

Smallholder aquaculture farming in Africa and Southeast Asia - knowledge exchange and implementation of research

This project aims to initiate a south-south-north exchange of knowledge, expertise and experience within the field of aquaculture beneficial for the smallholder aquaculture farmers in Africa and Southeast Asia.

Southeast Asia has a long tradition and many inspiring examples of small-scale pond farming for fish and prawns. In many African countries, pond farming has existed for many years, but the production has not taken off. However, there is a great political will and a great interest among researchers in Africa to develop and increase the aquaculture production.

SLU is engaged in several aquaculture projects in both Southeast Asia and in Africa and will function as the coordinating node, also contributing with knowledge especially linked to feed and nutrition, genetics/breeding, and analytical techniques. This activity is a continuation of another activity within AgriFoSe focussing on the genetics/breeding part of fish farming in low-income countries. Here we focus on the next levels in aquaculture: larvae production, feed, health and farming systems.

The expected outcomes of the activity is an increased awareness of sustainable and productive aquaculture production systems suitable for smallholder aquaculture farmers, increased collaboration between south-south and south-north within aquaculture, and increased practical implementation of aquaculture research for increased food security and supply of nutritious food for people in low- and middle income countries.

Collaborating partners and institutes:

- UDSM, Tanzania
- Hue University, Vietnam
- Nha Trang University, Vietnam
- Celagrid, Cambodia
- Swedish University of Agricultural Sciences

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