

AQUAFISH CRSP: FOSTERING THE DEVELOPMENT AND EXCHANGE OF SUSTAINABLE AQUACULTURE AND FISHERIES MANAGEMENT PRACTICES WORLDWIDE

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AQUAFISH COLLABORATIVE RESEARCH SUPPORT PROGRAM (CRSP) builds on 26 years of successes and lessons learned from Oregon State University's Aquaculture CRSP. Its mission is to enrich livelihoods and promote health by cultivating international multidisciplinary partnerships that advance science, research, education, and outreach in aquatic resources. Bringing together resources from host country institutions and US universities, the AquaFish CRSP emphasizes sustainable solutions in aquaculture and fisheries for improving health, building wealth, and conserving natural environments for future generations.

AQUAFISH CRSP STRIVES TO:

- Develop sustainable end-user level aquaculture and fisheries systems to increase productivity, enhance international trade opportunities, and contribute to responsible aquatic resource management;
- Enhance local capacity in aquaculture and aquatic resource management to ensure long-term program impacts at the community and national levels;
- Foster wide dissemination of research results and technologies to local stakeholders at all levels, including end-users, researchers, and government officials; and
- Increase Host Country capacity and productivity to contribute to national food security, income generation, and market access.



Children and fish, Cambodia



Cluster Farmers, Western Kenya



Polyculture, Banda Aceh, Indonesia



Gathering cockles, Nicaragua



Tilapia at market, Kenya



Fishers, Lake Victoria, Kenya



The Dai fishery, Cambodia

AQUAFISH CRSP TOPIC AREAS

AquaFish CRSP currently supports 38 investigations throughout the world. Each investigation falls into one of the following 10 topic areas:

- Indigenous Species Development
- Quality Seedstock Development
- Sustainable Feed Technology
- Production System Design & Best Management Alternatives
- Human Health Impact of Aquaculture
- Technology Adoption & Policy Development
- Marketing, Economic Risk Assessment, & Trade
- Mitigating Negative Environmental Impacts
- Watershed & Integrated Coastal Zone Management
- Food Safety & Value-Added Product Development

PROJECTS

CHINA, VIETNAM, AND NEPAL
Improving Sustainability and Reducing Environmental Impacts of Aquaculture Systems in China, and South and Southeast Asia
Lead US Institution: University of Michigan

THE PHILIPPINES AND INDONESIA
Improved Cost Effectiveness and Sustainability of Aquaculture in The Philippines and Indonesia
Lead US Institution: North Carolina State University

MEXICO AND GUYANA
Developing Sustainable Aquaculture for Coastal and Tilapia Systems in the Americas
Lead US Institution: University of Arizona

KENYA, GHANA, AND TANZANIA
Improving Competitiveness of African Aquaculture Through Capacity Building, Improved Technology, and Management of Supply Chain and Natural Resources
Lead US Institution: Purdue University

CAMBODIA AND VIETNAM
Development of Alternatives to the Use of Freshwater Low Value Fish for Aquaculture in the Lower Mekong Basin of Cambodia and Vietnam: Implications for Livelihoods, Production and Markets
Lead US Institution: University of Connecticut-Avery Point

NICARAGUA AND MEXICO
Human Health and Aquaculture: Health Benefits Through Improving Aquaculture Sanitation and Best Management Practices
Lead US Institution: University of Hawai'i at Hilo

BRAZIL, GHANA, SOUTH AFRICA AND VIETNAM
Host Country Principal Investigator Exchange Project on Tilapia and Native Cichlid Technologies (Phase II)
Lead US Institution: Oregon State University

MALI
Aquatic Resource Use & Conservation for Sustainable Freshwater Aquaculture & Fisheries in Mali
Lead US Institution: Oregon State University



Collecting oyster spat, Mexico



Eating cockles, Nicaragua



Fish market, Cambodia



Invasive species, Vietnam

