



2. OLA I KE KAI O KANALOA Ocean Resources Management Program

June 2018 to October 2018

Grants

NOAA B-WET Grant; Learning 'Āina Through Kaho'olawe and Arts Integration:

● June 5th to the 8th saw the return of the five Pomaika'i Elementary educators to Kaho'olawe. These educators are partnering with the Ocean Program for the NOAA B-WET grant. This was the second access for the teachers who came in October 2017, providing them with the opportunity to see Kaho'olawe's resources and the management techniques/challenges in both the "wet season" and "dry season" of the Reserve. During the second half of this two year grant the teachers will be creating and implementing curriculum related to the history, restoration and preservation of Kaho'olawe and its watersheds. The curriculum, produced to Hawaii Department of Education (DOE) 4th grade standards, will be made available to all through the KIRC website and shared DOE forums.

Hawaii Community Foundation (HCF IV):

● All obligations for this 12 month grant have been met (5,000 coastal plantings, 250 lbs of non-native invasive biomass), except for the requirement to conduct a second benthic coral survey in Honokanai'a. Due to the weather and the large surf events created by Hurricanes Hector, Olivia, Lane and Welaka have coral surveys on the west end of Kaho'olawe have been difficult to conduct due surge and water clarity. Continued attempts to complete the surveys are scheduled for Oct. 24th and Oct. 31st.



Volunteers planting 'aki'aki grass on the shore of Honukanaeae



B-WET teachers learn about Kaho 'olawe's marine resources



B-WET participating teacher Jaden Isobe caring for 'uala in Luamakika



2. OLA I KE KAI O KANALOA Ocean Resources Management Program

Hui Kapehe Program *June 2018 to October 2018*

Marine Debris Removal:

• Through funding made possible by Alu Like, the Ocean Program was able to work with Hui Kapehe interns for one week in Aug. to remove a combined 2.75 tons of debris from Hakioawa, Puhianenu and ‘Oawawahie. Staff coordinated with PKO members to have the debris in Hakioawa pre-bagged and covered until it could be flown out in August. The debris from all three locations was centralized at LZ1, secured and netted for flight across the channel and over populated areas on Maui. The debris was dropped into roll off bins at Pu‘unene and taken to the Maui landfill.



Hui Kāpehe interns conduct clean up at ‘Oawawahie



Hui Kāpehe interns working together

SUAS Certification Prep Course

• From July 23-26, program staff assisted with the instruction of the Hui Kāpehe Small Unmanned Aircraft System (SUAS) certification preparation course. The course prepares interns to take and pass the Federal Aviation Administration (FAA) Part 107 test. This certification will not only provide the pilots with knowledge of all federal flight rules and regulations but also allow them to operate drones commercially.



Left:
Interns practice drone flight maneuvers.

Right: Hui Kāpehe interns study intensely for FAA Part 107 exam



Ocean Program New Staff Member

• Our newest Ocean Program staff member, Courtney Payne, started with us on Oct. 11th. Courtney has a Masters degree in Natural Resources and Environmental Management from the University of Hawaii at Mānoa. She also has worked with DOFAW as a Wildlife Assistant developing protocols for the removal and monitoring invasive algae at Paikō Lagoon.