

THE AQUAFISH COLLABORATIVE RESEARCH SUPPORT PROGRAM (CRSP) builds on decades 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, conserving natural environments for future generations, and strengthening poorer countries' abilities to self-govern.

AQUACULTURE IN OUR WORLD

Farming of aquatic animals and plants has ancient origins with its earliest beginnings in China over 4000 years ago.

Today, aquaculture products are the single most important source of dietary animal protein in many developing countries.

Capture fisheries alone can no longer meet global food fish demand, which has tripled since 1990.

Sustainable aquaculture and fisheries management offer the primary means for offsetting the widening gap between supply and demand.

The AquaFish CRSP brings together resources from US universities and Host Country institutions to support research, education, and outreach in aquaculture, fisheries, and water resources around the globe.

AQUA FISH

COLLABORATIVE RESEARCH SUPPORT PROGRAM



Children and fish, Cambodia



The Dai fishery, Cambodia



Oyster collecting, Mexico



Analyzing local plants for fish feed, Tanzania



Gathering cockles, Nicaragua



Snakehead culture, Vietnam



Fish market, Mali

AQUAFISH CRSP GOALS

- 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.

GLOBAL THEMES

- Improved Health and Nutrition, Food Quality, and Food Safety
- Income Generation for Small-Scale Fish Farmers and Fishers
- Environmental Management for Sustainable Aquatic Resources Use
- Enhanced Trade Opportunities for Global Fishery Markets



Shrimp
Penaeidae Family

African Catfish
Clarias gariepinus



Mollusks
Bivalve Family

AQUAFISH CRSP PROJECTS

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

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

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

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

SOUTH AFRICA AND UGANDA
Hydrology, Water Harvesting, and Watershed Management for Food Security, Income, and Health: Small Impoundments for Aquaculture and other Community Uses
Lead US Institution: Auburn University

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

*This project is supported separately through an associate award under the AquaFish CRSP "Leader with Associates" agreement.



Boy with tilapia, Guyana



Lake Sélingué, Mali



Value added product development, Cambodia



Fish farm, Kenya

