Feed the Future Innovation Labs for Collaborative Research Country Profile

Cambodia

Long-term Degree Training

The Feed the Future Innovation Labs for Collaborative Research and the former Collaborative Research Support Programs (CRSPs) since 1978 have trained a total of **29 long-term degree students** from Cambodia earning **29 degrees**. Students were granted Bachelors (58.6%), Masters (38%), and PhD (3.4%) degrees. Women received nearly 35% of those degrees. The Inland Fisheries Research and Development Institute and the Royal University of Agriculture in Cambodia and granted the highest number of degrees at 16 and 8 respectively. One student was trained at North Carolina A&T State U and one at Hanoi University of Agriculture. Students were trained under AquaFish, Horticulture, Pond Dynamics/Aquaculture, and SANREM.

U.S. University Partners, Cambodia (2007 - 2014)

**AquaFish**
Oregon State U*
U Conn., Avery Point
U Rhode Island

**BASIS AMA**
UC Davis*
UC Berkeley

**Horticulture**
UC Davis*
U Hawaii, Manoa

**IPM**
Virginia Tech*
Clemson U

**SANREM**
Virginia Tech*
North Carolina A&T U

*Management Entity

Partners in Cambodia (2007 - 2014)

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<th>AquaFish</th>
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<th>Horticulture</th>
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Innovation Labs for Collaborative Research and CRSP Activities in Cambodia (2007 - 2014)*

**Aquaculture & Fisheries (AquaFish)**
- Alternative feeds and processing for freshwater aquaculture species
- Assessment of Diversity and Bioecological Characteristics of low Value/Trash Fish Species
- Assessing the Impacts of Sustainable Freshwater Aquaculture Development and Small-Sized/Low-Value Fisheries Management in the Lower Mekong Basin Region of Cambodia and Vietnam
- Competition and Impacts Between use of low Value/Trash Fish for Aquaculture Feed Versus use for Human Food
- Developing management recommendations for freshwater small-sized/low value fish in the lower Mekong region of 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
• Enhancing food security and household nutrition of women and children with a focus on nutrient dense commonly consumed fish from capture fish and aquaculture in Cambodia
• Estimating carrying capacity for aquaculture in Cambodia
• Experimental pond unit assessment in Cambodia
• Feed Technology Adoption and Policy Development for Fisheries Management
• Impacts of climate change on fish value chains in the Lower Mekong Basin of Cambodia and Vietnam
• Maximizing the Utilization of Low Value or Small-Size Fish for Human Consumption by Improving Food Safety and Value Added Product Development (Fermented Fish Paste) Through the Promotion of Women’s Fish Processing Groups/Associations in Cambodia
• Policy recommendations to improve food security and household nutrition through sustainable aquaculture and aquatic resource management in Cambodia and Vietnam
• Sustainable Snakehead Aquaculture Development in the Lower Mekong River Basin of Cambodia and Vietnam
• Value chain analysis of freshwater small-sized fish in Cambodia
• Value Chain of Snakehead Fish in the Lower Mekong Basin of Cambodia and Vietnam

BASIS Assets and Market Access (AMA)
• Micro Health Insurance in Rural Cambodia: An evaluation of the impact on the stabilization of incomes and enhancement of agricultural productivity and asset accumulation

Horticulture
• Increasing Food Safety and Creating a Niche in the Market for Smallholders by Educating them in Production, Postharvest, Food Safety, and Marketing and Branding their Produce According to Specific Food Safety Standards
• Integrated Postharvest Extension Program for Cambodia and Vietnam
• Strengthening Indigenous Informal Seed Systems

Integrated Pest Management (IPM)
• Ecologically-Based Participatory IPM for Southeast Asia
• Gender Equity, Knowledge, and Capacity Building
• International Plant Virus Disease Network
• International Plant Diagnostic Network

Sustainable Agriculture & Natural Resource Management (SANREM)
• LTRA-12: Conservation agriculture for food security in Cambodia and the Philippines

*Activities occurred at varying points from 2007-2014.