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. 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 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.
- 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

**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**
  - 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**
  - Lead US Institution: Auburn University

**Kenya, Ghana, and Tanzania**
- The Feed the Future Initiative: Enhancing the Profitability of Small Aquaculture Operations
  - Lead US Institutions: Purdue University and Virginia Polytechnic Institute & State University

**All Host Countries**
- Assessing the Impacts of CRSP Research: Human Capital, Research Discovery, and Technological Adoption
  - Lead US Institutions: Oregon State University and Montana State University

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