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.

Children and fish, Cambodia

Cluster Farmers, Western Kenya

Polyculture, Banda Aceh, Indonesia

Gathering cockles, Nicaragua

Tilapia at market, Kenya

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.

Fishers, Lake Victoria, Kenya

The Dai fishery, Cambodia

Collecting oyster spat, Mexico

Eating cockles, Nicaragua

Fish market, Cambodia

Invasive species, Vietnam

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

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