

# NOTICE OF PUBLICATION

---



AQUAFISH COLLABORATIVE RESEARCH SUPPORT PROGRAM

## RESEARCH REPORTS

Sustainable Aquaculture for a Secure Future

---

**Title:** Chame (*Dormitator latifrons*) Aquaculture in Cojimies Estuary: An Option for Livelihood Diversification in Rural Ecuador

**Author(s):** Rafael Elao<sup>1</sup>, Maria Haws<sup>2</sup>, and Maria D. Herrera<sup>3</sup>

1. EcoCostas, Guayaquil, Ecuador

2. University of Hawaii, Hilo, US

3. Coastal Resources Center, University of Rhode Island, RI, US

**Date:** 12 February 2018

Publication Number: AquaFish Research Report 12-A10

CRSP will not be distributing this publication. Copies may be obtained by writing to the authors.

**Abstract:** Poverty and population growth threaten the biodiversity of the Cojimies Estuary and its watershed. Within the estuary lies the Mache-Chindul Reserve, where people live almost exclusively on fishing, shellfishing, subsistence agriculture shrimp farming, wood cutting and breeding livestock. People here have few alternatives for income generation, lack basic services and infrastructure, and have low levels of education. Combined, these factors lead people to worry more about meeting basic needs than about how their livelihoods impact biodiversity. Meanwhile, open access fishing, mangrove-cutting and illegal logging of tropical forests have led to widespread biodiversity loss. [Note: this excerpt is first paragraph of publication.]

This introductory section was excerpted from the original publication, a section which was published in T. Elin and J. Tobey (editors), *Enterprise Strategies for Coastal and Marine Conservation: A Review of Best Practices and Lessons Learned* (2012), Coastal Resources Center, University of Rhode Island, pp. 66-69.

---

**CRSP RESEARCH REPORTS** are published as occasional papers by the Management Entity, AquaFish Collaborative Research Support Program, Oregon State University, Corvallis, Oregon 97331-1643 USA. The AquaFish CRSP is supported by the US Agency for International Development under Grant No. EPP-A-00-06-00012-00. See the website at <aquafishcrsp.oregonstate.edu>.

Continued...

---

---

**CRSP RESEARCH REPORTS** are published as occasional papers by the Management Entity, AquaFish Collaborative Research Support Program, Oregon State University, Corvallis, Oregon 97331-1643 USA. The AquaFish CRSP is supported by the US Agency for International Development under Grant No. EPP-A-00-06-00012-00. See the website at <[aquafishcrsp.oregonstate.edu](http://aquafishcrsp.oregonstate.edu)>.