



2011-2014

IMPACT REPORT

CONSERVATION INTERNATIONAL



HAWAII



CONSERVATION INTERNATIONAL HAWAI'I IS PLEASED TO PRESENT OUR FOUR- YEAR IMPACT REPORT REFLECTING THE RESULTS OF OUR WORK TO INCREASE THE SUSTAINABILITY OF NEARSHORE FISHERIES, IMPROVE OCEAN HEALTH, AND STRENGTHEN SEAFOOD SECURITY IN HAWAI'I.

Over the past four years, CI-Hawai'i has become an incubator for fisheries sustainability and built our capacity to serve a diverse network of partners – including fishers, state and federal agencies, nonprofit and corporate stakeholders, and community leaders. Our work has catalyzed these partners to work together to **ho'i i ke kai momona** – return to an abundant ocean that will feed Hawai'i's people for generations to come.

Our Mission

The mission of CI-Hawai'i is to restore seafood security in Hawai'i. Our projects support healthy ocean ecosystems and resilient communities, ensuring sustainable local seafood for the cultural and economic well-being of Hawai'i and its people.

Our Program Areas

1. Catalyze Sustainable Management of Small-Scale Fisheries
2. Restore Coastal Habitats and Biocultural (biological + cultural) Systems
3. Transform Seafood Value and Supply Chains

The following Impact Report reflects the primary results from CI-Hawai'i's work in each of our three program areas from 2011-2014.

ho'i i ke kai momona | return to an abundant ocean



CI Hawai'i 4-Year Impact



GEOGRAPHY OF FOUR-YEAR IMPACT OF CI-HAWAII'S WORK

CI-HAWAI‘I ACCOMPLISHMENTS: 2011-2014 HIGHLIGHTS

PROGRAM AREA 1: CATALYZE SUSTAINABLE MANAGEMENT OF SMALL-SCALE FISHERIES. FOSTER EFFECTIVE GOVERNANCE

ACTION Piloted a successful proof-of-concept **Community Fisheries Enforcement Unit (CFEU)** on Maui with the State of Hawai‘i’s Division of Conservation and Resources Enforcement and the Harold K.L. Castle Foundation

OUTCOME Hawai‘i State Legislature **provided \$800,000 to continue the CFEU program**, based on evidence showing the patrol area observed a **90% compliance rate**, 253% increase in the number of fishing-related investigations, and a 71% increase in the number of criminal fishing citations issued

ACTION Conducted 34 **Lawai‘a ‘Ohana (family fishing) Camps** in 14 communities on 6 islands

OUTCOME Over 2000 participants involved in developing the next generation of pono (responsible) fishers and revitalizing fisher and community engagement in local marine resource stewardship

ACTION Engaged fishers in citizen science projects to study reproductive cycles and develop **seasonal Hawaiian moon calendars for sustainable marine resource harvesting**

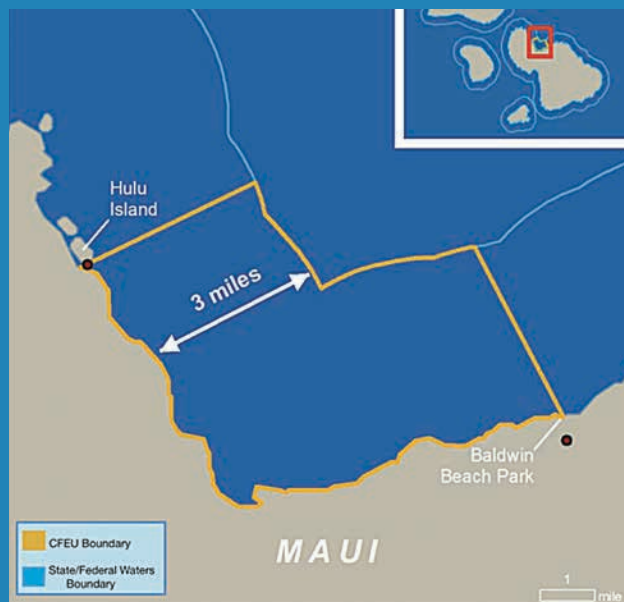
OUTCOME Traditional marine resource knowledge and pono fishing practices revived in 5 communities

ACTION Developed a **model for community-based seafood security assessments**, involving community fishers in data collection efforts

OUTCOME Our approach is becoming the accepted method to estimate the “hidden” values and benefits provided by coastal fisheries, establishing **baseline data for resource management** for fishing communities and the State of Hawai‘i

ACTION Established the **Alahula ‘Āina Momona (Pathways to Abundance) initiative**

OUTCOME Marine resource management organizations in Hawai‘i working together to develop and apply more efficient, effective, and coordinated approaches to support community-based marine resource collaborative management and stewardship efforts



In July 2014, the Maui CFEU was recognized by Governor Neil Abercrombie, who commended the unit. Department of Land and Natural Resources Chairperson William Ailā said:

“The unit provides a successful model upon which we may consider our plans to enhance our future efforts. This specialized unit is not only about enforcement, but also serves to promote education and public trust.”



CI-Hawai‘i’s seafood security assessment estimated the economic value of the Kīholo fishery at \$80,000 per year, providing an estimated 30,500 meals annually. This assessment catalyzed a grant to support similar work in 4 other communities and to develop mobile applications and cloud-based technology for more efficient data gathering, synthesis, and sharing.

Photo © Pat Springer

PROGRAM AREA 2: RESTORE COASTAL HABITATS AND BIOCULTURAL SYSTEMS. PROTECT OUR NATURAL WEALTH

ACTION Pioneered a **proof-of-concept coastal restoration approach in Maualei, Lānaʻi** in partnership with Pacific Islands Ocean Observing System, the University of Hawaiʻi Oceanography Department, and local community members

OUTCOME 19.6 tons of sediment prevented from reaching Maunalei reef in 2014

ACTION Developed a streamlined statewide **permitting system for Hawaiian fishpond restoration, repair, and maintenance, integrating 17 environmental regulations into a single permit** in partnership with Honua Consulting, State of Hawaiʻi Office of Conservation and Coastal Lands, and Kuaʻāina Ulu ʻAuamo.

OUTCOME Adopted by the State of Hawaiʻi's Board of Land and Natural Resources on June 27th, 2014, this permit system removed significant regulatory barriers for fishpond operators to begin seafood production

ACTION Launched a three-year partnership with Ulupono Initiative, the Harold K.L. Castle Foundation, Oceanic Institute, and three Hawaiian fishponds to develop a **business and operation model to assess the operational feasibility and economic viability of producing seafood in fishponds**

OUTCOME Catalyzed \$182,726 in statewide investment to return existing fishponds to their traditional role as food production systems

PROGRAM AREA 3: TRANSFORM SEAFOOD VALUE AND SUPPLY CHAINS. PROMOTE SUSTAINABLE PRODUCTION, DISTRIBUTION, AND CONSUMPTION

ACTION Incubated Local Iʻa, **Hawaiʻi's first Community Supported Fishery**, to support community and fishery health on the island of Oʻahu

OUTCOME A new social impact enterprise for seafood in Hawaiʻi, and a new approach to sustainable conservation finance within CI

ACTION Produced the first **statewide seafood security assessment** in Hawaiʻi, finding that fisheries landings in Hawaiʻi currently meet only 57% of local seafood demand, and that as seafood consumption increases and climate change impacts begin to manifest, Hawaiʻi's reliance on foreign imports will increase unless fisheries management is improved

OUTCOME Metrics from our report will be used in a statewide assessment and online dashboard as part of the Hawaiʻi Green Growth initiative (www.hawaiiingreengrowth.org), a cross-sectoral partnership to advance action on integrated approaches to sustainability in Hawaiʻi

ACTION Developed a seafood traceability and sustainability certification program for Hawaiʻi

OUTCOME Platform established for seafood retailers throughout Hawaiʻi to meet their commitments to sustainable seafood



Based on success at Maunalei, CI-Hawaiʻi has established a partnership with Pūlama Lānaʻi, to develop an island scale ridge-to-reef management plan to improve ocean health around the island of Lānaʻi.

Photo © Jack Kittinger



CI-Hawaiʻi supported the development of a streamlined permitting system that integrates 17 environmental regulations into a single permit system. Upon passage of the permitting system, CI-Hawaiʻi director Jack Kittinger was quoted in local press:

“ This program is a wonderful illustration of how partnerships between nonprofit organizations and state agencies play a vital role in managing Hawaiʻi's fragile environmental and cultural resources. ”

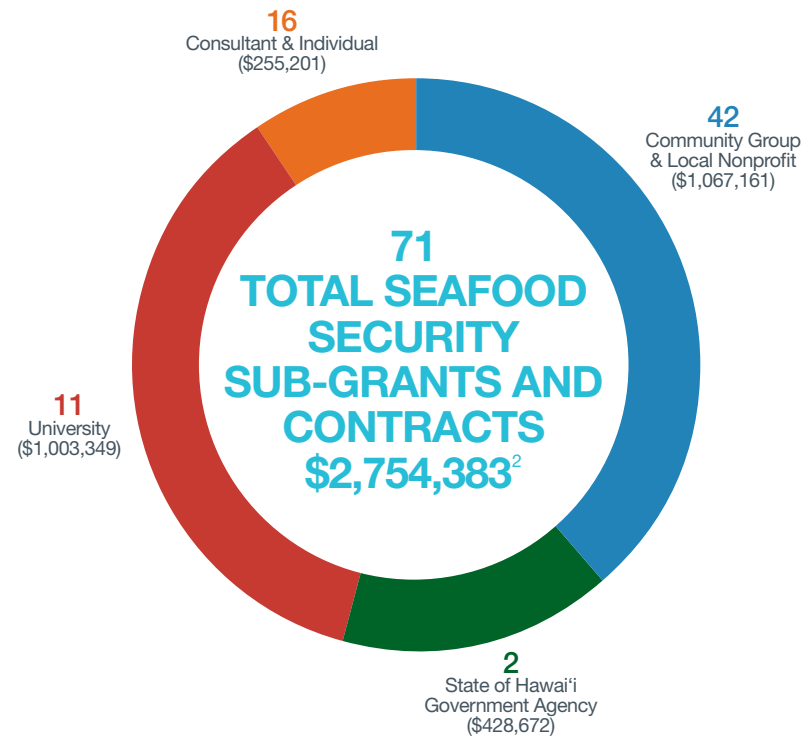
Photo © Jason Phillibotte

BY THE NUMBERS

SUB-GRANTS AND CONTRACTS FOR SEAFOOD SECURITY IN HAWAI'I

CI Hawai'i has funded 71 sub-grants and contracts to increase seafood security in Hawai'i over the past four years, totaling over \$2.7 million.

SEAFOOD SECURITY SUB-GRANTS AND CONTRACTS BY RECIPIENT TYPE



² Includes only those sub-grants and contracts that directly impacted seafood security in Hawai'i





To learn more about CI Hawai'i,
visit our website at www.conservation.org/hawaii,
visit us on Facebook,
or contact:

Jack Kittinger
Director | Conservation International Hawai'i
jkittinger@conservation.org

Kim Giffin Pickard
Outreach and Development Manager | Conservation International Hawai'i
kpickard@conservation.org

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Conservation International Hawai'i
7192 Kalaniana'ole Hwy., Ste G-230
Honolulu, HI 96825

www.conservation.org/hawaii

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