

# Heeia Master Plan



## **Vision for Heeia:**

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Heeia is an abundant food-producing land: forests, *loi kalo*, organic farms, fishponds, and the ocean extend as far as the eye can see. Agricultural production serves to educate, feed, and sustain the community.

Families gather for celebration, learning, and healing. Traditional and modern arts and sciences strengthen the Heeia community.

Hoi is restored as a native wetland. *Koloa*, *alae ula*, and *aeo* have returned and the splashing of *ama ama* sounds like rain falling on Heeia Stream. Clean, clear water feeds the fishpond and native *limu* and other marine life are once again abundant.

## Principles and Goals

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- Restore cultural connection between the community and the land.
- Restore the wetland ecosystem and nearshore habitat in alignment with the most current version of the “Koolau Poko Watershed Management Plan” and “Koolaupoko Sustainable Communities Plan”.
- Provide economic sustainability for Koolaupoko.
- Provide opportunities for food sustainability in Koolaupoko.
- Provide opportunities for multi-generational learning and education.
- Form partnerships and collaborate with cultural and community groups, government agencies, and neighbors.

## Path to Pono:

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There is a need to balance productive agriculture with ecosystem restoration and the native species habitat.

The wisdom of our kupuna will provide a foundation for land management practices that allow for the coexistence of agriculture and the native species habitat. Modern science and technology will further enhance our abilities to maintain these relationships.

Activities at Heeia will impact our neighbors, particularly those downstream.

The concept of ahupuaa will be followed to ensure careful management of resources, which are experts in wetland systems, hydrology, and sediment transport will guide the restoration efforts to protect the health of downstream ecosystems.

Fulfilling the vision for Heeia will require many hands and many hours.

Forge many partnerships so that many people will be involved in restoring the ecosystem, reconnecting with the land, and creating a healthier community.

Gather data on the physical properties of the site, including hydrology, soil productivity, and topography.

Various researchers are being called on to provide expertise and fill data gaps.

Climate change, including sea level rise, an increase in storm intensities, and changes in average daily rainfall, will affect the planning and management of Heeia.

Agency and academic expertise will be folded into the long-term planning for Heeia, which will incorporate potential future scenarios into its design to allow for flexibility and hazard mitigation.

Past land uses may have added pollutants to the soil and water that may have impacts on proposed activities.

University of Hawaii researchers are being brought on to the study team to determine the potential risks of past land uses and recommend remediation actions, if necessary.

The proposed elements may impact archaeological and cultural sites.

Professional expertise in archaeology and cultural impact analysis will complement kupuna knowledge and provide a basis for protecting and enhancing the cultural resources present.

The restoration of Heeia will require a complex process for permits, approvals, and environmental documentation.

Early planning and coordination with various Federal, State, and City regulatory agencies will provide the foundation for an integrated permitting process.



## Heeia Master Plan

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