaders: Clyde Kobashigawa, [clydekobashigawa@hawaii.rr.com](mailto:clydekobashigawa@hawaii.rr.com); John Shimogawa, 227-9925; Stan Oka, 429-9814; Curtis Kawamoto

**Saturday, July 22**

*Photography hike: Lyon Arboretum (E/F)*

Reservations required at least one week prior. Contact Curtis for reservations. The pace of photography hikes is extremely slow. Meet at the Church of the Crossroads at 9 am. \$5 suggested donation to Lyon Arboretum. Learn about native and tropical plants. Bring raingear

# O'ahu Group Outings

and insect repellent. Leaders: Curtis Kawamoto, curtis96815@gmail.com; John Shimogawa, 227-9925; Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com

## **Sunday, July 23**

*Makapu'u Lighthouse Hike (F)*

Makapu'u, easy/1.5 miles

Bring your family for a walk on the old Coast Guard road up to the lookout and enjoy spectacular views.

Leader: Sherine Boomla, boomla@hawaii.edu

## **Saturday, July 29**

*Urban hike: UH Mānoa (E)*

Mānoa, easy/3 miles

Reservations required. Contact Susan for reservations. Meet at Church of the Crossroads then walk to University of Hawai'i at Mānoa. We will locate dozens of native and non-native plants during our brisk 3-mile walk throughout the campus. Leaders: Susan Tom, 753-0351; Clyde Kobashigawa

## **Saturday, July 29**

*Likeke Trail (F)*

Kāne'ohe, moderate/7 miles, valley

Meet at Ho'omaluhia Botanical Gardens in Kāne'ohe at 9 am after the gate opens. Park at Pa Launa parking area; it is the very next lot on the left after the big visitor center parking lot. We will start from the park and ascend 400 feet toward the Ko'olau. Trek through varying forest conditions with native and introduced plants and views of Kāne'ohe Bay. Lunch is at the waterfall near the Ko'olau golf course. Car shuttles required. Reservations by July 22. Leader: Colleen Soares, csoares48@gmail.com, 748-9215

## **Sunday, August 6**

*Photography hike: Kawai Nui Dike Road and Nā Pōhaku O Hauwahine (E/F)*

Kailua, easy/2 miles

Reservations required at least one week prior. Contact John for reservations. The pace of photography hikes is extremely slow. A flat, easy walk with panoramas of Kawai Nui Marsh and Ko'olau vistas. Leaders: John Shimogawa, 227-9925; Stan Oka, 429-9814; Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com

## **Sunday, August 13**

*Mid-morning hike: Kuli'ou'ou Ridge (partial)*

Kuli'ou'ou, moderate/3 miles, 900ft elevation gain

Suitable for advanced beginners. Mostly shaded, this is a good hike for a hot month. We'll take the switchbacks up to the picnic tables, for lunch, then return home. Meet at 10 am. Reservations by August 11. Leader: Charlotte Manly

(808) 393-2017 cmanly@hawaii.rr.com

**Service Project: Thursday, August 17 - Sunday, August 20**  
*Kahaule'a Natural Area Reserve System (NARS) Service Project, Hawai'i Island (S)*

We will be working with NARS clearing mainly kahili ginger. We will access the area via Volcanoes National Park where it is an easy 1/2 mile hike from Thurston Lava tube to the work site. This a relatively new NARS site that is dominated with the alien kahili ginger and a great way to see how it evolves into a truly native Hawaiian Natural Area Reserve. There are native birds above in the native 'ōhi'a forest trees. Our accommodation will be at a house in Hilo at the NARS base yard. This trip requires a Thursday evening departure. Leader: Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com

**Service Project: Saturday, August 19 - Monday, August 21**  
*Haleakalā National Park, Maui (S)*

Our accommodation for the weekend is Kapalaoa Cabin situated in the center of Haleakalā Crater. The work will be eradicating California telegraph plant and plantago. This trip is for hikers in good physical condition and for those who don't mind "roughing it." We have a 7-mile hike in via the Sliding Sands Trail and we will exit via the Halemau'u trail. Participants will also have to deal with the elevation. The cabin was build in the 1930's by CCC workers and is very rustic. There is no washroom or shower facilities. There is an outhouse and people will have to live with "horse baths". We do have a 2-burner gas stovetop and a wood burning stove to keep warm. The reward for this service projects, if you're up to the challenge, is spending the weekend in a very beautiful and fascinating national park. Leader: Dan Anderson, danderhi@gmail.com, 489-1695

## **Sunday, August 20**

*Snorkeling (E)*

All participants must be able to swim. Get to know your fish, coral, and limu neighbors. Bring your swim things, 2 liters of water, reef walkers, sun screen, snack, towel, and change of clothes. Contact Sherine for more details. Leader: Sherine Boomla, boomla@hawaii.edu

## **Saturday, August 26**

*Pālehua 'Elepaio Enclosure "Akupu" Service Project (S)*  
Reservations required at least one week prior. Contact Clyde for reservations. Space is limited as we will be working in a sensitive area where the endangered native 'elepaio is nesting and there are some native plants already growing which we do not want to disturb or



damage. We will probably hear and see some native 'elepaio as we work in the area, so bring a camera as well. Pack a lunch and/or snack and definitely mosquito repellent. Bring gloves and hand tools for weeding alien plants in the enclosure. Leaders: Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; John Shimogawa, 227-9925; Stan Oka, 429-9814; Susan Tom; Curtis Kawamoto

## Sunday, August 27

### *Sandy Beach Cleanup (S)*

We will clean up along highway and coastal areas until 10 am. Bags and gloves provided. All participants under 18 must have a waiver signed by their legal guardian. No one under 18 will be allowed to clean on the highway and will spend their time cleaning the beach and park area. Closed-toe shoes only. No slippers or sandals of any sort. Meet at 8 am at the Sandy Beach bathroom at eastern side of the beach park (the bathroom closer to Makapu'u.) Call Tred 394-2898 for information. Leader: Deborah Blair, 955-4168

## Saturday, September 2

### *Mid-morning hike: Old Pali Road and Likeke Falls*

Nu'uano, easy/4 miles, 600 ft elevation gain/loss  
Views plus a waterfall. We'll hike up Old Pali Road until we get some views, enjoy lunch or a snack, then come back down and take a nearby trail to Likeke Falls to cool our feet. Meet at 10 am. Limited to 8 participants. Registration by August 31. Leader: Charlotte Manly,

(808) 393-2017, cmanly@hawaii.rr.com

## Saturday, September 16

### *Kapālama Loop (F)*

'Ālewa Heights, strenuous/6 miles, ridge

Reservations required at least one week prior. Contact Clyde for reservations. This up and down ridge trail leads to great views. Along the trail there are a number of native plants and opportunities to spot native birds. Leaders: Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; John Shimogawa, 227-9925; Susan Tom

## Sunday, September 17

### *Makiki-Tantalus Loop*

Makiki, moderate/8 miles, 1500 ft elevation gain/loss  
Our loop hike through a lovely forest will take us through the Makiki Forest Reserve complex of trails to the Nu'uano Lookout. Leader: Gwen Sinclair, 753-0528, gsinclai@gmail.com

## Sunday, September 24

### *Photography hike: Leeward Community College Native Plant Garden (E/F)*

Reservations required at least one week prior. Contact Stan for reservations. The pace of photography hikes is extremely slow. Started in the early 1990's, Leeward Community College's native plant gardens contain plants representing dryland, coastal, mesic forest and Polynesian gardens. Leaders: Stan Oka, 429-9814; John Shimogawa, 227-9925; Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; Curtis Kawamoto

## SIERRA CLUB OUTINGS POLICY

For all the Sierra Club Outings: The Sierra Club outings are conducted according to Club policy and under the direction of certified Outings Leaders. Our outings are group activities, and all participants are expected to follow leaders' instructions and to remain with the group for the entire outing. We welcome all the Sierra Club members, non-members, and visitors on most of our outings; however, certain outings may be restricted to members. Firearms, pets (unless specifically allowed), and audio devices with or without headsets are prohibited. Smoking is permitted only at breaks and then only if the smell of smoke cannot be detected by other hikers. Outing Leaders may prohibit smoking if, in their judgment, a fire hazard exists.

Bring with you: a liter of water (2 liters for strenuous hikes), lunch, sunscreen, insect repellent, raingear/jacket, and daypack. Boots, shoes with traction grooves (no loafers) or tabis are required. Unless otherwise noted, no bare feet or sandals of any type will be allowed.

You will also need to sign a liability waiver. If you would like to read a copy of the waiver prior to the outing please see [content.sierraclub.org/outings/local-outdoors/resources](http://content.sierraclub.org/outings/local-outdoors/resources) or call 415-977-5630.

In the interest of facilitating the logistics of some outings, sometimes participants make carpooling arrangements. The Sierra Club does not have insurance for carpooling arrangements and assumes no liability for them. Carpooling, ride sharing, or anything similar is strictly a private arrangement among participants. Participants assume the risks associated with this travel.

For specific islands, each group may have its own outing policy. Please look at each group's page or website for more specific information on where to meet or what to bring with you.

# Kaua'i Group Report & Outings



## Shoreline Settlement Negotiations Underway with Developer of Coconut Beach Resort

Construction of Coconut Beach Resort, a 335-unit timeshare on 20 acres of undeveloped Waipouli coastline owned by SPD II Makaiwa Resort Development LLC, has been delayed due to the Kaua'i Group's September 2016 appeal of the developer's shoreline application.

Sea level rise and other coastal hazards remain a threat to coastal development. Therefore, accurate shoreline delineations (which are certified by the State Department of Land and Natural Resources) are vital to protecting coastal resources, as well as the built environment.

Our shoreline appeal is based on photo evidence of ocean debris fields reaching as far as 60-feet inland from the developer's shoreline survey. This coastline is fronted by mature ironwood trees, a shaded footpath, and an offshore reef used for subsistence food gathering.

If successful, our legal appeal will preserve as much of the shore as reasonably possible for public use. Please help protect this beautiful coastline with your tax deductible donations.

**Our goal is to raise \$15,000 for legal fees.**

Please make checks payable to: "The Sierra Club Foundation" and write "Kaua'i Group Foundation Account" in the memo line. Mail checks to Sierra Club Kaua'i Group, P.O. Box 3412, Līhu'e, HI 96766 and accept our deepest appreciation for any kōkua you can give!



**Waipouli Beach Lot 6: the entire area extending 100 feet inland from the shoreline is identified as an historic property based on extensive cultural deposits dating back to the 15th C.**



**Waipouli Beach footpath heading north through the Ironwood trees**



**Waipouli Beach looking south.**

*Photos by: Rayne Regush*

## UPCOMING OUTINGS:

**SEE PAGE 11 FOR GENERAL OUTINGS INFORMATION**

Join us on one of these great outings to discover the natural treasures of our island. Mileage is total miles. Outings focus on: (C) Conservation/Interpretative, (E) Educational, (F) Family/Fun, and/or (S) service. Check [bit.ly/SCH-kauai](http://bit.ly/SCH-kauai) for updates to the schedule. Requested donation for members and participants under 18 is \$1. For all others: \$5. Note: Women are advised not to hike remote trails or camp alone on Kaua'i.

### Have you ever thought about being an Outings Leader?

If so, please contact [judydalton123@gmail.com](mailto:judydalton123@gmail.com) or call 482-1129 to find out how such fun you could be having while giving people the opportunity to explore the island, enjoy its beauty, and inspire them to protect it.

# Kaua'i Group Outings

## **Saturday, July 8**

*Waimea River Walk and Float (C/F)*

Difficult/10 miles

We start at the Kukui Trailhead and hike down into the Waimea Canyon and along the Waimea River jeep road. Bring floats to inflate and float down the irrigation canal for over a mile passing through a tunnel. End at outskirts of Waimea town. Car shuttle back to Kukui Trailhead. Leader: Ken Fasig, 346-1229

## **Saturday, July 15**

*Kuilau Trail (C/F)*

East side, easy to moderate

Meet at 9am at arboretum parking lot at the top of Kuamo'o Road. Bring lunch, snacks, water, and hat. Hike to bridge and picnic tables to have our lunch. Great views! Leader: Vivian Hager, 652-3234

## **Sunday, July 16**

*Māhā'ulepu and Makauwahi Cave*

South Shore, moderate/3 miles (C/E/F)

Enjoy the majestic coastline. Visit the world class archaeological site. Leader: Allan Rachap, 212-3108

## **Saturday, July 22**

*Moloa'a Beach Clean Up (S)*

Northeast Shore, easy

Help protect marine life, seabirds, reef, and ocean from litter and fishing net entanglement. Sierra Club and Surfrider team up for this effort. Look for organizations' signs. Bring hat and water. Gloves, bags, and snacks provided. 9am to 12. Leader: Vivian Hager, 652-3234

## **Saturday, July 29**

*Honopū Ridge (C/E)*

Koke'e State Park, strenuous/3 miles

Hike through beautiful native forest on unmarked Honopu trail, to a spectacular lookout into the valley and a view down the famed Na Pali coast. Leader: Ken Fasig, 346-1229

## **Sunday, August 6**

*Sunset to Full Moon Coastal Walk (C/E/F)*

East Shore, moderate

Walk along the spectacular coastline from Kuna Bay (popularly known as Donkey Beach) ending in Kapa'a for 4.5 miles one way with car shuttle back. Leader: Judy Dalton, 482-1129

## **Sunday, August 13**

*Māhā'ulepu and Makauwahi Cave (C/E/F)*

South Shore, moderate/3 miles

Enjoy the majestic coastline. Visit the world class archaeological site. Leader: Allan Rachap, 212-3108

## **Saturday, August 19**

*Nonou (Sleeping Giant) (F)*

East side, moderately strenuous/3 miles

Incredible sweeping views and lush vegetation. Leader: Vivian Hager, 652-3234

## **Saturday, August 26**

*Māhā'ulepu Beach Cleanup (S)*

South Shore, easy

Sierra Club, Mālama Māhā'ulepu and Surfrider team up to keep this magnificent beach free of ocean debris and litter. Follow Po'ipū Road past the Grand Hyatt where it becomes a dirt road. Drive to T-intersection and turn right. Continue to parking area and look for banners. Please bring hat and water. Bags, gloves, and snacks provided. 9am to noon. Leader: Judy Dalton, 482-1129

## **Friday, September 1**

*National Tropical Botanical Gardens Sunset to Moonlight Walk (C/E/F)*

South side, moderate/2 miles

Hike and learn about plants in lovely gardens. Sierra Club members only. Leader: Bob Nishek, 346-0476

## **Sunday, September 3**

*Sunset to Full Moon Beach Walk (C/E/F)*

East Shore, easy/3 miles

Meet at Lydgate Beach Park for a picnic dinner. Learn about Sierra Club's role in stopping construction of a seawall along this pristine coastline. Enjoy the full moon glistening on the ocean. Leader: Judy Dalton, 482-1129

## **Saturday, September 16**

*Kuilau Trail (C/F)*

East side, easy to moderate

Meet at 9am at Arboretum parking lot at the top of Kuamo'o Road. Hike to bridge and picnic tables to have our lunch. Great views! Leader; Vivian Hager, 652-3234

## **Saturday, September 23**

*Hanama'ulu Beach Clean Up (S)*

East shore

Help protect marine life, reef, and ocean from litter and fishing net entanglement. Sierra Club and Surfrider team up for this effort. Turn makai in Hanama'ulu on road by the 7-11 store. Look for sign further down the hill on the right going to Hanama'ulu Beach. Look for banners at beach. 9am to noon. Bring water. Bags, gloves, and refreshments provided. Leader: Judy Dalton, 482-1129

# Maui Group Report



## Central Maui HC&S Lands

Alexander and Baldwin has announced grazing leases and other agriculture projects for around 15% of their 32,000 acres. The company also sold off 335 acres directly across from Baldwin Beach Park, which includes portions of land long planned for future mauka expansion of the erosion prone park. Maui Group and allies are monitoring for plans for these lands.

## Kanahā Park Conservation Lands

Maui Group's ally, Maui Green and Beautiful, urged the Maui Council Budget Committee to support a more natural Master Plan for the park and to avoid new parking lots in native plant areas. Maui Group supports the same stance. Maui County's new budget has removed funding for the most intrusive projects previously proposed.

## Wailea 670 / Palau'ea

Maui Group and Maui Meadows neighborhood representatives recently viewed buffer zone boundary markers between the two neighborhoods. Boundary markings for Wailea 670 Preserve area are expected later this year. Maui Group is sponsoring trail work to keep viable access for the hundreds of Maui Group hike participants who have been enjoying managed access.

## Energy Issues

Maui Group reps continue to advocate for additional storage to support a transition to 100% renewable energy. Maui Group also advocated for increased efforts to reduce losses of endangered native bats and nēnē in Maui wind turbines.

## Kihei Mega Mall (Pi'ilani Promenade)

An 88-acre light industrial park along Kihei's overcrowded Pi'ilani Highway morphed into a gigantic 530,000 square foot business-commercial area; 60,000 square feet of light industrial and 226 rental units. Maui Group and allies want better project design to address substantial impacts to cultural features, drainage, traffic, and community plan compliance. The State Land Use Commission decides if the project's Final Environmental Impact Statement is complete in the next few months. Send public comments on Land Use Commission Docket A-94-706 Final Environmental Impact Statement to [dbedt.luc.web@hawaii.gov](mailto:dbedt.luc.web@hawaii.gov)

## Sand Mining

Maui Group is developing a policy statement regarding the mining of Maui's unique lithified sand dunes and the shipping of thousands of tons of sand a day to O'ahu construction projects. Maui County Council has an

upcoming hearing on a temporary moratorium bill on Maui sand mining. Cultural practitioners are concerned by the disturbance of hundreds of traditional burials by sand mining and construction in the dune fields which were once an ancient battleground.

## East Maui Stream Restoration

February 2017: Water Commission contested case considering restoration of more East Maui streams. April 2017: County of Maui requests the evidentiary part of the hearing be reopened.

June 19: Final date for all parties, to finalize their proposed Findings of Fact and rebuttal arguments after the commission turned down the County's request. The case hearing officer is expected to issue his proposed Findings of Fact and Decision of Law later this year. At stake is how much water will be needed by future agricultural activities on former HC&S lands and how much water needs to remain flowing in the stream to ensure healthy streamlife, watersheds, cultural practices and communities.

## Olowalu-Launiupoko Development

Several "fast track" affordable housing projects are being proposed for these rural West Maui valleys despite their limited sewage, water, and road infrastructure. By segmenting the projects, no real analysis or mitigation is offered for the total impact of adding hundreds of units to a wildfire prone area with limited infrastructure options.

## Hāmākualoa Coastal Open Space

The streams have been flowing in the Hāmākua coastal preserve this spring. Maui County's 2017-18 budget has funding for a Master Plan for the area. Join in for fourth Saturday of the month "Mālama Days" and explore this beautiful land.

## Mākena Landing Development

Maui Group and allies, Maui Tomorrow and Ho'oponopono O Mākena, filed a challenge in circuit court to the Mākena Resort Final Environmental Assessment after it was accepted in a 5 to 3 planning commission vote. The allies also requested intervention in the project's special management application process, the last permit the project will require. The proposed 158-unit ultra luxury development will impact historic and cultural sites, coastal views, public access, local aquifers, and traffic. Maui Group and allies asked the court for a full Environmental Impact Statement to address substantial impacts. Please stand for the land of Mākena and donate to legal expenses on the Maui Group website.

# Maui Group Outings

## SEE PAGE 11 FOR GENERAL OUTINGS INFORMATION

Please register for all hikes with the leader listed in the description. Bring lunch, water, rain gear, sunscreen, and appropriate footwear. Hiking boots are recommended for longer hikes. A donation of \$5 (\$3 for Sierra Club members) is requested of hikers over age 14.

Hike description key: (C) conservation focus, such as discussing how to conserve this land for future generations to enjoy; (E) educational, such as visiting and learning about archeological sites and naming the plants and flowers; (S) service outing (no donation required), (D) round trip hike distance.

We always welcome more hike leaders. Contact Rob Weltman at [robw@worldspot.com](mailto:robw@worldspot.com) if you are interested in becoming a hike leader.

East Maui Irrigation Company (EMI) allows access to their trails as long as each hiker has a waiver. An EMI waiver is absolutely required for EMI hikes. One waiver covers all EMI hikes for this quarter. Call in your waiver request at 579-9515 well in advance to make an appointment to sign it. Then go to EMI's Pā'ia office at 497 Baldwin Avenue to sign the waiver. Waivers cannot be mailed, faxed, or emailed. Please be considerate of EMI staff time and pick up the waiver 5 days in advance whenever possible. The waiver must be brought on the hike and shown to the hike leader.

Check [bit.ly/SCH-Maui-Outdoors](http://bit.ly/SCH-Maui-Outdoors) for updates to the schedule.

### Saturday, July 1

*Makawao Forest Reserve (C/E)*

7 miles

Left side of road, 3 mile climb up trails and jeep road, moderately strenuous and muddy). Meet 8:30 am at parking lot across St. Joseph's Church (Makawao Ave.) Limit 18. Leader: Robin West, [rwest808@yahoo.com](mailto:rwest808@yahoo.com) or 277-7267

### Sunday, July 9

*Hanawi (Nahiku area) Stream Hike (C/E)*

Strenuous/4 miles

Pools, waterfalls, and native stream life. Numerous stream crossings. Good water footwear a must. Meet 8:30 am at Ha'ikū Community Center. EMI waiver required (see above). Limit 15. Leader: Rob Weltman, [robw@worldspot.com](mailto:robw@worldspot.com) or 354-0490

### Sunday, July 16

*Palau'ea/Wailea 670 Kalama-Kanaio Road Trail (C/E)*  
2 miles

Hike historic Kalama-Kanaio Trail to its south limits. Magnificent mauka-makai views, native plants and hidden archaeological sites. Rugged, rocky terrain. Closed shoes/boots, long pants, and good balance a must. Bring water, hiking stick, cameras. Meet 3 pm at top of Kaukahi Rd in Wailea. Limit 15. Leader: Lucienne de Naie, [laluz@maui.net](mailto:laluz@maui.net) or 214-0147.

### Friday and Saturday, July 21 & 22

*Photograph the King Tides and help us learn more about their impacts on Maui.*

To participate, contact Adriane, [adriane.raff-corwin@sierraclub.org](mailto:adriane.raff-corwin@sierraclub.org) or 419-5143

### Saturday, July 22

*Sierra Club Sprouts Outing (C/E/S)*

Ages 7-13, teenage siblings welcome as volunteers to help with event. \$5 per child, light snacks provided. Topic: oceans. Kids will learn about rising sea levels and the impacts of plastic in our oceans through fun and educational activities. 10 am-12 pm. Location TBA. Leader: Adriane Raff Corwin, [adriane.raff-corwin@sierraclub.org](mailto:adriane.raff-corwin@sierraclub.org) or 419-5143

### Sunday, July 23

*Maka'iwa Bay and Shoreline (East Maui) (C/E)*

4 miles

Sometimes strenuous hike through a muddy forest and then down a ridge line to the coast. There are ropes at the end of the hike if you would like to explore the coastline. The return hike is all uphill. Bring water, snacks, sunscreen, hat, swimwear. Limit 10. Meet at Ha'ikū Community Center 8 am to carpool. Leader: Miranda Camp, [mauimiranda@hotmail.com](mailto:mauimiranda@hotmail.com) or 868-6848

### Saturday, July 29

*Hāmākua Mālama Day (C/E/S)*

Ha'ikū, 4 miles

Monthly community service outing to remove trash and keep coastal trails open on 267 acres of Hāmākua lands purchased by Maui County. Bring gloves, hand tools, water, hat, lunch, sturdy shoes. Meet 9 am at Ha'ikū Community Center. Limit 15. Leader: Lucienne de Naie, [laluz@maui.net](mailto:laluz@maui.net) or 214-0147

### Sunday, August 6

*Lower Waikamoi Stream Hike (C/E)*

3 miles

# Maui Group Outings

Short but rugged stream hike from Waikamoi Ridge trail on Hana Hwy upstream to pool/waterfall. Native plants, scenery. Bring lunch, water, hat and water hiking footwear. Meet 8 am Haiku Community Center. Limit 12. EMI waiver required (see above). Leader: Rob Weltman, robw@worldspot.com or 354-0490

## Friday August 11

### *Palau'ea/Wailea 670 Native Plant Hike (C/E)*

2.5 miles

Explore lava flow areas to check for rare native plants in bloom. Rugged terrain. Closed shoes/boots, long pants, and good balance a must. Bring water, hiking stick, cameras. Meet 3 pm at top of Kaukahi Rd in Wailea. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147

## Saturday, August 19

### *Makamaka'ole (C/E)*

2 miles

Beautiful hike with many stream crossings and waterfall at the end. Bring water shoes, lunch, water, swimsuit. Limit 12. Meet at Waihe'e School parking lot 8:30 am to carpool. Leader: Miranda Camp, mauimiranda@hotmail.com or 868-6848

## Saturday, August 26

### *Hāmākua Mālama Day (C/E/S)*

Ha'ikū, 4 miles

Monthly community service outing to remove trash and keep coastal trails open on 267 acres of Hāmākua lands purchased by Maui County. Bring gloves, hand tools, water, hat, lunch, sturdy shoes. Meet 9 am at Ha'ikū Community Center. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147

## Sunday, August 27

### *Wahinepe'e Water Hike (C/E)*

9 miles

Hike historic trail to overlook Honomanu stream and valley, pools, and waterfalls. Great scenery. Will be muddy. EMI waiver required. Bring water, lunch, bug spray. Meet 8 am Ha'ikū Community Center. Limit 15. Leader: Robin West, rwest808@yahoo.com or 277-7267

## Friday September 1

### *Palau'ea/Wailea 670 Cultural Sites & Native Plants (C/E)*

2.5 miles

Explore lava flow areas marking cultural sites and monitoring native plants in Central Wailea 670 preserve. Rugged terrain. Closed shoes/boots, long

pants, and good balance a must. Bring water, hiking stick, cameras. Meet 3 pm at top of Kaukahi Rd in Wailea. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147

## Saturday, September 9

### *Sliding Sands Trail and Halemau'u Trail (C/E)*

Haleakalā, 11-12 miles

Advanced hike through the Haleakalā crater from the Keonehe'e Trailhead at 9740 feet to Halemau'u at 7990 feet. Hike goes down 3000 feet in elevation and then back up 1000 feet. Must be in great physical shape and good with elevation changes. Bring 3+ liters of water, lunch and plenty of snacks, hat, sunscreen, warm clothing, rain jacket, binoculars, and sturdy closed toe hiking shoes. Meet 8:30 am at Pukalani Longs parking lot. Hike will take about 7-8 hours. At end of hike, optional stay to watch sunset and the stars come out. Note: Fee of \$20/car to enter the Haleakalā National Park. Limit 12. Leader: Adriane Raff Corwin, adriane.raff-corwin@sierraclub.org or 419-5143. Map of hike route: [bit.ly/NPS\\_Haleakala-Map](http://bit.ly/NPS_Haleakala-Map)

## Sunday, September 17

### *Wailua Iki Stream Hike (E/C)*

6 miles

Moderate hike through beautiful forest on winding muddy, jeep road. Pools, waterfalls, and lush plant life. Bring appropriate footwear, sunscreen, lunch and water. Meet 8 am at Ha'ikū Community Center. EMI waiver required (see above). Limit: 15. Leader: Rob Weltman, robw@worldspot.com or 354-0490

## Sunday, September 24

### *Waihe'e Ridge Hike (C)*

5 miles, 1200 ft elevation gain

Great workout with native plants, beautiful views! Bring rain jacket, lunch, water, hat, sunscreen. Meet 8:30 am at Waihe'e School parking lot. Limit 12. Leader: Miranda Camp, mauimiranda@hotmail.com or 868-6848

## Saturday, September 30

### *Hāmākua Mālama Day (C/E/S)*

Ha'ikū, 4 miles

Monthly community service outing to remove trash and keep coastal trails open on 267 acres of Hamakua lands purchased by Maui County. Bring gloves, hand tools, water, hat, lunch, sturdy shoes. Meet 9 am at Ha'ikū Community Center. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147





# Moku Loa Group Report

## CLA Environmental Club/ High School Hikers Program Wrap-Up

by Lisa Mason, HSH Outings Leader

The CLA Environmental Club/High School Hikers (HSH) program has completed another successful school year on the Big Island with 10 official student members, 5 student non-members, and 3 teacher volunteers. Our club organized a total of 19 different outings, racking up a whopping 123 hours of possible outings time per person! One of the things that made this year so memorable was the variety of outings offered each month. Outings ranged from beach cleanups at Kamilo Point and Keaukaha, hiking Kekaha Kai to Makalawena Beach and Kiholo Bay, snorkeling with corals at Wai'opae, sailing with Na Hoa Holomoku in Hilo Bay, and caving in Kaumana.

This past February, after a short beach cleanup at Leleiwi Beach Park, HSH took a trip to the Hilo landfill and saw first hand where our city's garbage is buried. None of the students that day had the slightest clue where the landfill was located, or even what a landfill would look like. Hilo landfill is an unlined facility, near maximum capacity, and receives about 220 tons of trash each day. That was a sobering afternoon for our group as we wrestled with the consequences of our over consumptive lifestyles and made commitments to move towards zero-waste.

March brought about 8 inches of snow to the top of Mauna Kea which was great news for some of the members of HSH who had never experienced snow! On March 4th, several high school hikers ventured to the summit of "Mauna a Wakea", braving the 13,700+ foot altitude and below 25°F temperatures. Fortunately, the sunshine was plentiful which made trekking and sliding along the frozen slopes more than enjoyable. Due to the extreme weather it was not possible to visit Lake Waiau; although, this was HSH's third trip to Mauna Kea this year. Sunset did not disappoint us as we huddled between the Gemini and UH 2.2 meter telescopes, drinking our hot chocolate, anticipating the forthcoming explosion of pinks and purples, and the emergence of Venus and the first stars of the night.

In April, HSH visited Kiholo Bay. Kiholo in the Hawaiian language means fishhook, and is the name of a section of coastline within the ahupua'a of Pu'u Wa'awa'a. Historically, Kiholo was the site of a large, and especially prized, fishpond of King Kamehameha I. Interestingly, the Mauna Loa eruption of 1859 covered much of the ancient pond and reshaped the coastline to form the beautiful lagoon of Wainanali'i. Significant work has been done in the area to restore the function

and beauty of Kiholo Bay, the fishpond, and nearby anchialine pools. HSH will hopefully be volunteering soon with local conservation groups and The Nature Conservancy during their Kaloko O Kiholo workdays.

In addition to outdoor adventures and service, HSH is proud to have participated in the 2016 Keep America Beautiful Recycle Bowl Competition sponsored by Recycle Hawai'i. The Recycle Bowl ran for four weeks in October, and during that time HSH collected, sorted, and weighed over 1,000 pounds of recycling from our campus and community. It was a grueling process but CLA won 1st-place in Hawai'i for the Community Division award and received a cash prize presented by Recycle Hawai'i from local sponsors. Thank you Sustainable Island Products, Keep America Beautiful, and Marcia Hee from Recycle Hawai'i for the generous award.

As part of an energy advocacy challenge this year, the club put together two schoolwide sign waving events to support HB1580. Several of our High School Hikers are also Student Energy Ambassadors through the Blue Planet Foundation on O'ahu. During the sign waving, there were over 200 honks and shakas from motorists within the first hour! This experience taught us that there are concerned citizens in our community who truly believe that new clean energy laws are needed for our islands and that many locals could actually support environmentally responsible initiatives like HB1580. Thank you John Cheever from Blue Planet Foundation for inspiring HSH and creating such fun and meaningful challenges.



Other notable outings this year included hiking the Hilo Breakwall, hiking Kilauea Iki trail at Hawai'i Volcanoes National Park, visiting Pu'u Maka'ala Forest Reserve, native plant identification and geocaching.

# Moku Loa Group Report & Outings

One of the last adventures we had together this year was parasailing in Kailua-Kona where we spotted large pods of bottlenose and spinner dolphins splashing in the waves below as we floated over the ocean.

The CLA Environmental Club/HSB program would like to extend a heartfelt thank you to all the community members and organizations that hosted us this year, and who truly gifted us with a deeper knowledge and appreciation for our island. Thank you Diane Ware, Jim Buck, Jon Olson, Debbie Ward, and all the Sierra Club Moku Loa Group members for your continued support and encouragement this year. Happy summer!

## **Hu Honua** by Cory Harden and Heather Kimball

“It would appear...that Hu Honua wants everyone to assume that...chopping down trees, hauling them 60-70 miles, and then burning them is carbon neutral, and that the project is a model of sustainability,” says Henry Curtis of Life of the Land.

Hu Honua is a biomass power plant proposed for the Hāmākua coast. But many neighbors oppose it, citing Curtis’ concerns, plus concerns about air and water pollution and logging truck traffic.

Hu Honua is vague about what fuel it will burn. Its agreement with HELCO says “biomass from tree plantations on the Island of Hawai’i or any renewable replacement or substitute for biomass reasonably determined by Seller to be suitable for the operation of the Facility in accordance with the Agreement.”

But not all biomass fuels, or bioenergy schemes, are created equal.

“The atmospheric greenhouse gas implications of burning forest biomass for energy vary depending on the characteristics of the bioenergy combustion technology, the fossil fuel technology it replaces, and the biophysical and forest management characteristics of the forests from which the biomass is harvested.” (1)

“Increased production of biomass for energy has the potential to offset substantial use of fossil fuels, but it also has the potential to threaten conservation areas, pollute water resources and decrease food security. The net effect of biomass energy agriculture on climate could be either cooling or warming, depending on the crop, the technology for converting biomass into useable energy, and the difference in carbon stocks and reflectance of solar radiation between the biomass crop and the pre-existing vegetation.” (2)

What happens after all the eucalyptus is cut down? What are the costs for replanting and cultivating,

and for handling the invasive species that will quickly move in?

What happens to our electric bills? A HELCO study found that Hu Honua would raise residents’ average electric bill an average of \$2.26 a month, for 30 years. And transmission costs might push rates even higher, since the greatest demand for electricity is miles away, in West Hawai’i.

Hu Honua is asking the Public Utilities Commission (PUC) for preferential price rates available for renewable energy produced along with agriculture. Chopping down trees would be called agriculture. PUC has never granted these price rates to anyone.

PUC is now deciding whether to approve Hu Honua’s agreement with HELCO. State Representative Cindy Evans is supporting approval.

Hu Honua has asked PUC for a quick decision, by July 3. Stay tuned.

(1) Biomass Sustainability and Carbon Policy Study, Manomet Center for Conservation Sciences, June 2010, p. 6, [https://www.manomet.org/sites/default/files/publications\\_and\\_tools/Manomet\\_Biomass\\_Report\\_ExecutiveSummary\\_June2010.pdf](https://www.manomet.org/sites/default/files/publications_and_tools/Manomet_Biomass_Report_ExecutiveSummary_June2010.pdf)

(2) Biomass energy: the scale of the potential resource, Field, Campbell, and Lobell, Cell, February 2008, [http://www.cell.com/trends/ecology-evolution/abstract/S0169-5347\(08\)00009-8](http://www.cell.com/trends/ecology-evolution/abstract/S0169-5347(08)00009-8)

## UPCOMING OUTINGS:

SEE PAGE 11 FOR GENERAL OUTINGS INFORMATION

### **Saturday, July 15**

*Pu’u Huluhulu HVNP Hike (C/E)*

3 miles, E= +/- 250’

This is a moderate hike with one of the most rewarding panoramas on Kīlauea Volcano. We hike on trail and uneven lava through tree molds to the summit of this 500-year-old cone, now forested and home to several native bird species. Optional hike to nearby spatter rampart created during the 1969 Mauna Ulu lava flow. Bring water, hat, sunscreen, boots, and raingear. Reserve with leaders Diane Ware, 967-8642 or Sarah Moon, 935-3475

# Moku Loa Group Outings

## **Sunday, July 16**

### *Restoration of Keau'ohana Rainforest (S/E/C)*

Moderate/0.5 miles, E= 600'

Join the nonprofit group, Malama O Puna, in its efforts to restore the largest and most intact lowland native forest remaining in the state. You will learn about a unique forest habitat with numerous native plant species including the endangered Ha'iwale that is only found in the Puna District. Bring mosquito repellent, work gloves, good boots, and a willingness to work. Leader: Linda Larish, 966-6337

## **Saturday, July 22**

### *Sandalwood Tree Planting near Saddle Road (S/E/C)*

Contour, moderate, E=7,000'

Assist Mark Hanson and the Hawaiian Reforestation Program planting trees on the slope of Mauna Kea at around 7000 feet. Closed toed shoes required, sunscreen, and raingear are suggested for this rain or shine project. We should be done by about 3 pm. Bring lunch, snacks, and water. Leader: Rob Culbertson, (805) 316-1380

## **Saturday, August 12**

### *Fat Tire Lava Entry Sunset Ride (E)*

5 miles

Bicycle out to see the lava entering the sea from Kalapana and return after dark. This is on a gravel road and then about 1/4 mile hike across rough lava. Good physical condition required, bring water, helmet, lights, and food. Good to have spare inner tube, gloves, rain gear, and soft pad to sit on. Leaders Michael and Sunny LaPlante, 964-5017

## **Saturday, August 26**

### *Sandalwood Tree Planting near Saddle Road (S/C/E)*

Contour, moderate, E=7,000'

Assist Mark Hanson and the Hawaiian Reforestation Program planting trees on the slope of Mauna Kea at around 7000 feet. Closed toed shoes required, sunscreen, and raingear are suggested for this rain or shine project. We should be done by about 3pm, bring lunch, snacks, and water. Leader: Rob Culbertson, (805) 316-1380

## **Sunday, August 27**

### *Green Lake Day Hike (E/F)*

In the afternoon, 3 mile distance, elevation sea level to 800', hike on and around several jungle covered cinder cones and see the largest crater lake in Hawai'i. Then

we will continue to the top of the hill for great views of Puna in the Kapoho area. Leaders: Michael and Sunny LaPlante, 964-5017

## **Saturday, September 2**

### *Humu'ula Trail, Hilo Forest Reserve, O'okala (E)*

5-6 miles, E=+/-1500'

Re-discover this historic trail as we enjoy seeing many native plants along this moderately steep hike. It's possible to hike all the way up to Keanakolu, but we'll stop after 2 or 3 hours for lunch and return the same way. We recommend boots, hat and long pants, 1 quart of water, snacks and/or lunch. Leader: Rob Culbertson, (805) 316-1380

## **Saturday, September. 9**

### *Napau Crater Overlook HVNP (C/E)*

10 miles, E = +/- 1000'

This is a strenuous hike from Kealakomo on the Na'ulu Trail over rough lava and then through forest past craters and the pulu factory to the edge of Napau crater. Half of the hike is open lava and half is protected rainforest. We will have lunch at the overlook then hike back down to our cars. Bring lunch, hat, water, boots (expect some rain and mud), and of course rain jacket. Reserve with leaders Diane Ware, 967-8642 and Linda Larish, 966-6337

## **Saturday, September 16**

### *Sandalwood Tree Planting near Saddle Road (S/E/C)*

Contour, moderate, E=7,000'

Assist Mark Hanson and the Hawaiian Reforestation Program planting trees on the slope of Mauna Kea at around 7000 feet. Closed toed shoes required, sunscreen, and raingear are suggested for this rain or shine project. We should be done by about 3 pm. Bring lunch, snacks, and water. Leader: Rob Culbertson, (805) 316-1380

## **Saturday, September Sept. 23**

### *Pepe'ekeo Cliffs Day Hike (E/C)*

Shoreline, moderate/4 miles, E = +/-200'

Scenic vistas, seabirds and some historic sites depending on which part of the trail we go on atop Hāmākua cliffs. Not for those afraid of heights. Leaders: Michael and Sunny LaPlante, 964-5017

# Strap Your Hands Across My Electric Engine

by Will Giese, Energy Committee Co-Chair

Being from the mainland, electric vehicles always seemed like a “pie-in-the-sky” answer to transportation fossil fuel consumption. Why not just build more public transportation like bus and rail? As I car owner, the last thing I would want is to be stranded in the middle of a corn field with a dead electric car battery and no cell service.



But Hawai‘i, like in many other ways, is the exception. In Hawai‘i, things like solar hot water heaters make sense because there is no cheap natural gas available to heat it. Building out a massive solar farm on Kaua‘i at almost half the cost as a fossil fuel generator is not only possible but already happening. The state legislature hears bills on topics like universal basic income, plastic bag bans, establishing a climate change office, and making Hawai‘i 100% renewable. It’s easy to get tunnel vision when you live here, but bring any of these bills to a state like Arkansas—where I’m from—and you’ll get laughed out of the Capitol. And in Hawai‘i, driving electric vehicles increasingly seems like the exception rather than the rule.

In fact, the numbers don’t lie. Between 2016 and 2017 the number of registered electric vehicles across the state increased by over 30%, approximately 1,300 vehicles, according to the Department of Business, Economic Development, and Tourism’s State Energy Office. Numerous incentives like free electric vehicle charging stations, federal tax credits, and sizable cash rebates also help to bolster the adoption of this technology. Likewise, a recent rebate that offered \$10,000 toward the purchase of a new all-electric Nissan Leaf in Hawai‘i was extended another three months due to popularity.

But are electric vehicles only accesible to the wealthy? Not necessarily. The Nissan Leaf rebate combined with \$7,500 in tax credits brings the purchase price of a fully equipped electric vehicle down to around \$19,000. This is far below the average price of a new vehicle, which came in just north of \$33,000 in April. It’s true that some electric vehicles will cost you upwards of \$100,000, such as a brand new Tesla, but there’s enough variety even in the fledgling electric vehicle market to allow affordability for most. Additionally, policies to update the public transportation fleets to mostly electric or all electric are already in the works, opening access to electric vehicles to all commuters.

“And what about range?” you might ask. Well, it’s true that most electric vehicles have a range under 150 miles on a full charge, which causes a lot of anxiety-induced flop sweat in the wide-open expanses of states like Utah and Texas, but again, Hawai‘i remains the exception. On O‘ahu there are over 60 charging stations on the H-2 corridor between Hale‘iwa and Hawai‘i Kai, and the density of electric vehicle charging stations island-wide means that a driver is almost never more than 5 miles away from a plug. Our island commutes are also much shorter—I drove an electric vehicle on 100 miles of charge from Māpunapuna, to the capitol, back to my home in Mililani, and still had enough juice to get me to the airport the next morning—without ever having to stop to charge. Was there sweat involved? Not nearly as much as you’d think.

Hawai‘i is also starting to make the move in the right direction in terms of policy. For example, even though House Bill 1580, a bill that would have set a fantastic clean energy ground transportation benchmark by 2025, was ultimately killed in the waning days of the 2017 Legislative Session, it seems more than likely that a similar bill will be introduced next year. Although myself and many of my colleagues were disappointed in the deferment of this bill, it is encouraging to see that it got as far as it did. I fully expect to have a similar bill signed into law in the next five years, and you can bet we will be at the capitol fighting to make it happen.

Are electric vehicles right for you? It appears that here in Hawai‘i, the answer is a resounding “yes”. The stars are moving into alignment to make Hawai‘i an all-electric vehicle state, breaking through the shackles of fossil fuel dependence. I have worked on cars as a job and a hobby my whole life, and owned my fair share, but I ditched my fuel-chugging car when I moved to Hawai‘i and traded it in for a bus pass and a bicycle. Living here has raised my appreciation for natural beauty and decreased my dependence on fossil fueled transportation. If getting rid of my gas-guzzler helps preserve the serenity of Hawai‘i then sign me up. But, knowing what I know now, don’t be surprised if you see me in line to get that battery powered roadster. Perhaps it’s the best of both worlds.



# Nature Provides Call to Action on Sea Level Rise Adaptation

by Dave Raney, Senior Adviser of Sierra Club Marine Action Team

TV images of waves crashing into seawalls and overrunning sandbags piled in front of Waikīkī hotels, cars plowing through flooded waters in the low-lying Māpunapuna district of O‘ahu, and other such scenes across all the main islands, have done much to raise public awareness of the need to prepare now to deal



photo by Nate Yuen

with long-predicted impacts of sea level rise. An unusual combination of natural events, including El Niño effects, have overlapped to produce higher than usual seasonal “king tides”—tides a foot or so higher than the highest tides under normal conditions during the latter part of May.

Fortunately, development of climate change adaptation strategies, focusing on sea level rise impacts, is underway at state and county levels of government. As mandated by Act 83, passed in 2014, the State of Hawai‘i Interagency Climate Adaptation Committee, whose members include both state and county planning agencies, will be releasing a Sea Level Rise Vulnerability and Adaptation Report by the end of this year. It will include recommendations for climate adaptation strategies based on specific projections of sea level rise, and a legislative package for 2018 that will propose major changes in key statutes as required to implement the recommendations. The City and County of Honolulu has also taken the initiative, as called for in a Charter Amendment strongly backed by Sierra Club of Hawai‘i, to launch its Office of Climate Change, Sustainability, and Resiliency whose duties include sea level rise adaptation planning.

Recognizing the educational power of photos showing king tide impacts at specific sites throughout the islands, the University of Hawai‘i Sea Grant Program has launched a Citizen Science project to collect, store, and share such photos in a database accessible to the public. There will be additional king tide events, possibly reaching higher levels than in May, predicted for June 23-24 and July 21-22.

# Getting Off Coal

by Kylie Wager, Chapter ExCom Member

It’s hard to believe that Hawai‘i—a state blessed with abundant renewable energy sources and one of the most progressive clean energy goals in the country—continues to use coal power for electricity. Burning coal not only flies in the face of Hawai‘i’s 100% renewable energy mandate but also poses serious risks to our communities and the environment.

The AES Hawai‘i power plant, located in Kapolei on O‘ahu, burns up to 940,700 tons of coal each year. The company imports coal from Indonesia, where coal-mining practices wreak havoc on the land and water resources. After the imported coal reaches the shore of O‘ahu, it is loaded onto an overland conveyor system, dropped to open stockpiles, crushed, stored, and burned.

The AES Hawai‘i power plant emits 1.2 million metric tons of greenhouse gases each year, making it one of the largest sources of carbon pollution in the state. These emissions contribute to climate change and translate into millions of dollars of social costs, including agricultural productivity, human health, property damage, and cooling expenses. As an island state that is particularly vulnerable to rising seas, coastal flooding, ocean acidification, and warming temperatures, Hawai‘i cannot afford to make climate change worse.

But, the damage caused by burning coal doesn’t end with climate change. Coal burning emits noxious gases and heavy metals into the air, and leaves behind hazardous waste: coal ash.

The AES Hawai‘i power plant generates up to 110,000 tons of coal ash per year. The company stores its coal ash onsite in open stockpiles, allowing wind and rain to carry the coal ash off site to neighboring properties and into storm drains. AES Hawai‘i produces so much coal ash that it sends some to local landfills and overseas to Oregon. Concerned citizens and nearby businesses have reported coal ash drifting off-site, causing their eyes to burn, and forming thick dust clouds.

Fly ash particles (a major component of coal ash) can become lodged in the deepest part of the lungs and trigger asthma, inflammation, and immunological reactions. Studies link these particulates to the four leading causes of death in the United States: heart disease, cancer, respiratory diseases, and stroke. Respirable crystalline silica in coal ash can also lodge in the lungs and cause silicosis or scarring of lung tissue, which can result in disabling and sometimes fatal lung disease and cancer.

Ending coal burning in Hawai‘i would lessen threats to human health and the environment, mitigate human-caused climate change, and enable the state to make a giant leap forward toward its 100% clean energy future. AES Hawai‘i needs to immediately convert its plant to clean energy.

**GET INVOLVED! Become a citizen scientist by visiting [ccsr.seagrant.soest.hawaii.edu/king-tides](https://ccsr.seagrant.soest.hawaii.edu/king-tides) and learn more by contacting Dave at [d.raney108@gmail.com](mailto:d.raney108@gmail.com)**

# Stop This Desecration: Precious Maui Sand Mined for Honolulu Rail

By Clare Apana, Maui Group ExCom Member

Maui Group has always supported preservation of Maui's unique inland sand dunes and the many kanaka burials and cultural sites within. We advocate for adhering to the community plan, which protects this wahipana, the historical landscape of the famous battle of Kakanilu'a and the former resting place of hundreds to thousands of burials. But a large sand mining operation continues in the dunes, specifically on land owned by Maui Lani Partners in Wailuku, Maui. Maui Lani Partners has contracted with Hawai'i Construction & Draying (HC&D), which has a grading and grubbing permit that allows it to extract 213,000 cubic yards of sand and sand aggregate from the Maui Lani Phase 9 site. But no one knows for sure how much sand has actually been removed from this area because for at least 10 years the project district archeology representative has ignored requests from State Historic Preservation Division and the Burial Council for monitoring reports and a count of disturbed burials. Without any oversight, 1-6 barges of sand leave Maui every month, and no one knows how many burials of iwi kupuna have been destroyed. And where is our sand going? KHON2's Investigative Reporter Gina Mangieri traced sand extracted from Maui Lani Phase 9 to a barge headed for O'ahu, and then its final destination—the rail project (aired in her investigative report on May 27).

Recently, the "Iwi Protectors" began a social media campaign to bring light to this issue. They posted photos, videos, and found the project permits (which have no start or end dates) and other questionable information. They raised community awareness by having a month-long sign holding campaign outside the county capitol building. The campaign has received news coverage and helped push the county administration to send a letter in early May 2017 to Maui Lani Partners and HC&D, warning of a possible problem with their grading and grubbing permit. In the two days that followed this letter, there was a frenzy of extra-large hauling trucks moving sand from the mining site to the HC&D commercial site. During this frenzy, one burial buffer fence was removed. A cluster of burials at the top of the sand ui'u was destabilized.

The mining has been halted on the site for now, but the mayor and county refuse to revoke the permit. Instead, the developer is being given a chance to work out the problems. Sierra Club Maui Group is calling for a moratorium on all sand mining and exporting. Officials of all levels of government should heed our call.



## Monthly Pau Hanas Are Back!

Mahalo nui to everyone that came to our Chapter monthly pau hana on May 31 at Taco Kabana. We had a great time catching up with old friends and connecting with new ones.

The Hawai'i Chapter hopes to continue to hold pau hana activities every month. Check our Facebook for updates on each month's pau hana details.

## A TREASURER FOR TREE HUGGERS

Here's your chance to join the oldest, largest, and most influential grassroots environmental organization in the country as the **Volunteer Assistant Treasurer!**

- Gain valuable experience and training
- Work with "green" (\$) for a "green" organization
- Develop financial skills

The Sierra Club of Hawai'i's Chapter ExCom needs your part-time financial and bookkeeping skills on the chapter level.

### Summary of Responsibilities:

- Help process financial transactions
- Help prepare financial statements, ExCom reports, and budgets
- Help ensure financial stability and solvency of chapter (sub-entities)
- Monitor, question, and evaluate club activities requiring expenditures
- Assist in administration of fundraising activities, as needed
- Understand and promote the mission of the Sierra Club
- Attend meetings with Treasurer as requested
- Contribute to a sense of camaraderie and teamwork
- Assume treasury duties, if necessary

Please contact Nara Takakawa, Chapter treasurer, if you have the interest and skills for the position at: [hawaii.chapter@sierraclub.org](mailto:hawaii.chapter@sierraclub.org)

# Socially Responsible Investing: Aligning Your Values with Your Money

by Jodi Malinoski, O'ahu Group Coordinator

A few weeks ago I attended a presentation by Michael Kramer, a Managing Partner for "Natural Investments," to learn about his firm's work in socially responsible investing. I was very interested; the O'ahu Group had recently divested from First Hawaiian Bank in response to their involvement in helping to fund the Dakota Access Pipeline and it was a challenge to figure out where to move our money. There were a couple of takeaways from this presentation that Sierra Club members can do to bring their finances in line with their politics:

As a first step, we can all transfer our funds to a local credit union: a non-profit financial institution that gives back to the local community. But as we get older and start investing our savings and retirement funds, we should invest into IRA's and mutual funds that share our environmental and social justice values. Socially responsible investing balances making money while also protecting our natural resources, empowering marginalized communities, and increasing transparency and accountability for corporations.

Michael Kramer and the "Natural Investments" team have 3 offices in Hawai'i, where they work as advisers in socially responsible investing. Services like financial planning, consulting, and portfolio management are offered. But what is really neat is their "Heart Rating," which ranks the top Socially Responsible Investing mutual funds' from 1 through 5 hearts based on their shareholder advocacy, community investing, and an environmental, social, and governance screening. The "Heart Rating" is available for free online for anyone who wants to do their own research and find an IRA or mutual fund that best suits their socially responsible investment needs.

So while we must engage in every decision to counter influence that corporations have in our political system, we can also make a difference by showing these corporations that environmental advocacy can have a prosperous benefit to our economy. Socially responsible investing is a way this generation will do things differently to better our planet and ensure our money is being used in a responsible, socially conscious way.

## Our Executive Committee Needs You!

Now more than ever, Hawai'i's environment needs your support. Looking for a way to help? Join us at the Sierra Club of Hawai'i and consider running for a seat on the Hawai'i Chapter, O'ahu, Kaula'i, Maui, or Moku Loa Group Executive Committee.

Visit [bit.ly/SCH-Nom18](http://bit.ly/SCH-Nom18) to review Executive Committee member responsibilities, for more information, and to submit your nomination. Deadline for nominations is September 1, 2017.

**REMINDER:** Executive Committee voting will occur ONLINE ONLY starting this year. To ensure you receive your online ballot in October, contact [member.care@sierraclub.org](mailto:member.care@sierraclub.org) to ensure your email address is up to date.



Explore, enjoy and protect the planet



## With your help we can clean up our water

Sierra Club Water Sentinels are the first line of defense of America's waters. We live on the water planet. However, water is a finite resource with only about 1 % of the world's water actually being available for human consumption. Water pollution & over-use are threatening both the quality & quantity of our water resources at an alarming rate.

**Keep our water safe. Join Sierra Club.**

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<b>Special Offer</b>	<input type="checkbox"/> \$ 15	N/A
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Supporting	<input type="checkbox"/> \$ 75	<input type="checkbox"/> \$ 100
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Life	<input type="checkbox"/> \$ 1000	<input type="checkbox"/> \$ 1250
Senior	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
Student	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
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## Too much of a good thing?

*by Randy Ching, O‘ahu Group ExCom Member*

The good news: lots of people are hiking on O‘ahu. The bad news: lots of people are hiking on O‘ahu. Ha‘ikū Stairs, Maunawili Falls Trail, Kuli‘ou‘ou Ridge, and Mariner’s Ridge (recently closed to the public 18 months ago) all have something in common: they are being loved to death. Mariner’s Ridge access was closed by Kamehameha Schools because the residents near the trailhead complained about the hordes of hikers and the inappropriate behavior of some of them.

Kuli‘ou‘ou Ridge and Valley are popular trails that have been inundated since the closing of Mariner’s Ridge. The residents of Kala‘au Place, where most hikers park, have experienced much of what Mariner’s Ridge residents complained about, but with one major difference—Kala‘au Place is narrow and has very limited street parking. The people living on this street have difficulty finding space for their vehicles.

At a recent Kuli‘ou‘ou Neighborhood Board meeting, the board unanimously passed a resolution calling for trash cans and a restroom facility, limited hiking hours, signs asking hikers to be considerate of the residents, and a parking area away from Kala‘au Place so that residents can find street parking.

Maunawili Falls Trail is stuck in a dispute between the City and the golf course over who is responsible for maintenance. The trail is in horrendous shape as a result. Sierra Club volunteers built the trail in 1996 mainly to keep hikers from trespassing to get to the falls. Residents of the valley were glad that hikers had a way to access the popular swimming hole without having to cross people’s yards.

Then came the internet. The trail was not built to handle the number of people that were, and still are, visiting the falls. It quickly fell into disrepair and became a muddy slog along parts of the trail. It is almost unhikeable in places.

Ha‘ikū Stairs has been a big draw for both locals and tourists, especially when the Coast Guard handled hikers and their cars in a way that did not disturb residents. Since the Coast Guard left, the enormous number of hikers has some residents calling for the stairs to be torn down. Because the City has been spending \$170,000 a year for guards and the Board of Water Supply does not have enforcement officers, the Board has proposed tearing out the steps.

There is a huge demand for hiking opportunities. But unless we invest in more resources for preservation and maintenance of our natural resources, we will continue to lose trail access—at least 25 trails on O‘ahu closed to the public in the last 20 years.



**HOW YOU CAN HELP:** Volunteer with us on our various service projects and check out our hiking tips at [sierraclubhawaii.org/get-outdoors](http://sierraclubhawaii.org/get-outdoors). Contact your legislators and ask them to increase the funding and staff for the Department of Land and Natural Resources to ensure more natural resource protection in Hawai‘i.

Cover photos by: NOAA Office of Ocean Exploration and Research, Hohonu Moana 2016, Brad Wong (OHA), Jim Abernethy, U.S. Fish and Wildlife Service, Greg McFall (NOAA), Mark Sullivan (NOAA)