




REDUCING WILDFIRES & DROUGHT


Is the rehydration of Hawai'i's landscapes a socially feasible solution to increasingly extreme wildfire, drought and flooding events?


SYSTEM THREATS


- Hawai'i faces the highest residential wildfire risk in the United States.
- The Lahaina Fire killed 102 people and caused \$5+ billion in damages within 72 hours.
- Total regional rainfall has decreased by 17% over the last 35 years.
- 25% of Hawai'i's land is now covered with invasive grasses

A PORTFOLIO OF EXPERIMENTS

 **Reconnecting Households to the Water cycle to Protect them from Fires and Floods**

 **Training Restoration and Community Non-Profits in Financial Logistics and Administration**

 **Networking Providers to Help Land Stewards Access Land Health Services**

 **Changing How Multi-Stakeholder Funding Programs View Value with Next-Generation Software**

SUPPORTING HAWAI'I'S ADVANTAGE

After working restoration projects and speaking with 15+ representatives from institutions, non-profits, community groups and local enterprises, the key strategy is already clear.

Hawai'i's people are restoring and innovating in the space of rehydrating the land while driving a transition in land management systems.

Every month thousands of volunteers, families with genealogical ties, and stewards show up to remove invasive plants, plant native species and repair unmanaged lands. This has been going on for years and even decades, in some cases.

With this growing relationship, the Q designed a series of experiments with local landscaping businesses, technologists and community non-profits to strengthen this existing strategy and help articulate the value of their work.