



Letter from the Director

Aloha!

You may have noticed that food security is a recurring theme in my monthly letters; this is because the Pacific Islands are particularly vulnerable to a dependence on outside sources for even the most basic food needs. A prime example is the recent report about the ongoing situation on the island of Rota in the CNMI. The island of approximately 3,000 residents is in a state of emergency and has not received a standard shipment of food and other commodities since November 2013 due to inclement weather conditions that have made it dangerous to dock container ships. This is a frightening reminder of our region's food fragility, and our need to develop robust and sustainable local agriculture and aquaculture industries.

Research and demonstration projects to improve and introduce sustainable farming techniques have potential to alleviate situations like the one in Rota. A previous CTSA project supported the introduction of aquaponics on the island (via the high school) in an effort to establish a local, reliable source for vegetables and fish. I am hopeful that the technology has been appropriately applied and is providing some relief during the current food shortage.

To introduce the simple and efficient technology elsewhere in the region, CTSA is planning a workshop in American Samoa. The focus of the April "Earth Day" workshop will be using aquaponics to improve local food security and human health. Discussion topics will include system construction and maintenance, food safety, and human nutrition. The workshop will be a collaborative effort between CTSA and the local government, Department of Agriculture, and Department of Marine and Wildlife Resources; we are confident that leveraging our collective resources will maximize the transfer of technology, and showcase the benefits of working together to achieve regional food security.

Mahalo,
Cheng-Sheng Lee
 Executive Director, CTSA

CTSA Bivalve Project Update: Delicious 'Moli`i Oysters' Now Available for Purchase at Kualoa Ranch!

We are thrilled to share the news that oysters from Moli`i fishpond are now available for purchase at the Kualoa Ranch retail outlet on Oahu. These are the first locally-grown oysters available for sale on the island in many years, a grand accomplishment for Moli`i fishpond and the ongoing CTSA-supported "Bivalves" project. The triploid oysters are plump and delicious, with a smooth and sweet taste. They can be enjoyed with your favorite Oahu...

In This Issue

Letter from the Director
 Moli`i Oysters Now On Sale at Kualoa
 'Integrated Multi-Trophic Aquaculture'
 seminar
 Update on 'Formalin' Announcement
 February AquaClip

Quick Links

www.ctsa.org
www.oceanicinstitute.org

[Join our Mailing List!](#)

taste. They can be enjoyed either raw or cooked. Uno!



Moli`i representative Ku'uipo McCarty shared the successful grow-out and depuration techniques used at the fishpond with participants at the recent "Bivalve Shellfish Workshop," led by Dr. Maria Haws and hosted by Paepae o He`eia in Kaneohe. The goals of the workshop were to 1) increase participants' knowledge of bivalve shellfish farming, 2) develop a framework for a shellfish industry development plan, and 3) develop a framework for a selective breeding plan to improve oyster performance in Hawai`i. A forthcoming CTSA video will highlight the workshop and other activities of the project, including the latest developments at Moli`i - *look for the video in the April issue of e-Notes.*

Join us THIS FRIDAY: 'Integrated Multi-Trophic Aquaculture' Seminar at Oceanic Institute

The US-Korea team on "Integrated Multi-trophic Aquaculture" will visit the Oceanic Institute this **Friday, February 28, 2014**. The following presentations will be held at the OLC building (on the Waimanalo side of the OI campus) beginning at 10am. This is a free seminar open to all industry stakeholders. We hope to see you there!

"Diseases in IMTA systems, a forgotten component?"

Prof. Ian Bricknell, Aquaculture Research Institute
Professor of Aquaculture Biology
Cooperating Professor Animal & Veterinary Sciences
School of Marine Sciences
University of Maine

"Nutrient Bioextraction by the warm temperate rhodophyte, *Gracilaria tikvahiae* and the oyster *Crassostrea virginica*: a case study in Waquoit Bay, MA"

Jang K. Kim, Ph.D.
Assistant Research Professor
Department of Marine Sciences
University of Connecticut

"Development of a fishing village tourism type integrated multi-trophic aquaculture technology using fishing ports"

Miseon Park
National Fisheries Research and Development Institute

"Hawaiian Fishponds" (tentative title)

Vernon Sato

--
Questions? Contact Maggie Ma at 808-259-3168 or myma@oceanicinstitute.org

Update on 'Formalin' Announcement

Update on 'Formalin' announcement included in January e-Notes

The verbiage used in last month's article announcing the withdrawal of "formalin and tricane methanesulfonate" might lead some to think that ALL formalin and tricane methanesulfonate (MS-222) has been withdrawn from use in aquaculture. ***This is not the case.*** Only the NADAs for Argent Laboratories' version of the two drugs: Finquel and PARACIDE-F, have been withdrawn.

Other brands of formalin and MS-222 are still available for use.

To view the ruling, visit the following website: <http://www.gpo.gov/fdsys/pkg/FR-2014-01-16/html/2014-00721.htm>

AquaClip ~ New Group to Lobby for U.S. Aquaculture Development

New Coalition to Push for Aquaculture Expansion

By SeafoodSource Staff www.SeafoodSource.com. February 21, 2014

A new organization of aquaculture industry stakeholders has formed a coalition to improve the domestic aquaculture industry in the United States.

The Coalition of U.S. Seafood Producers (CUSP) debuted at the 2014 Aquaculture Americas Conference in Seattle.

The group, made up of aquaculture and feed producers, retail and restaurant customers, researchers, technology and feed suppliers, and public aquariums, aims to provide expertise and support of government action that will create growth in aquaculture development.

"We believe establishing relationships and building connections among soy, aquaculture and seafood value chain stakeholders is crucial to helping aquaculture catch on," said Steven Hart, the executive director of the Indiana-based Soy Aquaculture Alliance, one of the Coalition's founding organizations. "This is imperative, as wild-capture fish production cannot sustainably meet the rising global demand for seafood in the decades ahead."

[Click here to read the full article.](#)

The Center for Tropical and Subtropical Aquaculture (CTSA) is one of five regional aquaculture centers in the United States established and funded by the U.S. Department of Agriculture's National Institute of Food and Agriculture (NIFA) under grants 2008-38500-19435, 2010-38500-20948, and 2012-38500-19566. The regional aquaculture centers integrate individual and institutional expertise and resources in support of commercial aquaculture development. CTSA was established in 1986 and is jointly administered by the Oceanic Institute and the University of Hawaii.

[Forward email](#)



Try it FREE today.

This email was sent to mbrooks@oceanicinstitute.org by mbrooks@oceanicinstitute.org | [Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Center for Tropical and Subtropical Aquaculture | 41-202 Kalaniana'ole Highway | Waimanalo | HI | 96795