The Problem

In order to sustain the various communities and livelihoods that thrive on the health of a tropical marine environment, a close watch must be kept on the state of our fishing sites and its inhabitants. The practice of conducting fish census involves manual fish counting and species determination by fish experts. This process requires a high level of Marine Science expertise, and cannot scale to thousands of sites.

By automating the fish census process, costs are reduced and the analysis, done by users even with a minimal knowledge of fish, are more accurate and evidence-based. Through Fish-i, the regular monitoring of reefs gives a clear and irrefutable pulse of the health of our coasts.

What is Fish-i?

Fish-i is a patent pending hardware-software technology that allows for rapid reef fish assessment. It utilizes an underwater camera that records along a transect of a fishing site, then analyzes the footage into data that can easily be viewed and understood by users on a computer.

The data gathering is done in minutes and covers a total distance of 50 meters, The system generates automated data for:

- Fish Count
- Fish Population Density
- Fish Identification
- Fish Length
- Fish Biomass

What we need

We're looking for partners who can help us commercialize this technology more strategically and connect us to potential customers of our product.

By helping us improve Fish-i, you will receive a three-year subscription to our beta fish database and be the first to view actual footage of live reef fishes. You will gain first-hand knowledge of the as yet untapped wealth of our coastal riches, and empower coastal communities with evidence-based knowledge of the unique marine life along their coasts.

Inclusions

- Annotated video & CSV print-out online
- Free camera rig
- Free training on rig use & camera set-up
- Results included in FIS (Fish-i Information System)
- Updated analysis applied retroactively to your video