

# MĀLAMA I KA HONUA

A Quarterly Journal of the SIERRA CLUB OF HAWAII

OCTOBER-DECEMBER 2017



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SIERRA CLUB OF HAWAII  
MĀLAMA I KA HONUA. Cherish the Earth.



# The Ground Beneath Our Feet

by *Sheila Sarhangi*, Chapter Chair, Executive Committee

Listen, I'm not here to sugar coat that we live in an outrageous time in our country's history. The Trump Administration continues to disregard climate change as hurricanes of unprecedented strength roll across our oceans and cause destruction in our states and beyond, acts of hate were recently swept under the rug by the President himself, and the list goes on and on.

But like many of you, while I remain active in our national affairs, I continue to focus on what I can do here in Hawai'i for our environment and our communities. At a community meeting years ago, Auntie Hannah Kihalani Springer from Kekaha, Hawai'i Island once told me, "Look at the ground beneath your feet and start there." I'm convinced that if we can all work to improve—and connect with—where we live, we can accomplish nearly anything.

This year alone Sierra Club of Hawai'i, our partners, and active residents have stepped into action to protect Hawai'i's resources. Together, we're making progress, including:

- More than 15,000 Hawai'i residents sent petitions to the Trump administration with a strong message to keep protections in place for the **Papahānaumokuākea and the Pacific Remote Islands Marine National Monuments**.
- Hawai'i was the first state to enact legislation that implements portions of **The Paris Agreement**, bypassing Trump's withdrawal.
- Sierra Club filed suit to strengthen the state Department of Health's regulations on aging underground storage tanks that threaten **O'ahu's drinking water**.
- The Maui County Council voted unanimously to ban the sale and use of **polystyrene foam containers** throughout Maui County.
- Sierra Club's appeal to Hawai'i residents to withdraw funds from First Hawaiian Bank in an act of solidarity with Dakota Access Pipeline protesters resulted in more than **\$1.5 million being divested** from First Hawaiian Bank, whose majority shareholder, BNP Paribas, backed the project.
- Honolulu's "new" **plastic bag ban**, was signed into law, requiring retailers to charge 15 cents for each reusable, compostable plastic or recyclable paper bags starting in July 2018 and banning all plastic bags by the year 2020.

As we approach the final months of the year, I'd like to challenge all of us to get involved in a local issue that we have been thinking about, but haven't made movement on yet. That can translate as showing up to a community workday, starting a petition, testifying at the upcoming legislative session, or even picking up plastic at your local beach. I'm consistently reminded of the impressive change that can take place with passion, interest, and positive energy alone.

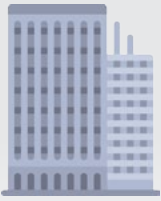
On a personal note, I say all of this to you with sincere hope, as our second baby rumbles in my belly. I take solace in knowing that our son will join this world alongside like-minded people like you, who want our next generation to experience the wonders of this Earth, from coral to native forests.



Photo by Elyse Butler Mallams

It's been an honor to serve as your Chapter Chair this year. Thank you for all that you do.

The year is not quite over but a lot has happened in the first three quarters, here are some highlights:



## Movin' on up

After 15+ years at the YWCA Laniākea, the Honolulu office has a new home on Bishop Street



## Getting outside

Our groups led over 170 hikes, service projects, and service trips statewide

## Let's all agree

Hawai'i becomes first state to enact parts of the Paris Climate Agreement into state law



## Ban da foam

While Honolulu works toward a ban, Maui and Hawai'i Counties pass bills banning polystyrene foam



## Chapter and Groups participate in 30+ events and marches



## For a future together

As sugarcane production ends, Maui Group and partners launch a campaign advocating for affordable housing, sustainable agriculture, and conservation in the area



## Telescope debate

The fate of the Thirty Meter Telescope is still undecided and Moku Loa Group continues advocacy on the issue



## Defend our monuments

In an effort to protect Hawai'i's marine monuments from commercial exploitation, 15,000+ residents sent petitions to the White House

## Step in the right direction

O'ahu Group's hard work pays off and the Honolulu Office of Climate Change, Sustainability, and Resiliency is fully funded



## Protect the coast

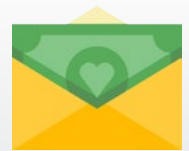
Kaua'i Group filed a lawsuit to preserve the coast along the Coconut Beach Resort Development as climate change continues to impact shorelines



## Mākena Suit

Maui Group and allies settle a legal battle on the Mākena Landing Development project, downsizing the development and protecting the surrounding environment

## Chapter tripled the number of monthly donors this year



## Pau hanas are back

Chapter has held 5 pau hanas so far - don't miss out, join us every last Wednesday of the month



## Plastic free is the way to be

Honolulu County updated their plastic bag ban, implementing a charge in 2018 and a full ban in 2020



## Water is life

Hawai'i Chapter is suing the state Department of Health for failing to protect our groundwater supplies from underground storage tanks



# Red Hill Update: Lawsuit in Full Swing

In August, the Sierra Club of Hawai'i filed suit against the state Department of Health for failing to protect Hawai'i's drinking water.

In January 2014, 27,000 gallons of jet fuel leaked from one of 18 tanks in the U.S. Navy's Red Hill facility. The 70-year-old tanks sit just 100 feet above O'ahu's most significant drinking water resource and hold approximately 187 million gallons of jet fuel. Analysis of Navy spillage reports reveal that more than 200,000 gallons of petroleum products have leaked since the Red Hill facility was built. The Southern O'ahu Basal Aquifer, located beneath the facility, was designated in 1987 by the Environmental Protection Agency as the "principal source of drinking water" for the island, and that "if contaminated, would create a significant hazard to public health."

In May, the Sierra Club of Hawai'i delivered official notice to the state Department of Health that their regulations on underground storage tanks fail to comply with a 1992 state statute that reads, "Existing underground storage tanks or existing tank systems shall be replaced or upgraded no later than December 22, 1998 to prevent releases for their operating life." This requirement applies to all tanks storing hazardous material underground.

"Storing millions of gallons of fuel in rusty, old tanks just one hundred feet over our aquifer is foolish," Sierra Club member and volunteer Erynn Fernandez told the Honolulu Star-Advertiser. "My family and I, like thousands of others, drink this water everyday. These tanks need to be immediately and completely upgraded or relocated because our groundwater is too important to be put at risk like this."

With sufficient staff and financial resources the state Department of Health can fully protect Hawai'i's environmental and public health from contamination. The Club remains committed to working with the Department to improve its oversight and enforce Hawai'i's laws protecting our environment.



Photo by Jodi Malinoski



Photos by Kirsten Fujitani

To support this lawsuit to protect our drinking water, you can make a 501(c)3, tax-deductible donation to the Sierra Club Foundation. Send your check to 2101 Webster Street, Oakland, CA 94612. Please write "Hawai'i Chapter" in the memo line of your check.

# Mālama: To Take Good Care

by *Harvy King, O'ahu Group Volunteer*

In the beginning of every sentence in any language there is a departure. Language is the gear in our mind that allows us to hover across county lines and fly into infinity and beyond. We look around the world today and there is a greater devastation happening than we are ready for. We are the stewards of this entire planet and it is our world that is up in smoke. I had the privilege to write for Sierra Club of Hawai'i earlier this year where I emphasized environmental stewardship to be a trait we need to be more passionate about. This time, I feel the need to emphasize taking good care of ourselves, each other, and everything around us.

## Mālama Pono

Environmental stewardship isn't a matter of enforcing government regulations with authority. One must take it upon themselves to honor and respect the natural environment willingly. No matter how much urban development is erected around us, humans are not separate from the natural environment. Hawaiian culture is rooted in an oral tradition, a language of kindness, responsibility, determination, and willpower. In the indigenous Hawaiian perspective, respect for the environment and its natural resources is a sacred and spiritual practice of communion. This is reflected in almost all indigenous cultures. When it comes to today's management of Hawai'i and its resources, it is not very Hawaiian.

My experience of coming to Hawai'i as a military service member earned me a perspective of two worlds in a time where I was eager to immerse myself in whatever grabbed my attention. I learned about how the military organizes environmental compliance. Hawai'i is special. It requires a lot of care, more so than the military in general cares to give, case in point, the Red Hill fuel storage facility. This year I testified in support of the Red Hill Bill and recently attended the Navy's public event geared to inform local citizens on what is being done to rectify the situation of the fuel spill that happened 3 years ago. The Navy has failed to appropriately address the matter of Red Hill. The Red Hill public affairs officer would not allow the appropriate discussion to be had in regards to the proper environmental compliance measures at the facility. The buck doesn't stop there. The failure to appropriately manage resources and be a genuine steward of the environment reaches the highest levels of geopolitical power and that needs to change. This is true: humans have misused and abused the natural resources of the whole world and those guilty of this mismanagement refuse to face the facts. We are now a witness to what the effects of neglecting our responsibility of environmental stewardship will do to our society. Environmental protection is non-negotiable.

## Mālama Honua

# Wai for Kānewai

Kānewai Spring, one of the last functioning freshwater springs in East Honolulu, is now permanently protected, safeguarding an important and traditional freshwater source for Maunalua Bay. In July, the city, state, Trust for Public Land, Maunalua Fishpond Heritage Center and community members worked together to purchase and protect Kānewai Spring in Kuli'ou'ou. This triumph comes after years of advocacy to restore the spring with the goal of returning clean freshwater to Maunalua Bay. The property also includes many Hawaiian cultural resources including a kū'ula, a mākāhā and a traditional dry stacked wall lining the spring.

Reconnecting people to the land has transformed the spring, as well as the and well-being of many community volunteers and their families. For many keiki, the spring is where they caught their first fish, or rolled up their sleeves to reduce invasive fish species.



Beginning in 2010, nonprofit Maunalua Fishpond Heritage Center, with permission from the landowner, Rikuo Corporation, worked with school groups and community volunteers to clear thousands of pounds of invasive brush and trash that were damaging the health of the spring and its surrounding ancient coconut grove.

To fund the conservation purchase, the state Department of Land & Natural Resources Legacy Land Conservation Program granted \$1.3 million. The City and County of Honolulu Clean Water and Natural Lands Program contributed an additional \$1 million, providing Trust for Public Land with the \$2.3 million needed to purchase and preserve the property in perpetuity. Local foundations and donors raised \$350,000 to cover costs for the real estate transaction and expenses for land management.

The land is now permanently protected through a conservation easement with binding restrictions that will be monitored and enforced by the City and area nonprofit, Livable Hawai'i Kai Hui. Upon completion of purchase, Trust for Public Land transferred ownership of Kānewai Spring to Maunalua Fishpond Heritage Center who will continue to steward the land and host regular volunteer days for schools and the community, providing a unique educational and service learning experience while restoring a healthy native ecosystem and perpetuating Hawaiian culture.

**For more information and updates visit  
[facebook.com/MaunaluaFishpond](https://facebook.com/MaunaluaFishpond)**





Video Making at Ka'ōnohi Farms



March for Science - Hilo



Plant Sale at Ha'ikū Ho'olaule'a



Hawai'i Chapter Pau Hana at Beerworks



O'ahu Group Cleanup at Ala Wai Harbor



O'ahu Group at City Council

**Bonus highlights  
from 2017**  
**It was a great year!**

## Kimiko LaHaela Walter Joins the Team

We are pleased to welcome Kimiko LaHaela Walter to the Sierra Club of Hawai'i! Kimiko's role will focus on grassroots organizing efforts across the Hawaiian Islands. Her goals align with the Chapter's mission to empower people to take action to stop climate change and ensure a resilient and just future for all of Hawai'i.

Kimiko joins us from the Hawai'i Center for Food Safety, where she worked on food sustainability issues as their Program Associate and Pollinator Program Coordinator. During her time there, she assisted communities in their fight for food and water security throughout the Islands. She holds a BSc in Environmental Science and Sustainable Resource Management from the University of Washington, Seattle and an International MSc in Forest Ecology and Management from the University of Freiburg, Germany. Her passion lies in working with people and she is dedicated to helping facilitate direct grassroots action in order to create positive and rapid change in society and in policy, especially to mitigate the effects of climate change.

Kimiko is excited to continue her work with local communities by helping to solve the environmental and social justice issues that are important to them. She is committed to protecting Hawai'i's unique environment and is keen to utilize her deep passion for people and nature to encourage others to organize, take action, and ultimately see a holistically vibrant and healthy Hawai'i come to fruition. In this way, she hopes to leave a better world for her young daughter and all future generations to come. She lives in the Mo'ili'ili area of Honolulu with her family and enjoys yoga, hiking, cooking healthy food and all things ocean-friendly.



Photo by Steve Decker, 21 North Photography



# Stop the Mining: Preserve the Central Maui Sand Dunes

by *Adriane Raff Corwin, Maui Group Coordinator*

Maui's Environmental Court recently reaffirmed its order to stop sand mining and other activities that disturb the natural dune systems in a section of the Maui Lani Project District. Sierra Club Maui and many other concerned residents have long advocated to preserve the unique natural inland dune systems of Central Maui and protect the extensive Native Hawaiian burial complexes that they shelter from destruction. We urge the community to support all efforts to end the destructive and poorly regulated practice of mining Maui's unique Pu'u One dune system.

The Wailuku-Kahului Community Plan underscores the cultural importance of the dunes, listing the Pu'u One Sand Dune Formation from Kahului Harbor to Waikapu as a cultural resource and wahi pana (significant traditional place). And almost 15 years ago, over 1,000 Maui Nui residents participated in the Focus Maui Nui process. Their vision statement concluded: "That which makes Maui Nui unique in the world will be preserved, celebrated, and protected for generations to come." This is exactly why so many voices are rising up to speak for the Pu'u One dunes. Maui's famous natural landscape features are a big part of what make us "unique in the world."

The grandeur of Haleakalā and the mysterious cloud-shrouded peak of Pu'u Kukui are celebrated at home and abroad. Equally unique and remarkable are the magnificent wind sculpted Pu'u One ("Hill of Sand") dunes of central Maui. These dunes are an important part of Maui's history both natural and human. These dunes hold the stories of traditional legend and history. They are not a renewable resource. Once they have been destroyed, they will not return. A part of Maui will disappear with them.

During the last Ice Age, sea levels were much lower. Broad stretches of beach and their coral-based sands were exposed along Maui's Isthmus. Centuries of wind has caused the sands to develop into a series of successive, long, high ridges with intricate cross layers of deposits. With the addition of vegetation, these sands became "lithified" dunes.

Unfortunately, these are the same natural formations that are being mined for construction sand or bulldozed into subdivision lots. These types of activities, often done without proper permits or even archaeological monitoring, do not reflect our community values.

The companies who mine and export the dune sand within the 1,000-acre Maui Lani Project District have already significantly modified the Pu'u One dunes. This has resulted in the disinterment and/or destruction of hundreds of pre-contact burial sites. This is deeply disturbing to the many Maui 'ohana with long ancestral ties to the lands of Waikapu and Wailuku.

Alexander & Baldwin's proposed Waiale North development adjoining Maui Lani allowed sand mining. The Waiale Town Master Plan also proposed to destroy most of the intact natural dune features within their 300 acre site. They have characterized the existing dunes of 20-to-30 feet height with culturally significant views of Mauna Kahalawai as "fragments." Waiale sand mining has already disturbed around 100 traditional Hawaiian burials. Only five were previously known during surveying. The rest were "inadvertently" discovered by heavy machinery mining sand.

The Pu'u One dunes are recognized by multiple archeological reports as a known traditional burial complex. They should be protected as a Traditional Cultural Property, which the Federal historic preservation law defines as a "property that is eligible for inclusion in the National Register of Historic Places based on its associations with the cultural practices, traditions, beliefs, lifeways, arts, crafts, or social institutions of a living community. Traditional Cultural Property are rooted in a traditional community's history and are important in maintaining the continuing cultural identity of the community." They are being destroyed dune by dune and subdivided lot by lot. They must be protected as a whole.

The time has come to preserve, celebrate, and protect our central Maui Pu'u One as a Traditional Cultural Property so that it will be here for generations to come. The recent legal action taken by cultural practitioners and the proposed Sand Mining Moratorium before the County Council are good first steps.



A version of this was published in The Maui News on August 17, 2017. Mahalo to Lucienne de Naie for her contributions to this column.

# O'ahu Group Report



*by Anthony Aalto, O'ahu Group Chair*

We continue to have great success with issues that we are working on at Honolulu Hale. We persuaded Mayor Caldwell to sign the national Sierra Club's "Mayors for 100% Clean Energy" pledge. Together with support from other mayors across the country, this was then used to help ensure passage of a pair of resolutions at the annual United States Conference of Mayors urging the Trump Administration to re-join the Paris Accord and commit cities to meet the terms of the Paris Accord. Our success in recruiting Mayor Caldwell was also rewarded by a \$1000 grant from the national Sierra Club to help push our campaign for clean energy on O'ahu.

On behalf of the Chapter, the O'ahu Group organized a meeting with senior AES executives to discuss the future of their coal-burning plant in Campbell Industrial Park. They told us that they accept that there will be no more burning of coal after 2022. However they hope to keep the plant open using pelletized biomass. In theory this can be done in a carbon-neutral way (basically you plant more CO<sub>2</sub>-absorbing trees than you harvest) but doing so is hard and requires close monitoring through the entire production cycle. AES appeared open to working with us on this. They are also open to working with us on exploring how to integrate utility-scale battery storage into the grid; sharing their experience working with municipal and cooperative utilities around the country as a model for O'ahu; working to change the Public Utilities Commission's wheeling regulations; and working to ensure that HART is powered entirely from renewable sources as soon as possible.

This last item is one we have also raised directly with HART. Following some extended lobbying, we have received a written commitment from the outgoing CEO of HART, Krishniah Murthy to do the following: within 6 months report on the feasibility of building an independent micro-grid and installing large scale battery storage as well as consulting with utilities other than HECO to help with HART's power needs; within 6 months develop a strategy to put PV on the Maintenance Facility and to assess the practicality of putting PV on the Operation & Service Building, in the grounds of the Rail Operation Center and along the entire route of the rail guideway; look at the practicality of LEED-certifying the system. Murthy also committed to establish an Office of Sustainability to ensure these initiatives move forward and to ensure inter-agency and intra-agency coordination.

We are delighted to report that Gary Gill, who does outreach for us to Honolulu Hale, is back from his medical interlude and once again giving us the benefit of his experience and advice. Our Coordinator Jodi Malinoski has been speaking to Neighborhood Boards and has persuaded seven of them to adopt resolutions demanding better protection for our groundwater.

All of our board members are fully engaged. To highlight just a few of the activities they are involved in: Jeff Kim has started to work on developing an advocacy program with high school and university students. Sai Weiss is finishing work on a video of our activities to help boost interest in the club and is helping push our fundraising agenda; Hunter Heavilin worked with the North Shore community to ensure the Sierra Club's voice was heard on the recent proposed Hale'iwa Plantation Village development proposal. Randy Ching, amongst many other things, has been helping efforts to ensure the preservation of the Ha'ikū stairs and a more orderly method for the public to access the trail. Dave Raney was heavily involved in the effort to persuade the Kāhala Hotel to withdraw its application for a permanent easement on the public beach. Rob Kinslow, Jodi, and Sai all hosted interesting episodes of Think Tech. Elliot Van Wie submitted testimony on our behalf about two affordable housing bills. Leilei Shih spoke to the audience after Chapter held a screening of the documentary Chasing Coral that was attended by about 40 people.

This film showing was a part of a new series of Hawai'i Chapter pau hana events that stage a way to bring our members together to engage and socialize. These pau hanas are scheduled for the last Wednesday of every month. The O'ahu Group is also planning our annual membership meeting, which is tentatively set as a pau hana event for late November.

Phew! And that doesn't cover all of it! If you're interested in working on any of these issues please consider volunteering here: [sierracluboahu.org/volunteer/](https://sierracluboahu.org/volunteer/) and if you would like to contribute financially by becoming a monthly sustaining donor - which we love because all the money stays on O'ahu to support our local work - please contribute here: [sierracluboahu.org/donate/](https://sierracluboahu.org/donate/)

A hui hou!





SEE PAGE 11 FOR GENERAL OUTINGS INFORMATION

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

Unless otherwise stated in the outing description, participants meet at 8am 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

## Saturday, October 7

### *Ala Wai Boat Harbor Cleanup (S)*

Meet at 8am at the Harbor Master's office, which is located behind the Ilikai Hotel in front of the boat launch area. 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. Bags and gloves will be provided. 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, October 8

### *Photography Hike: Pālehua-Palikea (E)*

Makakilo, moderate/2 miles, ridge

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

## Saturday, October 14

### *MCBH Kāne'ōhe Bay Service Project (S)*

Reservations required. Contact Dan Anderson at 489-1695 or [danderhi@gmail.com](mailto:danderhi@gmail.com) by October 13. We will be working with the Environmental Division helping clear wetlands of mangrove plants to create habitat for Hawai'i's endangered waterbirds. Because MCBH is a secured military facility, we must provide your name to the base in advance. We'll send you a waiver which you must bring with you. Leader: Deborah Blair, 955-4168

## Saturday, October 14

*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. Tentative meeting time is 8:30am. Leaders: Clyde Kobashigawa, [clydekobashigawa@hawaii.rr.com](mailto:clydekobashigawa@hawaii.rr.com); John Shimogawa, 227-9925; Stan Oka, 429-9814; Curtis Kawamoto; Susan Tom

## Sunday, October 15

### *Photography Hike: Queen Kapi'olani Gardens (E/F)* Kapahulu, easy

Reservations required at least one week prior. Contact Stan for reservations. The pace of photography hikes is extremely slow. Botanical garden with native plants, colorful flowers and foliage. Leaders: Stan Oka, 429-9814; John Shimogawa, 227-9925; Curtis Kawamoto

## Wednesday, October 18

### *Waihe'e Tunnel and Watershed Tour (E/F)*

Waihe'e, easy/1 mile

We will join the Board of Water Supply's Waihe'e Tunnel tour in Kahalu'u. Tour will include an introduction to O'ahu's water cycle, the importance of our forested watershed areas to the islands water resource, the history and purpose of Waihe'e Tunnel, and guided tunnel walk. The tunnel walk is from 9:30am to noon and is 1,500 feet long one-way in 1-2 inches water. If you are interested, please email leader. Leader: Colleen Soares, [csoares48@gmail.com](mailto:csoares48@gmail.com)

## Saturday, October 21

### *Wa'ahila Ridge to Mānoa Valley via Kolowalu Trail (E/F)* Mānoa, strenuous/4.5 miles, ridge/valley

Wa'ahila Ridge Trail begins at the back of Wa'ahila Ridge State Park in ironwood and guava trees. It traverses alternately between open ridge and forest as it gradually ascends the ridge between Mānoa and Pālolo Valleys. It offers spectacular views of Mānoa Valley, Pālolo Valley, Honolulu, and the Ko'olau Range. Native Hawaiian plants are common along the upper portions of this trail, including koa and 'ōhi'a lehua. We descend Kolowalu trail to back of Mānoa Valley. Road hike back

# O'ahu Group Outings

to parked cars at Mānoa Library. Leader: Dan Anderson, 489-1695, danderhi@gmail.com

## **Sunday, October 22**

*Photography Hike: Pu'ū Ōhi'a/Tantalus Crater (E)*

Tantalus, easy/2 miles, ridge/crater

Reservations required at least one week prior. Contact Clyde for reservations. The pace of photography hikes is extremely slow. Wet rainforest environment with many native plants. Low light conditions. Bring mosquito repellent and raingear. Leaders: Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; John Shimogawa, 227-9925; Curtis Kawamoto

## **Saturday, October 28**

*Service Project at UH Mānoa Shidler College of Business (S)*

Help maintain the garden of Native Hawaiian plants, many of which are endangered. Meeting time is 7:30am. Contact Susan for reservations and meeting place. Leaders: Susan Tom, 753-0351; Clyde Kobashigawa

## **Saturday, November 4**

*James Campbell National Wildlife Refuge (E/F)*

Kahuku, easy/1 mile

This is an easy interpretive walk to see and photograph native endangered Hawaiian water birds and migratory birds who spend the winter at this refuge. We start at 3pm because sunlight is at a better angle, which makes for good viewing and photography. Also, the curlews tend to begin assembling then and there may be less beach traffic. Reservations by Oct 28. Leader: Colleen Soares, csoares48@gmail.com, 748-9215

## **Sunday, November 12**

*Photography Hike: Pālehua-Palikea (E)*

Makakilo, moderate/2 miles, ridge

Reservations required at least one week prior. Contact Clyde for reservations. The pace of photography hikes is extremely slow. Not for those uneasy about heights. Due to safety concerns only adults will be accepted. Native plants, native happy face spiders, native birds, scenic panoramas, and native tree snails are the attractions in this preserve. Tentative meeting time is 8:30am. Leaders: Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; John Shimogawa, 227-9925; Stan Oka, 429-9814; Curtis Kawamoto; Susan Tom

## **Saturday, November 18**

*Photography Hike: Wahiawā Botanical Garden (E)*

Wahiawa, easy/1 mile

Reservations required at least one week prior. Contact

Stan for reservations. The pace of photography hikes is extremely slow. Tropical Botanical Garden with native plants, colorful flowers and foliage. Leaders: Stan Oka 429-9814; Clyde Kobashigawa clydekobashigawa@hawaii.rr.com; John Shimogawa 227-9925; Susan Tom; Curtis Kawamoto

## **Sunday, November 19**

*Sandy Beach Cleanup (S)*

We will clean up along highway and coastal areas until 10am. 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 8am 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

## **Sunday, November 26**

*Judd-Nu'uuanu-Pauoa Flats-Nu'uuanu Overlook-Pu'ū Ōhi'a Nu'uuanu, moderate/4 miles, ridge/contour*

Reservations required as car shuttle will be necessary. We will start at Judd Trailhead and cross the Nu'uuanu stream. We will climb uphill on the Nu'uuanu trail to the ridgeline with beautiful views of Nu'uuanu valley from different vantage points. There is about 1,300 feet elevation change. If the weather is clear, we will continue to the Nu'uuanu Overlook with a view toward the windward side of the island and Nu'uuanu Reservoir. Bring a lunch to enjoy with the view. Recommend insect repellent, hiking stick(s) and rain gear. Native plants along the trail. Contact Curtis for reservations with first and last name and phone number at least one week prior. Leaders: Curtis Kawamoto, curtis96815@gmail.com; John Shimogawa, 227-9925; Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com

## **Sunday, December 3**

*Photography Hike: Kawai Nui Dike Road and Nā Pōhaku O Hawwahine (E)*

Kailua, easy/2 miles

Reservations required at least one week prior. Contact John for reservations. The pace of photography hikes is extremely slow. 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; Susan Tom; Curtis Kawamoto





# O'ahu Group Outings

## Saturday, December 9

### *MCBH Kāne'ohe Bay Service Project (S)*

Reservations required. Contact Dan Anderson at 489-1695 or danderhi@gmail.com by December 8. We will be working with the Environmental Division helping clear wetlands of mangrove plants to create habitat for Hawai'i's endangered waterbirds. Because MCBH is a secured military facility, we must provide your name to the base in advance. We'll send you a waiver which you must bring with you. Leader: Deborah Blair, 955-4168

## Sunday, December 10

### *Pālehua Service Project-Trail Clearing (S)*

Reservations required at least one week prior. Contact John for reservations. Space is limited due to parking, and also as we will be working along an existing trail that is not used very much to also develop it as a fire break. Pack a lunch and /or snack and lots of water. Bring gloves, pruning saws, pruning shears, loppers, mosquito repellent, and lots of enthusiasm! The area is known for beautiful scenic panoramas from the ridge overlooking Nānākuli Valley. You may also hear and see some native birds, so bring a camera too. Leaders: John Shimogawa, 227-9925; Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; Stan Oka, 429-9814; Curtis Kawamoto

## Saturday, December 16

### *Photography Hike: Ka'ena Point (E)*

Wai'anae, easy/5 miles, coast

Reservations required at least one week prior. Contact Susan for reservations. The pace of photography hikes is extremely slow. Usually very hot, sometimes humid, with beautiful coastal and ocean scenery. Some native plants and possible humpback whale and Hawaiian monk seal sightings and usually albatross with chicks. Bring lots of water, sunscreen, hat, and lunch. We plan to leave the church at 7am since the drive to the trailhead is very long. Leaders: Susan Tom, 753-0351; Clyde Kobashigawa, clydekobashigawa@hawaii.rr.com; John Shimogawa, 227-9925; Curtis Kawamoto



Photo by Nate Yuen

O'ahu Group outings leaders Susan, Curtis, John, Clyde, and participants on Pu'u Ma'eli'eli outing

## SIERRA CLUB OUTINGS POLICY

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



## Will County Disregard Sea Level Rise in Designing the Coastal Path?

Along the low-lying Waipouli coastline the king tide events of this summer – the convergence of high tides and rising sea level – have caused the high wash of the waves to extend 20 feet beyond the usual shoreline in some areas (Figure 1).



**Figure 1.** The July 2017 king tides brought ocean debris 20 feet landward (red arrows) of Coconut Plantation Resort's January 2016 Certified Shoreline (yellow arrows), closely approaching the proposed location of the path, just north of Marriott Courtyard.

This coastal corridor is a tsunami inundation area, affected by storm waves, flooding, and erosion. Yet, the proposed 1.1 mile long Waipouli Path, formally known as the Lydgate Park-Kapa'a Bike/Pedestrian Path Phase C & D, has been designed too close to the shoreline.

Over the past two years seasonal fluctuations such as tropical storms and king tides have brought the high wash of the waves as much as 60 feet mauka of the certified shoreline—an example is where Coconut Beach Resort will be built.

Although these are episodic events, the resulting ocean run-up and sand reaching the proposed path will be hazardous to the large number of walkers, joggers, runners, and bicyclists—both residents and tourists—that use this recreational corridor.

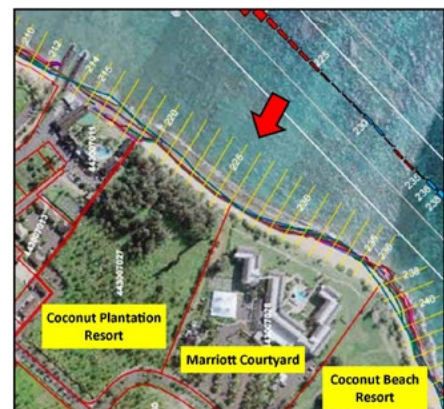
The original intent, according to county documents, was to locate the coastal path “as far mauka from the shoreline as possible.” But the current permit applications—the Special Management Area permit and Shoreline Setback Variance permit—propose to construct more than 90% of the path within the “no build zone,” also known as the shoreline setback area.

There's a lot at stake and safety needs to be a priority for areas vulnerable to coastal hazards. Instead of decisions based on erosion trends of the past 100 years (Figure 2), these permit applications should respond to current data and prepare for future impacts of increased frequency and intensity of tropical storms and sea level rise, as evidenced by the recent wave run-up events.

Exceptions (variance permits) should not be granted by the Planning Commission to allow the path to be constructed less than 40 feet from the shoreline along the undeveloped Coconut Plantation Resort parcel and, at a later date, along the proposed Coconut Beach Resort. Both parcels have a required 100 foot shoreline setbacks, so there is ample area to build the path 40 feet or more landward of the shoreline.

Having the path encroach into the shoreline setback area, in some places only 20 feet from the shore, is essentially diminishing the public beach especially in areas known for “active erosion.” It will also be intrusive to beachgoers who fish or gather along the coastline and others who simply want to enjoy nature.

With the permanent loss of traditional coastal landscapes through development and erosion, establishing the widest buffer possible between the coastal path and the shoreline should be a priority for the county.



**Figure 2.** Red arrow denotes transects #225-226 on the Erosion Hazard Map where ocean debris washed up 20 feet beyond the certified shoreline this July.

## UPCOMING OUTINGS:

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 808-482-1129 to find out how much fun you could be having while giving people the opportunity to explore the island, enjoy its beauty, and inspire them to protect it.

### Saturday, October 7

#### Hanakāpi'ai Beach (C/F)

North Shore, strenuous/4.5 miles

From Ke'e Beach we start our hike to Hanakāpi'ai Beach along Na Pali Coast, approximately 2 miles from the start of Kalalau Trail. Great coastal views! Leader:



# Kaua'i Group Outings

Vivian Hager, 652-3234

## **Sunday, October 22**

### *Tour de Po'ipu Bike Ride (F)*

Two easy/moderate rides to choose lengths of 8 or 13 miles. Fantastic South Shore views. Bring your own bike. Helmets required. Leader: Allan Rachap, 212-3108

## **Tuesday, October 24**

### *Waimea Canyon Road Cleanup*

West Side, easy/ 2 miles

Casual morning clean up of Sierra Club's adopted highway, usually requires a little over an hour. Please help keep the gateway to Waimea Canyon clean. Leader: Bob Nishek, 346-0476

## **Saturday, October 28**

### *Nukoli'i Beach Cleanup (S)*

East shore/easy

Sierra Club and Surfrider collaborate to protect the marine and other wildlife, the reef, and ocean from marine debris. Bring water and a hat. We'll supply gloves, bags, and refreshments. 9am to noon. Check our website or call leader to find out at which end of Nukoli'i Beach we'll meet. Leader: Judy Dalton, 482-1129

## **Wednesday, November 1**

### *Alaka'i Swamp Boardwalk*

Koke'e/West side, very strenuous/7 miles

The Alaka'i is a primeval habitat made accessible by boardwalks. The Alaka'i, one of the world's wettest spots, is not a swamp but a mountain rainforest rising 4,500 feet above the Pacific. A variety of native plants and birds can be seen only on this trail. Leader: Bob Nishek, 346-0476

## **Friday, November 3**

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

East shore, moderate/4.5 miles

We start off in the late afternoon from Kuna Bay (Donkey Beach) walking along the coastline ending at Kapa'a Library watching the full moon rise over the ocean. We'll shuttle cars for a one-way hike. Leader: Judy Dalton, 482-1129 and co-leader Lee Gately

## **Saturday, November 11**

### *Sleeping Giant (Nonou) (F)*

East side, moderately strenuous/3 miles

Incredible sweeping views and lush vegetation. Leader: Vivian Hager, 652-3234 and co-leader Lee Gately

## **Saturday, November 18**

### *Jewel of Koke'e (C/E/F)*

Strenuous/7 miles

Spectacular hike through forests of Koke'e, Black Pipe Trail, Canyon Trail, Po'omau Canyon Lookout. We will

cross over Waipo'o Falls for a view of Waimea Canyon to the ocean. Leader: Ken Fasig, 346-1229

## **Saturday, November 25**

### *Donkey Beach Clean Up (S)*

East shore, moderately easy

Sierra Club and Surfrider team up to help protect marine life, the reef and ocean from litter and fishing net entanglement. Look for banners at the parking lot above Donkey Beach, between the 11 and 12-mile highway markers by Public Shoreline Access sign. 9am until noon. Bags, gloves, and snacks provided. Leader: Vivian Hager, 652-3234

## **Tuesday, November 28**

### *Waimea Canyon Road Cleanup*

West side, easy/2 miles

Casual morning clean up of Sierra Club's adopted highway, usually requires a little over an hour. Please help keep the gateway to Waimea Canyon clean. Leader: Bob Nishek, 346-0476

## **Saturday, December 9**

### *Kuilau Trail (C/F)*

East side, easy to moderate/3.5 miles

A gentle steady walk on a wide path with sweeping view of lush valleys and Mount Wai'ale'ale and Makaleha Mountain Ranges. This trail offers great rewards without a lot of effort. Glorious views and ever-present bird-songs reward you along this trail. Hike to bridge and picnic tables for lunch. Leader: Lee Gately, 661-373-4834 and co-leader Vivian Hager

## **Tuesday, December 12**

### *Waimea Canyon Road Cleanup*

West Side, easy/2 miles

Casual morning clean up of Sierra Club's adopted highway, usually requires a little over an hour.

Please help keep the gateway to Waimea Canyon clean. Leader: Bob Nishek, 346-0476

## **Sunday, December 17**

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

South shore, moderate/3 miles

Enjoy the majestic coastline. Visit the world-class sinkhole/cave archeological site. Leader: Allan Rachap, 212-3108

## **Saturday, December 23**

### *Kealia Beach Cleanup (S)*

Sierra Club and Surfrider collaborate to protect the marine and other wildlife, the reef, and ocean from marine debris. Will you please help? Look for banners at parking lot. Bring your water and hat. We'll supply gloves, bags, and refreshments. 9am to noon. Leader: Judy Dalton, 842-1129

# Maui Group Report



## Central Maui HC&S Lands

Alexander and Baldwin has announced a plan to plant their central Maui lands (around 5,000 acres) with GMO corn, soybeans, and sorghum for animal feed or energy. Water demand and pesticide use is expected to be similar to sugar cane but labor needs would be greatly reduced. Hundreds spoke against the plan at a recent County Council presentation.

## Kanahā Park Conservation Lands

A working group continues to search for a more balanced master plan for the coastal native flora and fauna habitat. Maui Group, Maui Green and Beautiful, and others support a plan that enhances public safety and use but protects wetlands and native plantings.

## Wailea 670/ Palauea

Honua'ula Partners is requesting the Maui Planning Commission to review its request to amend its zoning conditions and allow the required 250 affordable housing units to be built offsite before the project starts to alternatively be built onsite or offsite, concurrently with market priced units. Maui Group accepted this change as part of the 2016 legal settlement agreement with Honua'ula Partners. Maui Group's hikes to the Wailea 670 lands remain very popular and volunteer trail crews have done a terrific job of keeping trails safe and useable.

## Energy Issues

Maui Group submitted comments on a proposed "MANA" plan to use biofuel to dry sludge at the Kahului treatment plant and is working to have Maui sign on to the Mayors for Clean Energy nationwide campaign.

## Kihei Mega Mall (Pi'ilani Promenade)

The state Land Use Commission declined to accept the final Environmental Impact Statement for the proposed Pi'ilani Promenade in July due to multiple concerns. Many cultural practitioners came to testify and were heard.

## Sand Mining

Maui Group supports the moratorium on sand mining proposed in the Maui County Council due to the disturbance of hundreds of traditional burials by the sand mining and construction projects in Central Maui. An op-ed was recently submitted to the local news outlets by Maui Group, calling for recognition of the central Maui Pu'u One dune system as a Traditional

Cultural Property eligible for inclusion in the National Register of Historic Places (see page 5).

## East Maui Stream Restoration

A draft decision for the East Maui streams contested case proposes about 25 million gallons a day (mgd) to be restored to streams; currently, 85 mgd go to A&B for future agriculture and up to 16 mgd go to Maui County to support their system needs. Maui Group is disappointed to see no permanent restoration proposed of iconic Honomanu stream and several others, in spite of their biological and recreational value. The state water commission will hold a hearing to determine final recommendations.

## Olowalu-Launiupoko Development

Final approval was postponed in August for a District Boundary Amendment for the first of several "fast track" partly-affordable housing projects being proposed for these rural West Maui valleys. Council members had concerns about viable water supplies. Maui Group and residents also have concerns that project's impact to roads, water, and sewage disposal are being segmented in a high risk area.

## Hāmākualoa Coastal Open Space

Join in for the fourth Saturday of the month "Mālama Days" and take care of trails and explore this beautiful land. A Master Plan process for the 265 acres should begin by the end of 2017.

## Mākena Landing Development

Maui Group and allies, Maui Tomorrow and Ho'oponopono O Makena, settled a legal challenge to the project's Environmental Assessment. The proposed 158-unit ultra luxury development has been downsized to 134 units with access to historic roads and trails restored and more fully protected cultural sites, coastal views, and public access. Affordable housing is also now required in the overall Makena Resort Master Plan. Many thanks to our attorneys Lance Collins and Bianca Isaki and to the community for their support.

## Oxybenzone Sunscreen Ban in Maui County

Studies have shown that oxybenzone-based sunscreens harm our reefs and water quality. Bills to regulate these products were held up in the legislature. Maui Group is part of an educational coalition working to support alternative products and ban oxybenzone products through passing a local ordinance.



# 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.

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

## Saturday, October 7

*Waikamoi Preserve Native Bird Outing (C/E)*

1.25 miles/moderate

Wonderful guided hike into a Native Hawaiian forest. It's a unique and special ecosystem and a great birding hike. Meet 8am at Hosmer's Grove inside Haleakalā National Park. There is a \$10 per car entrance fee to the park. Bring water, lunch/snack. Be prepared for chilly and/or wet weather. Limit 15. Leader: Rob Weltman, [robw@worldspot.com](mailto:robw@worldspot.com) or 808-354-0490

## Sunday, October 8

*Olowalu Stream Hike (C/E)*

Olowalu, 3 miles

Moderate hike but has numerous stream crossings. Hike Olowalu stream with its shaded banks and pass by some petroglyphs while driving in. Bring drinking water, stream friendly footwear, lunch, and hat. Meet 8:30am at Maui Ocean Center parking lot in Ma'alaea, near gas station. Limit 15. Contact hike leader Kalei Johnson at [kalei1908@gmail.com](mailto:kalei1908@gmail.com) or 344-0006 and leave your phone number for registration.

## Sunday, October 15

*Wailea 670/Palauea (C/E)*

South Maui, 2 miles

Newly restored loop trail across lava flows, to a cluster of cultural sites in Southeast Wailea 670 preserve. Rugged terrain. Closed shoes/boots, long pants, and good balance a must. Bring water, hiking stick, cameras.

Meet 4pm at top of Kaukahi Rd in Wailea. Limit 15. Leader: Lucienne de Naie [laluz@maui.net](mailto:laluz@maui.net) or 214-0147

## Special Event: Friday, October 20

*Nā Hoku - Star Watch at Waikapū Tropical Plantation Slopes (C/E)*

Come spend an evening with astronomer Harriet Witt and learn about the lore of our Hawaiian night sky. Bring a beach chair, blanket, and shielded flashlight.

Meet at 6pm in the main parking lot, in front of the country store. Light pupus will be served. \$5 for members, \$10 non-members. Register with [contact@mauisierraclub.org](mailto:contact@mauisierraclub.org) or 419-5143

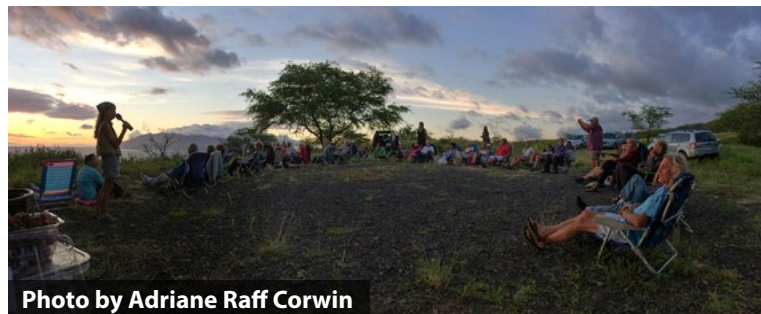


Photo by Adriane Raff Corwin

## Sunday, October 22

*Īao Valley (C/E)*

3 miles

Hike this beautiful stream trail in Īao Valley where we will pass by a small taro lo'i and a few pristine swimming holes. Come prepared for possible wet/muddy trails and bring swim gear. Meet 9:30am at Heritage Park parking lot. Limit 15. Leader: Kalei Johnson at [kalei1908@gmail.com](mailto:kalei1908@gmail.com) or 344-0006 and leave your phone number for registration.

## Saturday, October 28

*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 9am at Ha'ikū Community Center. Limit 15. Leader: Lucienne de Naie, [laluz@maui.net](mailto:laluz@maui.net) or 214-0147

## Saturday, November 4

*Kōkua Day at Fleming Arboretum, Pu'u Mahoe (C/E)*

Help maintain the Fleming Arboretum at 2600 feet in 'Ulupalakua, sanctuary to many endangered native dryland forest plants. Awesome views of La Perouse (Keone'o'io) coast and Kaho'olawe. Bring a light jacket, lunch, and gloves. Meet 9am Kēōkea Park. Estimate

# Maui Group Outings

3 hours of work. Refreshments available. A BYO lunch will be at the Fleming cabin with a great view of South Maui. Limit 20. Leader: Rob Weltman, robw@worldspot.com or 354-0490

## **Saturday, November 11**

*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 Waiehu Golf Club parking lot 8:30am to carpool. Leader: Miranda Camp, mauimiranda@hotmail.com or 868-6848. Email is preferred.

## **Friday, November 17**

*Wailea 670/Palauea (C/E)*

South Maui, 2.5 miles

Makahiki hike. Visit several ceremonial sites in Wailea 670 preserve to pay our respects. Rugged terrain. Closed shoes/boots, long pants and good balance a must. Bring water, hiking stick, cameras. Meet 4pm at top of Kaukahi Rd in Wailea. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147

## **Sunday, November 19**

*King's Highway (Hoapili Trail) to Kanaio Beach (C/E)*

Mākena, 6 miles

King's Highway from La Perouse Bay to south of major lava flow and great snorkel place. Bring lunch, water, hat, and sunscreen. Bring bathing suit and snorkel gear if you want to snorkel. Meet at Kihei Community Center at 8:30am. Leader: Rob Weltman, robw@worldspot.com or 354-0490

## **Saturday, November 25**

*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 9am at Ha'ikū Community Center. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147

## **Saturday, December 2**

*Makawao Forest Reserve - Kahakapao Loop (E)*

7 miles

Moderate to strenuous hike of big tree forest on undulating trail, estimated time at least 3 hours. Meet in the parking lot across from St. Joseph's Church on Makawao Ave at 9am. Limit 18. Leader: Kalei Johnson, kalei1908@gmail.com or 344-0006; leave your phone number.

## **Sunday, December 3**

*Launiupoko Heiau and Valley (C/E)*

4 miles

Lots of trails/Hawaiian heiau and sites hidden along the way as we hike up this iconic valley. Bring hat, sunscreen, water, lunch/snack. Meet 8am at Maui Ocean Center parking lot in Ma'alaea, near gas station. Limit 20. Leader: Miranda Camp, mauimiranda@hotmail.com or 868-6848. Email preferred.

## **Saturday, December 9**

*Old Makena-Uhupalakua Road Hike (C/E)*

Mākena, 6 miles mostly downhill

Rare opportunity. Experience this famous historic road that has been closed for all use since 1985. Downhill on switchback road (leave cars at both ends.) Bring hat, sunscreen, water, lunch/snack. Estimated time: 3 hours. Meet 8am at Mākena Landing parking lot. Limit 20. Leader: Lucienne de Naie, laluz@maui.net or 214-0147

## **Sunday, December 10**

*Kapalua Resort Coastal Trail Hike (C/E)*

3.5 miles, mostly level

Hike spectacular Kapalua Resort Coastal Trail with optional snorkel at Kapalua Bay. Meet 8:30am at the Maui Ocean Center parking lot in Ma'alaea (the end near the gas station) to carpool. If you live on the West side, meet 9:30am at D. T. Fleming Beach Park (the south parking lot) which is where the trail starts. Bring water, lunch, sun protection, camera, and optionally a swimsuit and snorkel gear. Limit 18. Leader: Rob Weltman, robw@worldspot.com or 354-0490

## **Saturday, December 16**

*Wailea 670/Palauea (C/E)*

South Maui, 2 miles

Archaeological hike with Dr. Janet Six. Visit prominent cultural complexes in Wailea 670 preserve to mark sites. Rugged terrain. Closed shoes/boots, long pants, and good balance a must. Bring water, hiking stick, cameras. Meet 3pm at top of Kaukahi Rd in Wailea. Limit 15. Leaders: Lucienne de Naie and Janet Six. Register: laluz@maui.net or 214-0147

## **Saturday, December 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 Hāmākua lands purchased by Maui County. Bring gloves/hand tools/water/hat/lunch/sturdy shoes. Meet 9am at Ha'ikū Community Center. Limit 15. Leader: Lucienne de Naie, laluz@maui.net or 214-0147





# Moku Loa Group Report

## Waikaku'u Wins! by Cory Harden

Six years of cliff-hanging drama involving concerned neighbors, developers, and the county have yielded not one, but three, landmark victories for the environment.

One, a pristine native forest at Waikaku'u in Kona, was saved. Two, counties were judged to have a duty to protect public trust resources—forests, water, land, and more. Three, community development plans were judged to have the force and effect of law.

It began when the county approved a housing development that would chop down almost every tree at Waikaku'u. Neighbors Patricia and Richard Missler were horrified. Waikaku'u hosts a forest perhaps hundreds of years old. Native 'ōhi'a trees tower over a hundred feet tall and are so thick you can't get your arms around them. Other natives flourish in the lush understory: large tall kōpiko trees, hapu'u wahine and hapu'u i'i tree ferns, ala'alawainui herbs, and 'ie 'ie vines. Native birds—'apapane, 'amakihi, 'elepaio, 'i'iwi, and more—chirp almost constantly in the treetops. Pueo, nesting i'o, and 'ōpe'ape'a have been seen.

But County staff claimed there were few significant species. There was no site visit—though the Misslers asked—no public hearing, no cultural or archaeological surveys, and no inventory of natural ecosystems.

Waikaku'u has a priority one watershed designation from the state. If most of the trees were cut, water could rush down the steep hills, preventing natural percolation to replenish underground water, and perhaps causing hazardous flooding on the highway below.

Walter Kahiwa, Jr., a former Hawaiian history teacher, observed: "If you alter the mauka forest, you will alter the watershed and its habitat, which in turn will alter the makai water sources and the offshore fishery... No forest, no water. No water, no limu. No limu, no little fish. No little fish, no big fish. No fish, no culture." (1)

The developer application failed to mention a ravine, in one place 30-40 feet deep and 100-150 feet across. Part of it would need to be filled with rocks and dirt to allow building. In time, water would accumulate, breach the fill, and generate a mud-and-rock slide that might reach the highway below.

Waikaku'u is zoned for agriculture. That allows forestry, farming, taking of game and fish, and agriculture with a farm dwelling—but not the kind of housing the developer proposed.

Lava is a hazard. One lava flow stopped just short of the mauka area of Waikaku'u and others came within a few miles, on both the north and south, within

the last century. It's lava zone 2: "subject to burial by lava flows of even small volume eruptions" at Kīlauea and Mauna Loa, and thus not eligible for Federal Housing Administration mortgage insurance. Kupuna from the area said there were many burial sites.

Determined to protect Waikaku'u, the Misslers went to the County Board of Appeals—and lost. But they sued the board and won. But county lawyers appealed, even though County Council urged otherwise. Finally, the county lost and the Misslers—and Waikaku'u—won.

Sierra Club supported the effort with testimony to County Council, the County Planning Commission, and the County Board of Appeals.

But the Misslers bore many of the legal expenses. And Patricia Missler reported "the challenge with the county pretty much took over our lives and most of our time." Their attorney, Michael Matsukawa, said "It's wrong that citizens must spend their own time and money to get county officials to do their jobs..." (2) and asked "...why did a citizen have to go through all this to vindicate this violation of the public's rights?" (3)

(1) Letter from Kahiwa to Board of Appeals, 3-5-12

(2) Residents sue over Board of Appeals ruling, West Hawai'i Today, 10-12-12

(3) Judge rules against county over Kona permit, Hawai'i Tribune-Herald, 5-2-13

## Marine Ecosystem and Climate Change Series

by Mary Marvin Porter

The Sierra Club's Moku Loa Group and council member Eileen O'Hara sponsored a three-part Marine Ecosystem and Climate Change Series, to encourage community involvement in the health of our reefs and better stewardship. On the Kona side the algae and bleaching of the coral is especially bad.

In April, the first presentation featured City College of San Francisco oceanographer Katryn Wiese who discussed coral bleaching due to ocean warming from climate change and El Nino. She said corals can recover from coral bleaching but not if in continuously warm ocean conditions.



Photo by Heather Kimball

# Moku Loa Group Report

Besides reducing carbon dioxide, we can: reduce sewage and fertilizer run-off, boost fish population of

algae eaters (parrotfish eat algae on coral reefs), reduce overfishing, reduce human damage from sunscreen chemicals, and educate snorkelers to not stand on coral. On the

Kona side, in the middle of Kahalu'u Bay, many corals are dead and worn down from snorkelers standing on them.

In May, Jason Adolf, a University of Hawai'i at Hilo associate professor of marine science, spoke of the importance of phytoplankton—tiny ocean plants that provide food for fish, consume carbon dioxide, and produce half of the world's oxygen. There is concern that ocean warming and acidification will depress the growth of plankton. Studies are being conducted to see how brackish water and fishponds (over 50 fishponds are being restored in the Hawaiian Islands) are being affected by the ocean changes, by runoff (which changes the composition of nearshore water), and by reduced rainfall.

Lastly, in June, John Burns, University of Hawai'i coral disease researcher, gave a presentation, "Coral Health Throughout the Hawaiian Archipelago." In comparing the coral health throughout the islands the stressors can be identified. Also shown was a short film "Reefs at Risk," by Malina Fagan and Lynn Pelletier, about sunscreen chemicals' adverse effect on coral reefs and marine life. Oxybenzone is especially bad. Legislation to ban oxybenzone in Hawai'i stalled in the final days of the 2017 session, but will be introduced again.

## Mauna Kea Decisions Pending *by Debbie Ward*

The decisions affecting the Mauna Kea summit region and the fate of the Thirty Meter Telescope (TMT) will play out in coming months, likely in the Hawai'i Supreme Court. In September, the Board of Land and Natural Resources (BLNR) will meet to review the recommendations of Hearing Officer Riki May Amano and hear testimony from the petitioners who spent the better part of a year making the case that more telescope development would cause untenable harm. A ruling by the BLNR is likely to be appealed to the Supreme Court, which would consider challenges to due process, implications of harm to the public trust doctrine, Native Hawaiian rights, cumulative impact to the conservation district and the historic district, and possibly "ceded" land tenure. The court found in 2011 that the BLNR had "put the cart before the horse", issuing a permit in violation of due process rights and a concurring opinion noted that public trust and native rights were also a consideration.

Meanwhile, the issuance of a sublease for the TMT will be considered in another Mauna Kea case before the Hawai'i Supreme Court. Circuit Court Judge Nakamura vacated the TMT sublease because petitioners, Flores Case Ohana and Paul Neves, represented by Native Hawaiian Legal Corporation, should have been granted a contested case hearing regarding the issuance of a sublease. The General Lease issued to the University of Hawai'i for "an" observatory expires in 2033 and no extension has been considered, pending an environmental review. Petitioners are challenging the consideration of a sublease that would, in essence, supersede the General Lease. The university appealed and the court will hear arguments in October.

Both cases must be adjudicated by the Hawai'i court and may take many months to resolve. The international consortium hoping to build the facility has obtained a permit to build the TMT in the Canary Islands and hopes to begin construction in April of 2018.



Photo by Zoe Coffman, UH Hilo Stories



Photo by DLNR/DAR

## MOKU LOA GROUP ANNUAL MEETING

Mark your calendars for 5pm on Saturday, December 2, at the first pavilion in Wailoa Park in Hilo. We'll have our annual potluck, announcement of new officers, and a speaker (to be announced).



# Moku Loa Group Outings

SEE PAGE 11 FOR GENERAL OUTINGS INFORMATION

**The Moku Loa Group Outings are now subject to "ROD Protocol" which asks participants of hikes in 'ōhi'a forest to wear clean clothes and scrub their boots, then spray with alcohol. We will publish notice of ROD prone areas in outing description. This preventative procedure is best done at home before reaching the area but leaders will have needed items at meeting places. Please help us protect our precious forests.**

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

## **Saturday, October 14**

*Pu'u Maka'ala NAR (E)*

Ka'u District, moderate/5 miles, 4,600 ft

Hike in a Hawaiian rainforest of dense hāpu'u and 'ōhi'a on this easy paced hike. Cooler temperatures prevail and the trail is often muddy but the native plants and birds make it interesting. Bring water, a rain poncho, mosquito repellent, and lunch. Group size is limited and ROD protocol should be followed. Leader: Sunny LaPlante, 964-5017

## **Saturday, October 21**

*Kīholo Fish Pond Service Project (E/C/S)*

North Kona District, moderate service work/1 mile, sea level  
Join The Nature Conservancy for a day of service at Kīholo fish pond. With your kōkua we will be revitalizing the ponds by removing invasive vegetation in and around the pond and clearing debris. The work will end with a cultural sharing of food and stories. Swimming and snorkeling are optional after lunch. Be sure to bring lots of water and sun protection. Please call leaders early to reserve. Leaders: Diane Ware, 967-8642 or Sarah Moon, 935-3475

## **Saturday, October 28**

*Kaloli to Hā'ena (Shipman Beach) (E)*

Puna District, easy/6 miles, sea level

Hike on a historic trail in Puna from Paradise Park to the beach at Hā'ena. The trail used to be an inland carriage road. At Hā'ena Beach, we will see nēnē at the Shipman estate and swim with the turtles. Bring water, a rain poncho, a swimsuit and lunch. Leader: Linda Larish, 966-6337

## **Don't miss the Sierra Club Garage Sale!**

### **Saturday, November 4**

8am to 2pm, 11 Ala Muku Street, Hilo

Directions: go 3 blocks up Haili St. from Lyman Museum. Turn left on Laimana St. (at "Veterans Cemetery" sign). Go a short block and turn right on Ala Muku. 2nd house on left, blue with a taste of peach and orange. You'll be glad you came! Call Gary 238-5031 with unbroken items and only clean clothes to donate.

### **Sunday, November 14**

*Pepe'ekeo Cliffs Hike (E)*

South Hilo District, easy/3.5 miles, 250 ft

This will be an afternoon hike that is scenic and easy paced. We will hike along the Hāmākua Cliffs. Not for those afraid of heights. We will show you where there is public access so that you can enjoy the ocean vistas. Hikers need to wear sturdy shoes and bring drinking water. Leaders: Michael and Sunny LaPlante, 964-5017

### **Saturday, November 18**

*Kaūmana Trail Hike off Saddle Road (E/C/F)*

North Hilo District, moderate/3.5 miles, 5,000 ft

This will be a moderate interpretive hike on an old trail that parallels Saddle Road below Pu'u O'o Trail. We will look for birds, endemic insects like the happy face spider and native plants in kīpuka along the way. Bring rain gear, snacks, binoculars, and water. ROD protocol required. Leaders: Sarah Moon, 935-3475 and Diane Ware, 967-8642

### **Sunday, December 31**

*HVNP Crater Rim Hike (E)*

Volcano, easy/4 miles, 3,800 ft

Join us for an easy New Year's Eve hike from Volcano House to Jagger Museum along Kīlauea Crater to view Halema'uma'u and back by sulphur banks. Optional crater viewing and pupu's at Volcano House around sunset. ROD protocol required. Leader: Diane Ware, 967-8642

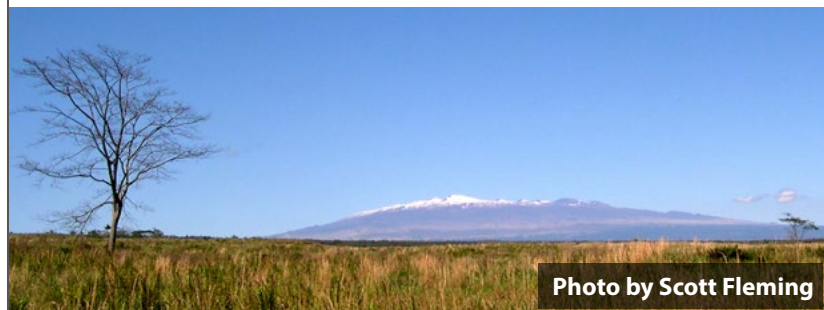


Photo by Scott Fleming

# Is your sunscreen killing the reef? Check the ingredients!

by *Adriane Raff Corwin*, Maui Group Coordinator

Coral reefs create a habitat for thousands of animals. Without the reef, ocean ecology falls apart. And lately, the reefs around Hawai'i have been dying at alarming rates. When coral is stressed it loses algae (that gives it its color) and becomes bleached; if the coral doesn't de-stress fast enough it will die.

Studies have shown that active ingredients in chemical-based sunscreen, such as oxybenzone and octinoxate, cause major coral stress—contributing to Hawai'i's decline in coral reefs. Based on this scientific evidence, starting in 2016 the Hawai'i Department of Land and Natural Resources began to urge people to stop using oxybenzone-based sunscreens. However, at the state legislative level, our lawmakers failed to pass a handful of bills aimed at restricting these chemicals during the 2017 session. Sierra Club Maui Group decided we can't wait for the state to take action - it's up to us! We're banding together with others to pass county legislation that will restrict the sale of coral-killing sunscreen.

We urge all Sierra Club of Hawai'i members to look at the ingredients in your sunscreen: does it contain oxybenzone, octinoxate, homosalate, octocrylene, avobenzene, or nanoparticles? If so, its contributing to the problem! Instead to protect yourself from the sun wear rash guards, hats, and clothing coverups that leave nothing behind in the ocean. When you must wear sunscreen, opt for a mineral-based lotion made with non-nanoparticle zinc-oxide and/or titanium-dioxide. And always make sure to check the ingredients, don't just trust a product with a "reef safe" label on the front. There's no official organization responsible for that "reef safe" label, so any company can use it. With your help, we can protect the reef. Tell your friends and family about toxic chemical sunscreens and support local legislation to make #OxybenzoneFreeHawaii a reality!



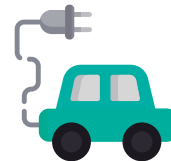
## Legislative Review: what to expect this coming regular session

We're gearing up for the 2018 Legislative Session. Not only are we advancing bills that didn't pass last year's session, but we're introducing new bills to protect our environment. Here's a brief summary of bill topics to keep your eye on:



**Managed Retreat:** With sea levels rising quicker than anticipated, lawmakers will consider several pilot approaches to encourage critical infrastructure be relocated inland.

**Clean Transportation:** We are determined to have a fossil-fuel-free ground transportation system by 2045.



**Trails and Parks:** Our most precious natural areas are chronically underfunded and overused. The Sierra Club looks forward to supporting proposals to dedicate new funding to better manage our trails, parks, and beaches.

**Ban on Killer Sunscreen:** Oxybenzone and other chemicals pose a risk to fragile reef environments. We are continuing to support legislation that prohibits the sale of sunscreen containing these harmful ingredients.





# Congratulations Dr. Griffin! Now the real work begins

*By Will Giese, Chapter Energy Committee Chair*

Thanks to the dedication and support of Sierra Club members and people interested in the future of Hawai'i's energy economy, Dr. James P. Griffin was unanimously confirmed to the Hawai'i Public Utilities Commission by the State Senate in August. Dr. Griffin had over 30 pages of testimony in support, submitted by Sierra Club members, environmental groups, academia, industry, and individual citizens. In the words of Sierra Club's testimony:

*"Dr. Griffin has the expertise and institutional knowledge to shepherd Hawai'i through the next phase of our clean energy transition."*

As we communicated to our membership earlier in August, Dr. Griffin has been involved in Hawai'i energy policy for most of his professional career, as well as having been involved in thought-provoking analysis and academic research at a variety of academic institutions. His work, especially in renewable energy, with the Hawai'i Public Utilities Commission's whitepaper "Inclinations on the Future of the Hawaiian Electric Utility" serve as benchmarks for progressive energy policy-making.

As someone who is deeply involved in this conversation, I have the utmost respect for Dr. Griffin's work ethic and character. There are very few people more qualified to do the type of work that is needed to meet our state's aggressive goals. Additionally, I believe one's character can be judged in part by their leadership, and in that Dr. Griffin continues to excel. The current research and policy staff at the Public Utilities Commission are all there because of Dr. Griffin, and they are an outstanding collection of young, brilliant, progressive thinkers who do not get nearly as much credit as they deserve.

Hawai'i faces many challenges as we continue to build out renewable energy and push ever closer to our goal of a 100% renewable portfolio standard by 2045. Dr. Griffin will have his work cut out for him as issues like grid modernizations, renewable generation portfolio mixes, and smart distributed resource integration become part of Hawai'i's energy conversation.

It's important to remember that Dr. Griffin was appointed by the Governor, who was elected by the people of Hawai'i. He works for us, which means to me that Dr. Griffin's first and most important job is to work tirelessly for what is right and in the public good. I truly believe that he is the right man for the job, but it is on us to hold him to it. I certainly will be, and so should you.

# EIS Regulation Changes

The Environmental Council is considering an overhaul of the regulations implementing Hawai'i's hotly debated environmental impact statement law, Chapter 343. Originally written in 1996, Hawai'i Administrative Rules sec. 11-200 was intended to provide step-by-step directions on the completion of all state environmental impact statements, environmental assessments, and exemptions. After two decades of heavy use, and a few legal challenges, the time has come to update these regulations to reflect case law and industry best practices.

Changes being proposed include:

- Adding a new section regarding "Programmatic Environmental Impact Statements."
- Adding definition of "substantial commencement" for a project, meaning it would no longer require supplemental review.
- Incentivizing agencies to use exemption lists by removing requirements for documentation and consultations for those exemptions properly issued using lists okay'd by the council within 5 years.
- Allowing agencies or applicants to group similar comments from the public to simplify published responses.

The Sierra Club raised concerns about one proposed change to remove "cultural resources" from the list of triggers requiring an EIS under HAR §11-200-12(b) (1). Members of the Environmental Council also shared the Club's concern. It was explained that removing the language was premised on the goal of more closely aligning the regulations with its enabling statute, which defined "cultural practice," not "cultural resources." Retaining the language, we argued, was nonetheless important because it is possible to have a cultural resource on private land with no actual cultural practice due to a lack of access to the property. Destruction of that cultural resource could still be significant without an active practice associated with it. After the discussion, "cultural resources" was re-inserted into the proposed rules.

Office of Environmental Quality and Control Director Scott Glenn has outlined a process for early and often engagement of anyone interested in the changes to the regulations, as well as key practitioners of the rules. Expect the proposed rule changes to be on the Environmental Council's agenda through November 2017. This early engagement will be followed by a formal rulemaking process with public hearings and comment periods. The dates for the formal rulemaking process have not yet been published. Anyone interested in following the changes in these very important regulations should review the OEQC website and sign up for updates:

[health.hawaii.gov/oeqc/rules-update/](http://health.hawaii.gov/oeqc/rules-update/)

# Our Humble Bright Stars:

## Hawai'i's Own Win TWO Sierra Club National Volunteer Awards

### The One Club Award goes to Randy Ching

This award honors club members at any level who have used outings as a way to protect or improve public lands, instill an interest in conservation, increase membership in the Sierra Club, or increase awareness of the Sierra Club.

Randy Ching won the prestigious One Club award at the annual membership gala of the national Sierra Club. No stranger to the trail or the Capitol, Randy is known for his amazing stamina in the forest and in the hearing room. He helped build the Maunawili Falls trail, maintain the Mānoa Falls trail, and pick up trash along Sandy's beach. He sparked a revolution for recycling with his famous letter to the editor demanding the legislature pass a Bottle Bill, outlasted lesser testifiers at marathon hearings on clean energy policy, and continues to this day pushing lawmakers to take immediate action on sea level rise. For more than 30 years, Randy has helped to bridge the unique worlds of outings and advocacy at the Sierra Club of Hawai'i. And for that we are eternally grateful.



### David Kimo Frankel receives the Miller Award

The Susan E. Miller Award honors administrative contributions to groups, chapters and regional entities.

David Kimo Frankel was acknowledged by the National Sierra Club board for his commitment to the Sierra Club beyond his years as staff in the early 1990's. Kimo stayed connected with the Club as a volunteer Executive Committee member now and then over many years. He served as Executive Committee Chair in 1999, 2000, 2003, 2015 and 2016. Known for his brutally efficient meeting style, Kimo guided our Chapter through many tough debates, complex environmental litigation, and the hiring of key staff people. His dedication to the Club continues on in the form of low-bono legal work as our attorney. Never short of opinions, insights, or ideas

(good and bad), Kimo has been a true asset to our Chapter over the many years. His service continues to advance the best interests of the Chapter and the people of Hawai'i. Thank you.



Photo by Marti Townsend

## 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)



# Hiker Blues

by Colleen Soares, O'ahu Group Outings Chair

You wake up early, excited and looking forward to the day. You eat and dress quickly, grab your water and pack, and head for the hills. You're going hiking, to the top of the Pali! And you're pumped! You park in a residential area, houses all around, see a friend, climb out, slam the door, and holler good morning. You're excited and talking loudly as you walk four blocks to the trailhead, past other houses. It is Saturday, 8am.



Photo by Erik Flynn Patton

Meanwhile...on the other side of the door... you are deeply asleep when you are awakened sharply by loud talk and car doors slamming outside your bedroom window. The clock says 8am. You are exhausted, and all week, you've been looking forward to the one morning you can sleep in. But the noise continues, and now you are fully awake. And angry! You look outside and shake your head. It's those damn hikers again!

Problems such as this by a few inconsiderate hikers, means that others may be penalized with closed trails. The Department of Land and Natural

Resources (DLNR) receives the brunt of complaints. Some hikers talk loudly, slam car doors, park too close to driveways, use water hoses in residents' yards, and track mud across lawns and sidewalks. Hikers need to remind each other to be courteous, because we are human and we forget, especially in the exuberance of an early morning excursion with friends. Trail users need to remember to close car doors quietly, keep voices low, park responsibly, and carpool when possible. Cars have been ticketed near the Kuli'ou'ou trailhead. Who knew that parking less than four feet from a driveway could get a \$35 fine? Parking rules are sometimes only enforced when people complain. An online publication might help: [bit.ly/honoluluparkingguide](http://bit.ly/honoluluparkingguide)

The problem is too many people and not enough money for DLNR to do its mandated jobs. Hawai'i is densely populated, ranking 13th in the nation, and Honolulu County is much more dense with 70% of the state population and 1,500 people per square mile. More and more people are realizing the benefits of hiking, and some trails are highly used. Also, many tourists, from the 9 million visitors each year, drive rental cars to trails. Parking is one major problem that could be alleviated with funding, and if there was a parking area, signs could be placed to remind people to keep voices down when walking to the trailhead. Trail users want access to trails, safety, and parking. One long-time hiker and trail builder says parking areas are needed at Kuli'ou'ou, and at Maunawili, Mānana, and other state Nā Ala Hele trails that only have street parking.

DLNR cannot do the whole job. The Department has huge responsibilities and needs a bigger share of state funds in order to protect and conserve our gorgeous paradise. As its website reads, "DLNR is responsible for 1.3 million acres of state land, 3 million acres of state ocean waters, 2 million acres of conservation district lands, our drinking water supply, our fisheries, coral reefs, indigenous and endangered flora and fauna, and all of Hawai'i's historic and cultural sites." And yet, the total DLNR operating budget "adds up to less than 1% of the entire state operating budget..." [bit.ly/DLNRbudget](http://bit.ly/DLNRbudget)

This year, a bill will be put forth to increase funding for DLNR so that they are able to address some of these issues. It is very important for your voice to be heard. Stay tuned to the Sierra Club of Hawai'i website for more information for when your support will be needed.



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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Card Number \_\_\_\_\_ Exp. Date \_\_\_\_ / \_\_\_\_

Signature \_\_\_\_\_

Membership Categories	Individual	Joint
<b>Special Offer</b>	<input type="checkbox"/> \$ 15	N/A
Standard	<input type="checkbox"/> \$ 39	<input type="checkbox"/> \$ 49
Supporting	<input type="checkbox"/> \$ 75	<input type="checkbox"/> \$ 100
Contributing	<input type="checkbox"/> \$ 150	<input type="checkbox"/> \$ 175
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
Limited Income	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35

Contributions, gifts & dues to Sierra Club are tax deductible; they support our effective, citizen based advocacy & lobbying efforts. Your dues include \$ 7.50 for a subscription to SIERRA magazine & \$ 1.00 for your Chapter newsletter.

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or visit our website: [www.sierraclub.org](http://www.sierraclub.org)



# Nate's Adventures

## *Cyanea superba* in the Wai'anae Mountains

Photos and text by Nathan Yuen

*Cyanea superba* is one of the successful conservation stories where a rare Native Hawaiian plant was saved from the brink of extinction. *Cyanea* has more than 70 species endemic to the Hawaiian Islands — the largest and most morphologically diverse genus in the Hawaiian lobelioids.

*Cyanea superba* — also known as the Mt. Ka'ala *cyanea* or superb *cyanea* — has a long stalk up to 20 feet high with a shock of leaves on top that makes the plant resemble a palm.



Hāhā is the generic Hawaiian name for *Cyanea*. *Superba* is endemic to the island of O'ahu but is now extinct in the wild. Seeds were collected from the last plants, reared in the greenhouse, and then outplanted behind fenced enclosures in suitable habitat. It is on the federal list of endangered species and on the IUCN Red List.



*Superba* was first discovered in the 1850's and then was not seen again until its rediscovery in 1971. In the 1970s about 60 plants were counted. By the time the plant was listed as endangered in 1991 there were only 20 individuals left. These slowly disappeared and the last plant died in 2002. Loss of habitat, loss of pollinators, and invasive species like pigs, goats, and slugs are responsible for pushing the plant to extinction.

*Superba* produces multiple flower stalks, known as peduncles, that dangle under the leaves at the top of the plant. The 3-inch long flowers are white with an ever so slight greenish tinge. When the flowers first open, pollen is released by "brushes", the male part of the flower at the tip of the flower. Only later does the stigma, the female part of the flower, emerge which must be pollinated for seeds to develop.



The flowers were pollinated by native birds and insects and the decline in their numbers has hampered the plant's comeback. Botanists have been visiting the plants regularly to pollinate flowers by hand and collect seeds. Due to efforts to bring the plant back more *superba* seeds have been collected, reared in the greenhouse, and outplanted in the field. Here's hoping their numbers make a big comeback!

**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).



# Resolved: I Will Have One Year Car-Free

by Gary Harrold, Moku Loa Group Volunteer

I am 72. I live in Hilo, Hawai'i. Since junior high school I have bicycled, lots. So why stop now? As a proud environmental radical, I am alarmed by these facts:

"...the great bulk of heat-trapping emissions—more than 19 pounds per gallon—comes right out of a car's tailpipe." (1)

"Nearly one half of all Americans—an estimated 150 million—live in areas that don't meet federal air quality standards. Passenger vehicles and heavy-duty trucks are the main sources of this pollution, which includes ozone, particulate matter, and other smog-forming emissions." (2)

The Guardian news reports, "In an agreement struck with automakers in 2012, the Obama administration required that cars run 54.4 miles per gallon of fuel by 2025. This standard, up from 27.5 miles per gallon, would reduce greenhouse gas emissions by 6bn tons over the lifetime of new vehicles and save 2m [million] gallons of oil per day by 2025. In the final month of Obama's presidency, the EPA affirmed in a midterm review that automakers are 'well positioned' to meet the new standard." But, not concerned that personal vehicles are a major cause of global warming, Trump wants to roll back vehicular fuel efficiency standards to pre-Obama times. (3)

This does not comply with my values. I want no part in it. Now in summer our temps are in the eighties and I still find cycling more satisfying than driving a vehicle. I hear birds, feel the air on my naked torso, notice weirdly landscaped front yards, always find parking and wave at fellow bikers and pedestrians. I pick up plastic bottles, aluminum cans, pancake flat T-shirts, and littered styrofoam items. Why wait until it washes to the seaside?

I like what Thoreau said, "I make myself rich by making my wants few." Becoming a minimalist takes practice. It is not always easy in our consumer-obsessed society. Sometimes when I have low energy, I'd like to drive, not bicycle, to a gorgeous beach for a swim. I find not getting to sit in a soft comfy car seat rather a bummer. This is a perfect segue to: learning to adapt to what is. Having desires for going places, for food, for comfort, for distractions is ordinary and normal thinking. I am learning not to react to what my brain suggests; I'm practicing being calm, relaxed and satisfied with what is. Learning to be resourceful, to default to home improvement projects, a fitness endeavor, reading, reaching out to someone—perhaps in need—or doing art or a writing project that can too, be salubrious. I love the teachings of Eckhart Tolle. He says, "Be still. Be aware of how your inner body feels. The breath brings you into the sacred present moment." I feel compulsivity dissolving. My mind—maybe yours, too, is a searching machine. A busy signal has run me for years. But the times, they are a changin'.

And I can thank myself for these changes, made possible in part, by not having a vehicle to drive! I need not elaborate on the initial cost of the vehicle, the cost-saving in gas, repairs, registration, insurance.

I do empathize with many people who would like to reduce or eliminate their driving. They cannot because of distances to work, shopping, schools, recreation, or physical limitations. I chose to live close to downtown Hilo, the gym, medical professionals, a swimming pool, beaches, yoga studios, and organic food outlets. Walkability and sustainable living includes living conveniently close to daily activities. Thus urban infill and downtown multi-use residential/business structures reduce vehicular impacts. Walkable cities, vehicle-free streets dotted with parklets, bike sharing stations, attractive public meeting spots for children, old folks and everybody in between makes living 'close in' much more inviting. As I age, I advocate for more sitting areas, where snacking and people-watching lubricates the soul.

Hearing noisy vehicles and breathing diesel fumes is becoming a thing of the past. For increased business in downtowns, county/city governments could encourage quieter and greener streets.

## What you can do:

- **Rideshare/carpool; get to know your neighbors, build community!**
- **Consider going on a public transport staycation. Put your bike on the bus.**
- **Learn to 'do without,' i.e., practice simplicity. Run errands with friends.**
- **Talk to a friend, confide in a therapist, join a therapy group if you feel frustrated by not driving as much as you might like to. Emotions are real; don't 'white knuckle' it alone.**
- **Contact local governments about allocating more space for bike lanes.**

In closing, I am fortunate to have a rebel spirit within. Not subscribing to the S.A.D. (standard American diet), not wanting TV to bore me, rejecting cell phone devices, and vehicle ownership are all part of knowing and loving who I am. Physical, emotional, spiritual and financial health are all hobbies of mine. May goodness sprinkle you with kindness.

I have ten more months of being car-free. A whisper inside me says, "Humm, maybe you will never drive again."



Photo by Gary Harrold

(1) Union of Concerned Scientists website, [bit.ly/USCUSA-ce](http://bit.ly/USCUSA-ce)

(2) Union of Concerned Scientists website, [bit.ly/USCUSA-ap](http://bit.ly/USCUSA-ap)

(3) Trump begins rollback of Obama's car pollution standards to curb emissions, *The Guardian*, 3-15-17, <http://bit.ly/TG-cp>

# The Central Role of Justice in Climate Adaptation

By Marti Townsend, Hawai'i Chapter Director

As climate change takes hold, we all struggle to adapt. For most, changing our way of life is inconvenient but not identity-threatening. Yet, for Native Hawaiians—and polynesians throughout the Pacific—climate change exacerbates already significant challenges to culture, identity, welfare, and self-determination. This is because indigenous cultural identity is so fundamentally connected to nature.

## **Ho'okahi no ka 'āina a me na kānaka: the land and the people are one.**

Natural resources are the foundation of every aspect of the traditional Hawaiian way of life—ways of being that continue to thrive today. From traditional taro-farming that relies on free-flowing streams, to traditional salt-making that relies on long, dry summers along flat shorelines, to gathering of native species for food, medicine, and hula, the natural resource is the cultural resource and vice versa.

## **Ma ka hana ka 'ike: the knowing is in the doing.**

Sadly, when the connections to these natural resources are lost, the threads of cultural identity are broken. When species goes extinct, the 'olelo around it slowly dies, as do the skills and practices associated with it. Climate change risks a special kind of cultural erasure for indigenous people in Hawai'i and around the world.

## **What are the policy implications for Native Hawaiians harmed by climate change?**

According to Professor Kapua'ala Sproat at the UH Richardson School of Law, Hawai'i has a moral and legal obligation to support the perpetuation of traditional and customary practices threatened by climate disruption.

She writes in *"An Indigenous People's Right to Environmental Self-Determination: Native Hawaiians and the Struggle Against Climate Change Devastation,"* that "for Kānaka Maoli, who are inextricably bound to the Hawaiian Islands, climate change imperils both their traditional homelands and their identity as indigenous people. In the face of this grave threat, Kānaka Maoli and other indigenous people around the world continue to rise up in the struggle for environmental and cultural justice."

Professor Sproat encourages us to rely on the constitution to address the current and future harms of climate change. Her article documents the ravages of western colonization in Hawai'i, and then the creative use of human rights and restorative justice concepts to address those longstanding injuries. From there, she applies these concepts to climate change so we can understand the ongoing legal and moral obligations to interests of the public and Native Hawaiian's going forward.

Since western colonization, Native Hawaiian cultural identity, welfare, and self-determination have suffered. Sugar plantations diverted public streams for private profit, upending traditional farming practices and entire traditional communities. Privatization of land interrupted public access to traditional gathering, hunting, and fishing areas, further undermining the Hawaiian way of life. Hawaiian language and traditional dance were outlawed. The Kingdom of Hawai'i was illegally overthrown by U.S.-backed business interests in 1893.

Nearly a hundred years later, the people of Hawai'i sought to begin the process of repairing the enduring harms of colonization with policies safeguarding traditional and customary practices, and elevating the public's common interests above private, profit-seeking interests. This new constitution pulled heavily on early concepts of restorative justice and established human rights law. The public overwhelmingly ratified the visionary constitution in 1978.

Hawai'i's highest court fully embraced this restorative justice mandate, making clear that a state agency "must not relegate itself to the role of mere umpire passively calling balls and strikes for adversaries appearing before it, but instead must take the initiative in considering, protecting, and advancing public rights in the resource at every stage of the planning and decisionmaking process."

This framework provides some guidance for Hawai'i decision-makers confronting the new ravages of climate change. As we work to address the historic injustice of diverted streams and denied access, we can apply the same thinking to prevent injustice due to reduced rainfall, rising sea levels, and saltwater intrusion.

Invoking long-time indigenous legal scholar, Professor Rebecca Tsosie, the article goes on to argue that "recognizing a right of environmental self-determination that preserves the relationship between indigenous peoples and their traditional lands for cultural and moral reasons.... recognizes that justice must play a central role in addressing the consequences of climate change."

As we confront the uncertain future that climate change has triggered, we must be certain to fully embrace justice in every decision we make. Public policy decisions must be made in full recognition of the disproportionate harm climate change causes Native Hawaiians. With this commitment, we can ensure that those most threatened by climate disruption are well-protected, which in turn ensures our collective interests are also better protected.

**Read Professor Sproats full article at [bit.ly/Sproat0616](https://bit.ly/Sproat0616)**



## Vote for your Sierra Club leadership!

### Hawai'i Chapter Executive Committee Candidate Bios

***Seats will be filled by the top four candidates. Please vote for no more than four candidates.***

#### **Randy Ching**

I've been a volunteer for 25 years and have held almost every position in the Club. If elected I would work on climate change adaptation, water protection, and to engage more members in service projects and outings. Currently, I am working on increasing DLNR funding for maintenance of trails, beaches, and state parks—I believe more funding should go to DLNR than to the Hawai'i Tourism Authority. Dave Raney and I are also working with the law makers on sea level rise adaptation.



#### **Lucienne de Naie**

Lucienne de Naie is a policy analyst and grant writer who lives in East Maui. She is a longtime Sierra Club hike leader and conservation policy advocate. She currently serves as co-vice chair of the Hawai'i Chapter and Council Delegate. Lucienne hopes to continue her service on the Chapter ExCom to support the Chapter's work on stream restoration and protection of watersheds and native habitat areas.



#### **Sheila Sarhangi**

Sheila Sarhangi is a strategist, organizer, and writer who specializes in achieving conservation goals. She has worked on a wide range of issues across the Pacific, from endangered species protection to community-based fishing rules and the



successful expansions of Papahānaumokuākea and the Pacific Remote Islands Marine National Monuments. She has served on the ExCom for 6 years, and is the current Chapter Chair. If elected, she will continue to ensure that the chapter focuses its attention on ocean conservation issues.

#### **Doorae Shin**

Doorae Shin currently serves as Secretary on the Executive Committee of Sierra Club Hawai'i. She hopes to offer holistic environmental solutions and represent the perspectives of younger generations. She is the Plastic Free Hawai'i Program Manager at Kōkua Hawai'i Foundation and previously worked as Student Sustainability Coordinator for the University of Hawai'i. Doorae has years of experience in environmental activism and community organizing. She is passionate about solutions to food sustainability and plastic pollution.



#### **Colin Yost**

Aloha all. I currently serve as a Vice-Chair of ExCom, and I'd appreciate your support to continue elevating the urgency of pursuing climate change mitigation and adaptation in Hawai'i and globally. Climate impacts on Hawai'i's ecology and society could be devastating, and because everyone loves and thinks of Hawai'i as a paradise, we may be able to influence national opinion and policy. I'm an attorney by training and am currently COO and part-owner of RevoluSun.



## O'ahu Group Executive Committee Candidate Bios

***Seats will be filled by the top four candidates. Please vote for no more than four candidates.***

### **Anny Barlow**

Anny moved to O'ahu in 2001 and received her BS in Oceanography, minoring in Mathematics at HPU. From 2007-2017 she was migratory, traveling abroad as a kitesurfer while also engaged in business intelligence. From 2011 and still running, she represents a firm in Zurich supplying data on controversial business activities globally to big banks and MNCs. Locally, she's employed in the realm of wastewater management and cleaning up the effects on our ocean.



### **Doug Fetterly**

I am detail-oriented, thorough, dependable. Chair for the Sierra Club National Marine Team (ocean and coastal conservation). Chair for the Sierra Club International Team. I have travelled widely. Former Systems Manager for USA Today Northern California. International ocean work. Lobbied Congress in D.C. to stop offshore oil. Former vice-chair for the Natural Resources Commission, City of Davis, CA. Former Board member for a non-profit in Sonoma County, CA. Mahalo for your consideration!



### **Hunter Heavilin**

Hunter Heavilin currently serves as Secretary of the O'ahu Group Executive Committee. He grew up in Hawai'i and is pursuing his PhD in Geography, researching Hawai'i's agricultural land use and climate change. He works as an agricultural planner and spearheads O'ahu Group's efforts to preserve agricultural land and support local food.



### **Rob Kinslow**

Years ago, Nature called; I raised my hand. Organic farmer, aerospace systems engineer, science/engineering educator, and human. Scores of environmental action campaigns self-funded. Writes and speaks on climate change solutions, systems complexity, change leadership. Areas SC Hawai'i could improve? Build environmental leadership more broadly, deepen coalitions, increase fundraising & membership engagement. Sustaining member Sierra Club of Hawai'i & O'ahu Group ExCom volunteer. For more, join my LinkedIn network or website at [robertkinslow.com](http://robertkinslow.com)



### **Leilei Shih**

Leilei Shih is an oceanographer specializing in marine conservation and coastal ecosystems under the pressures of invasive species and climate change. In her 5 years with Sierra Club she has been instrumental in Oahu's plastic bag ban and University of Hawaii's StyroFoam ban and fossil fuel divestment. Leilei organized a Knowledge Cafe, beach cleanup, and hikes for the IUCN World Conservation Congress. Her upcoming initiatives would include increasing electric vehicle infrastructure and coral reef conservation.



### **Sai Okuyama Weiss**

As your newly appointed Treasurer, I manage our finances and help implement our fundraising plan. I have also advocated in support of various environmental related issues at the State Capitol and directed/produced a video ad that will boost donations and volunteers for our club. If elected, I will continue to manage our finances as our Treasurer, create new programs that will increase funding, and continue to advocate on pressing Sierra Club issues. Mahalo for your support!





## Kaua'i Group Executive Committee Candidate Bios

**Seats will be filled by the top three candidates. Please vote for no more than three candidates.**

### Judy Dalton

Judy Dalton has served on the Kaua'i Group Executive Committee for 24 years and served on the Chapter Executive Committee for 17 years. She facilitated the cease of construction of a 3/5-mile-long beach-destroying seawall fronting the Wailua Golf Course in 1996. She initiated formation of Mālama Māhā'ulepū in 1999; and succeed in legally challenging the Planning Commission to increase coastal setbacks for a development at Donkey Beach.



### Nina Monasevitch

Nina Monasevitch serves on the Hawaiian Islands Humpback Whale National Marine Sanctuary Advisory Council. She served as a Board member of the Hawai'i National Marine Sanctuary Foundation. Nina co-founded a non-profit organization to be a voice for the whales. She is co-founder of The Kapaia Foundation. She's a longtime advocate for marine conservation dedicating 27 years of research documenting the state of the ocean ecosystem. She served on the Kauai Group ExCom in 1987.



### Juan Wilson

Juan is an architect/planner serving the Executive Committee of the Kaua'i Group for over a decade. He publishes IslandBreath.org. He is active in the Hanapēpē-'Ele'ele Neighborhood Association advocating for restraining suburban development. He worked with the Kekaha Hawaiian Homelands Association planning a sustainable homesteading community approved by on DHHL land at Pu'u 'Opae. He mapped the ahupua'a and moku of Hawaiian Islands for the 'Aha Moku Council through WesPac and NOAA.



### David Dinner

David Dinner has served on the Kaua'i Group Executive Committee for 8 years. He has also served as president of 1000 Friends of Kaua'i (now treasurer), co-chair of the People for the Preservation of Kaua'i, co-chair of Citizens for Responsible Government and is currently involved in a community action to Fix the Plan designed to help the Kaua'i County Council correct many deficiencies in the 2017 Kaua'i Draft General Plan.



## Why Vote? by Reese Liggett

Good question. Seems like every election, of most any kind, gets less than desired participation. Participation is the same as showing up—Woody Allen says it most succinctly: 80% of success is showing up. Now, success means different things to different people—but no matter what our take on it is—we all want (and need) success.

So the #1 reason for showing up to vote—it's part of being a success. Something we all want. For example, we all feel that it is important that the Sierra Club be a success—because the environment is where we live. And wild places give meaning to where we live.

And my oh my do we ever expect the Sierra Club to show up. That's why you and I are members. We know that we cannot count on bureaucrats or politicians or developers and landowners to look out for the environment. But, we can count on the Sierra Club. The club is the biggest and best at looking after wild places and the environment—the key interests of every Sierra Club member.

And the Sierra Club is made up of us, the members—the club is only as good as we are, the sum of our good traits—like consciousness, awareness, appreciation, discipline, caring, responsibility, loyalty—our values. When we vote, we are telling the Sierra Club that we value it—and in return, the Sierra Club can continue to work hard for its members.

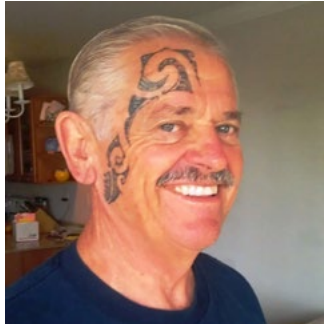
**Now is the time to show up—GO VOTE!**

## Maui Group Executive Committee Candidate Bios

***Seats will be filled by the top four candidates.  
Please vote for no more than four candidates.***

### **Robert Aldrich**

Robert Aldrich of Kihei is a retired California Fish & Wildlife Environmental Crimes Task Force Lead Investigator enforcing Clean Water Act and air quality statutes. He is a stream alteration, restoration and hydrologic engineering specialist seeking to help Sierra Club work on clean water and cultural protection issues and better stream protection laws. Robert was active with the 'Aha Kiole Council in Moloka'i and is currently involved in Kula Kai 'Aha Moku Council in South Maui.



### **Stacia Ash**

Stacia Ash has spent thirteen years at Maui County Department of Environmental Management, Recycling Section, managing recycling programs, contracts and facilities and offering technical assistance and resources to the community. Stacia has a B.S. in Environmental Science with an emphasis in Sustainable Community Development. Stacia currently serves as Secretary of the Maui Group Excom and looks forward to offering her expertise in solid waste planning and solutions (like the styrofoam ban) to the Sierra Club.



### **Chuck Chimera**

Chuck Chimera has actively worked to protect Maui's native ecosystems for over 25 years as a researcher and resources management employee with Haleakala National Park, UH botany grad student, and current state invasive plant specialist. Chuck has first-hand knowledge about the threats to Hawaii's natural resources he can put to work as a Sierra Club board member, to support watershed protection and promote the strengthening of biosecurity measures for Maui and the state.



### **Kim Toomey**

Kim Toomey is an active community volunteer and avid hiker who owned and managed a successful multi-million dollar business before moving to Maui five years ago. She also has experience as a director of project management. Kim looks forward to serving on the Maui Group Excom where she can contribute her professional skills in decision making, budgeting, presenting, and negotiating to help protect this unique and beautiful island.



### **Rob Weltman**

Rob is a retired software engineer with a lifelong love for the outdoors and for preserving and securing an environment that will sustain the plants and animals of our shared earth and the people who walk it. He sees bringing people of all ages and backgrounds into nature to experience the outdoors first hand a key element of building broad support for the action required to safeguard our natural resources.



**Don't forget - 2018 Executive  
Committee ballots are  
electronic ONLY!**

**There will be no paper ballots mailed or  
in the newsletter.**

All candidate bios are also available online at [sierraclubhawaii.org/excombio18/](http://sierraclubhawaii.org/excombio18/)

If you have any questions or trouble with your ballot contact us at 808-538-6616 or [hawaii.chapter@sierraclub.org](mailto:hawaii.chapter@sierraclub.org).

Elected candidates will be announced in the January 2018 Mālama i ka Honua.



## Moku Loa Group Executive Committee Candidate Bios

***Seats will be filled by the top three candidates. Please vote for no more than three candidates.***

### Emily Garland

I am passionate about living sustainably and helping others do the same. I am 34, live in Hilo and have a B.A. in mass communication and creative writing. I'm a grant writer and communications manager for All One Ocean, a local marine conservation nonprofit. I've also worked as a journalist, teacher, and Peace Corps volunteer in Cambodia. I'd love to help Moku Loa group develop its communication infrastructure, membership, community engagement, and social media outreach.



### Cory Harden

I was born and raised in Hilo but also spent many years in the states, attending school and working in human services. I've been an active member of Moku Loa group for about 20 years. I hope to see our group attract younger and more culturally diverse members and become able to support a staff person.



### Jon Olson

I'm a long-time Sierra Club member. I've served on the County Environmental Management Commission, Geothermal Working Group, and electric company Integrated Resource Planning group. I chaired the Puna Community Development Plan Committee and was flotilla commander for the Coast Guard Auxiliary. And I've even walked the Muir Trail!

### Blake Watson

I am a lifetime environmentalist, with some expertise in organic farming and land management. As Council Aide for Jen Ruggles, I can serve as a liaison between her and this organization. Hopefully this can mutually further our shared goals and knowledge/capacity. I would like to help diversify the Sierra Club membership by also taking on wider shared goals for our diverse community.



## Voting Instructions

### Voting online is easy, here's how:

- All current members will receive an email from Sierra Club of Hawai'i the first week of October containing a link with your personalized ballot. Do not share this link as it corresponds to personal membership numbers.
- *If you do not receive your emailed ballot link by October 11 contact us at [hawaii.chapter@sierraclub.org](mailto:hawaii.chapter@sierraclub.org) or 808-538-6616.*
- Once you open the email, write down your access key and password code, click the link and follow the prompts to complete your ballot.
- You will be prompted to vote in elections for the Chapter and your group.

**Ballots must be completed by Friday, November 17**

**Mahalo nui for your support!**





SIERRA CLUB OF HAWAII  
MĀLAMA I KA HONUA. *Cherish the Earth.*

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