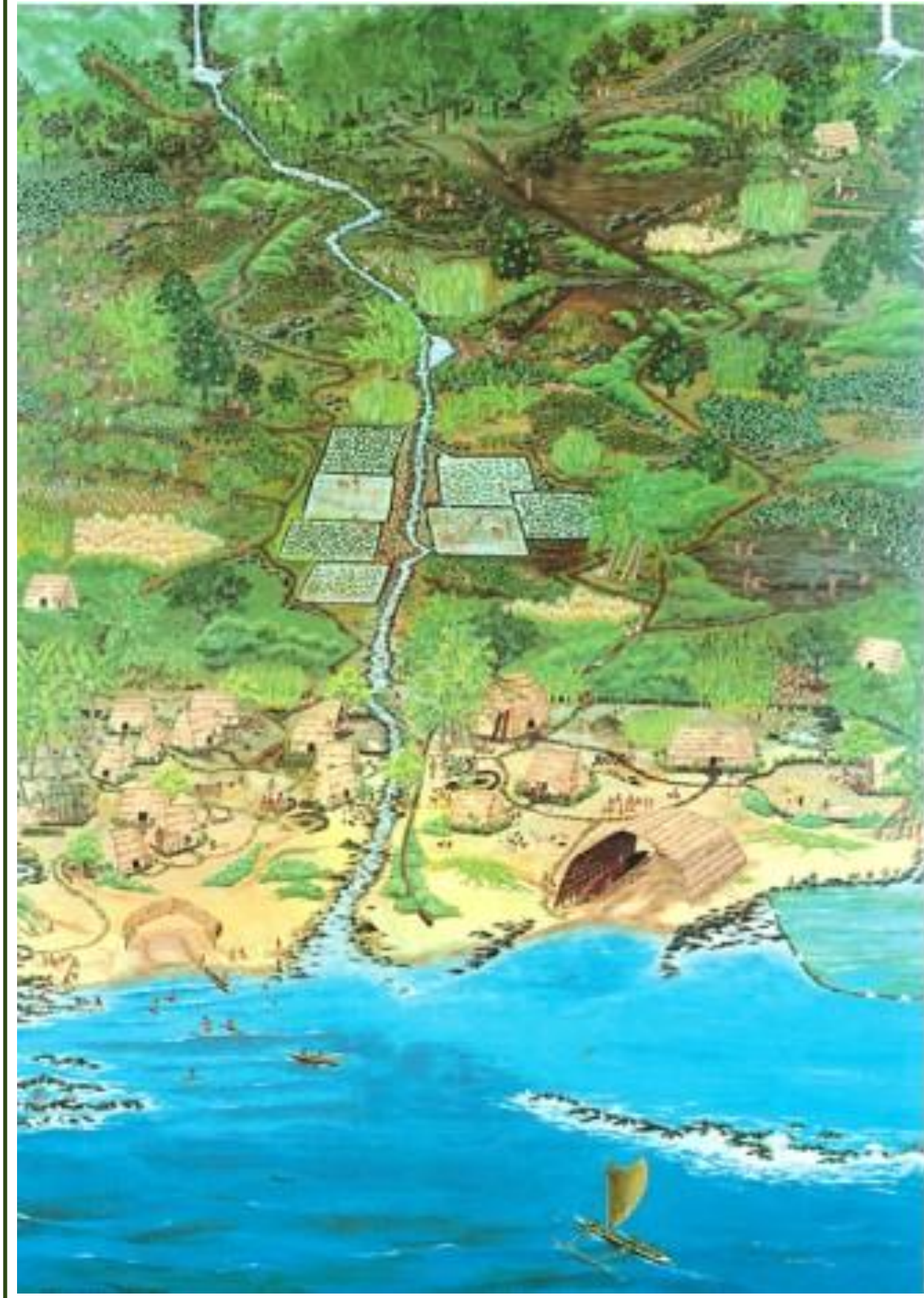


## What we mālama...



An ahupua'a is a traditional division of the land, extending from the mountain out into the ocean to the reef (depth: chest of a man). Within the ahupua'a the inhabitants traditionally have access to the ecological zones of the islands and could get almost all they needed to maintain their sustainable and stable ecosystem.



"I was a member of this SL project & found that learning can be fun, especially getting mud in between your toes & sand in your hair; all for the sake of perpetuating the lifestyle of sharing & caring for the land we live on.

Mālama i ka 'āina."

... **Brendan Buchwach BOT 105, KCC**



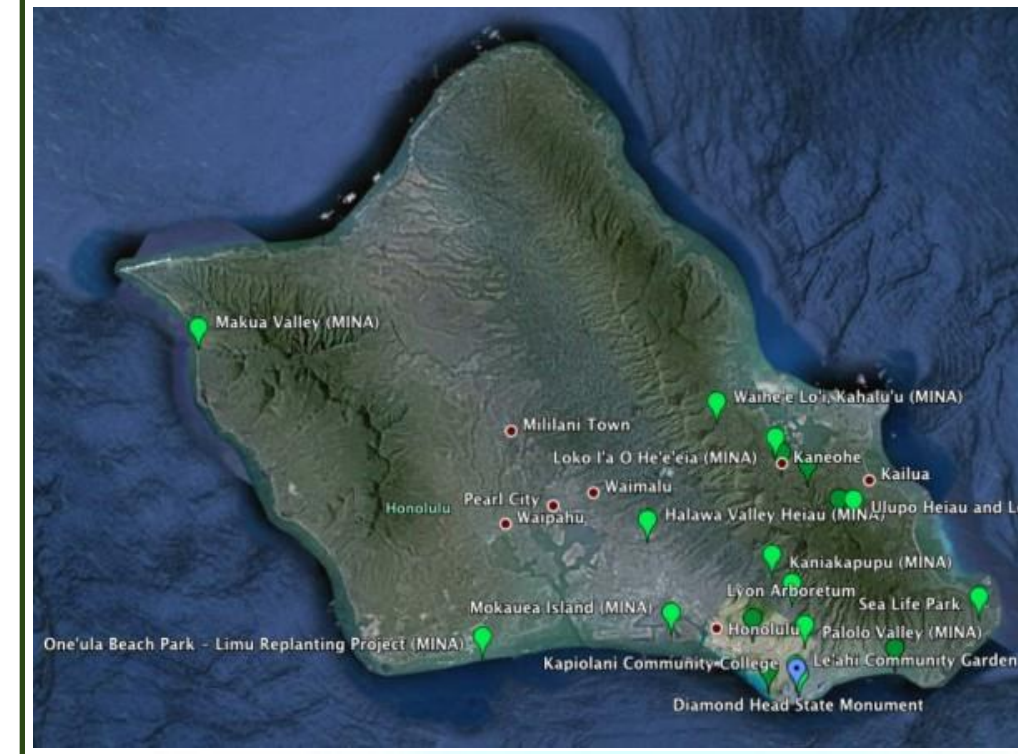
"It's hard work but it's work worth doing. I'm learning about the techniques & values of my ancestors as well as beautifying the campus for others to enjoy".

...**Joey Salazar , UHM & KCC**



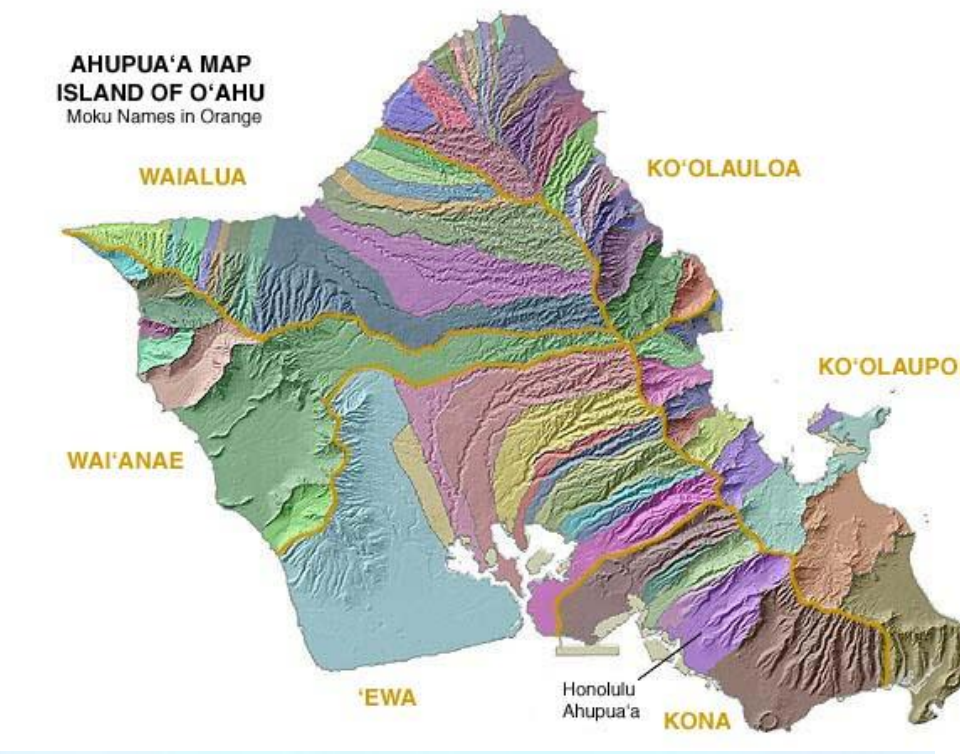
"I learned through SL how delicate the balance of the ecosystem is. The seemingly harmless act of introducing a new plant or animal to the existing community can cause the extinction of the biota occupying that niche, thus endangering all species in that area."

... **Allison Flinn BOT 101, KCC**



## A Lesson in Sustainability for the Future I ka Wā Mamua, ka Wā Mahope

## Mālama I Na Ahupua'a Service-Learning Program



## Who we are ...

Natural sciences and social sciences faculty and students from different institutions engaging students and faculty in interdisciplinary community research and service learning to support environmental responsibility as well as cultural, social, & scientific skills for sustainable future uses of island resources.

## Why we serve ...

Our island environment is threatened by misuse and exploitation for economic gain and political self-advancement. It is urgent to educate the people of Hawai'i, to take responsibility and action to preserve and sustain our natural resources.

We aim to develop a "sense of place" by creating a fund of knowledge and practical experience.

We establish a shared base of knowledge through common meetings & activities from which students build a *mālama 'āina* awareness, civic responsibility, and sustain natural resources in the ecosystems of Hawai'i

## Where we learn ...

- Bishop Museum - Diamond Head State Park - Foster Botanical Gardens -
- Hālawā Valley Heiau – Hawai'i Nature Center – He'eia Loko I'a -
- Honolulu Zoo - Kahana Valley - Kalihi Valley Nature Center -
- Kapapa Lo'i o Kanewai - Leahi Hospital Sensory/Sustainability Garden -
- Lyon Arboretum - Mākua Valley - Mokauea Island - Waipao -
- Oneula Beach in 'Ewa - Sea Life Park - Ulupō Lo'i & Heiau -
- Waikalua Loko I'a - Waikiki Aquarium - Maunaloa -

## What we mālama...

"I enjoyed working in the *Mānele* Garden. It was a pleasant environment and working experience. Aside from cleaning the *mai'a*, I got to learn names of a few of the Hawaiian plants & its uses. I felt like I was getting closer and closer to my ancestors' ancient ways of caring for the land. It was nice having the garden separated into small manageable parcels. While working in the garden we were taught that it's good to talk to the plants and think good thoughts. It's also nice to *oli* before entering the garden. It's good to come one with mind & body before and after working with the 'āina. It's very peaceful when I work with nature. I feel very native when cleaning and planting. It's nice working alone, but it's much better working with friends & the 'ohana."

...**Tialynn Kawa'a BOT 130, KCC**



"...the concept of the ahupua'a symbolizes the soul of the Hawaiians. It is a right of heritage centered on respect for land & the ocean."

...**Verna Akina of BOT 130, KCC**



"As a marine science student, MINA showed me that everything that affects the land has a direct impact on the ocean & that Native Hawaiians truly cared about their surroundings as the environment continued to provide for them. These cultural sites are prime examples to show that Native Hawaiians were fully capable of sustaining themselves as a way of life."

... **Kanoelani Steward Marine Science, KCC**



"In working with the program, I have met invaluable people. For one thing the other classmates who loved their experience helped me to believe in what I was doing."

...**John Cheek ES 340, UHM**