Triple Benefits of Traditional Agriculture



Sediment and nutrient pollution from degraded landscapes is one of the greatest threats to Hawai'i's coral reefs



90% of Hawai'i's food is imported



A'ole Pa'a ka 'Aina: Loss of cultural connection to the land

Solution: Traditional Agriculture Nourishing the Land, Sea and Community



Restores *ahupua'a* (watersheds) and promotes coral reef health

- Removes sediments and nutrients from stream water, absorbs floodwaters and prevents harmful pollutants from reaching coral reefs

Hawai'i State Commitments

Governor Ige has committed to effectively manage 30% of Hawai'i's nearshore ocean waters by 2030 ("30 by 30")



CORAL REEF ALLIANCE

The Coral Reef Alliance (CORAL) is an international conservation organization dedicated to uniting communities to save coral reefs.



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- Provides greater food security and livelihoods for Hawai'i's People
- Enables the people of Hawai'i to produce food locally and be less reliant on imports
- Provides livelihoods through farming and associated markets

Hawai'i State Commitments

Governor Ige has committed to double local food production by 2020, provide loans for farmers, and make more land available for agriculture

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Supports local culture and traditions

- Brings people back to the land and traditional crops like taro

Hawai'i State Commitments

Governor Ige has committed to honor, respect, and promote Hawaiian culture and sustainability

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CORAL in Hawai`i

In Hawai'i, CORAL is working with partners to reduce land-based sources of pollution. One of our priority initiatives is to work with local stakeholders in West Maui to measure the efficacy of *lo'i* - traditional terrace gardens used to farm *kalo* (taro root) - at reducing nutrient and sediment pollution in streams.

Understanding Traditional Agriculture Through Stakeholder Outreach

Becoming a Traditional Farmer

Challenges	Pipeline	Potential Solutions
 A'ole Pa'a ka 'Aina (loss of cultural connection to the land) Lack of awareness about how to get involved Fewer young people interested in farming today than in the past 	Introduction Learn about <i>'aina</i> (land) based activities Experience Learn traditional practices by helping on a farm	 Establish a "network" to facilitate cooperation and support <i>'aina</i> based activities
 Scarcity and high cost of available land Lack of business experience and farming knowledge Lack of start-up capital Difficulties in acquiring permits and equipment Lack of support 	Initiation Make the personal choice to start a small scale farm Growth Establish a farm business	 Streamline permitting for land and water Create a database to connect farmers to landowners Develop a toolkit to support farmer needs which includes tools like business plans, ready-made lease agreements, and best management practices
 Market competition Access to market Profitability Access to startup capital 	A the survey a activities a)	 Develop value-added products, cooperatives and food hubs Promote incentives at the state level
39% currently fa 90% are interested in *Lo? - traditional terrace g used to farm kalo (taro	starting a <i>lo'i</i>	
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kalo (taro root) - at reducing nutrient and sediment

pollution in streams.

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