

AQUAFISH COLLABORATIVE RESEARCH SUPPORT PROGRAM

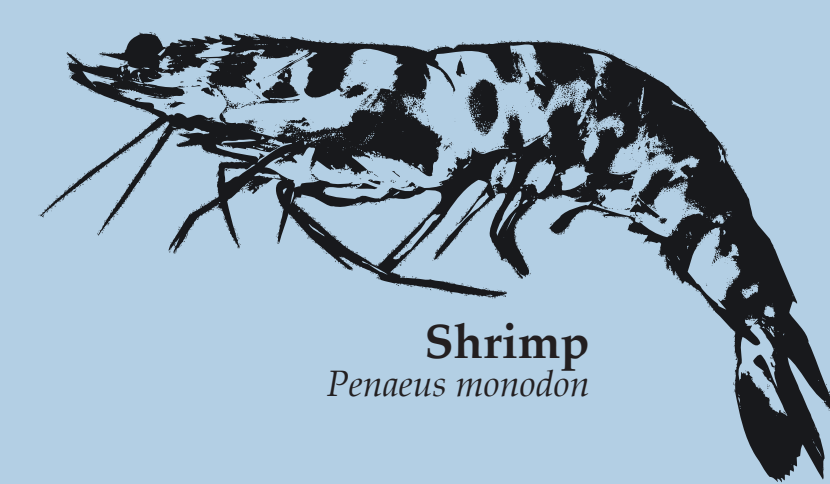


AQUAFISH CRSP builds on 26 years of successes and lessons learned from Oregon State University's Aquaculture CRSP. Its mission is to enrich livelihoods and promote health by cultivating international multidisciplinary partnerships that advance science, research, education, and outreach in aquatic resources. AquaFish CRSP collaborates with institutions in 13 countries in Africa, Asia, and Latin America.



AQUACULTURE IN OUR WORLD

- Farming aquatic animals and plants has an ancient tradition 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 can no longer meet global food fish demand which has tripled since 1990. (Tucker, Hargreaves & Boyd 2008)
- Aquaculture and sustainable 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.





AQUAFISH CRSP GOALS

- Use innovative research to understand and remove constraints in fisheries and aquaculture facing poorer countries.
- Build US and Host Country capacity in aquaculture and fisheries management to ensure long-term impacts.
- Improve resource management, income generation, and market access.
- Develop sustainable end-user level aquaculture and fisheries systems for poorer countries.
- Give the poor better access to well managed water resources as a poverty eradication measure.
- Foster wide dissemination of research results and technologies to local stakeholders.
- Increase Host Country productivity and provide return benefits to the US.

GLOBAL THEMES

 **Improved Health & Nutrition, Food Quality & Food Safety of Fishery Products**

 **Income Generation for Small-Scale Fish Farmers and Fishers**

 **Environmental Management for Sustainable Aquatic Resources Use**

 **Enhanced Trade Opportunities for Global Fishery Markets**

OUTREACH

Publications

Peer-reviewed journal articles
Aquanews newsletter
 Technical manuals

EdOp Net (employment and educational opportunities in aquaculture and related fields)

Workshops and short courses in aquaculture and fisheries topics

Podcasts of region-specific information to local farmers



PROJECTS

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
 University of Connecticut-Avery Point · University of Rhode Island: Cambodia and Vietnam

Improving Competitiveness of African Aquaculture through Capacity Building, Improved Technology, and Management of Supply Chain & Natural Resources
 Purdue University · Virginia Polytechnic Institute & State University · University of Arkansas at Pine Bluff: Kenya, Ghana and Tanzania

Improving Sustainability and Reducing Environmental Impacts of Aquaculture Systems in China, and South and Southeast Asia
 University of Michigan · World Wildlife Fund: China, Vietnam and Nepal

Improved Cost Effectiveness and Sustainability of Aquaculture in The Philippines and Indonesia
 North Carolina State University · University of Arizona: The Philippines and Indonesia

Developing Sustainable Aquaculture for Coastal and Tilapia Systems in the Americas
 University of Arizona · Texas Tech University: Mexico and Guyana

Human Health and Aquaculture: Health Benefits through Aquaculture Sanitation and Best Management Practices
 University of Hawaii at Hilo · Louisiana State University: Nicaragua and Mexico

Aquatic Resource Use & Conservation for Sustainable Freshwater Aquaculture & Fisheries in Mali
 Oregon State University · Shanghai Ocean University · Moi University · FishAfrica · Mali Directorate of Fisheries

