

Impacts of CRSP Projects

1. Research: CRSP projects are one of the impressive and very valuable research works that were accomplished at AIT. Based on these works, a number of directly applicable facts or scientific knowledge have been established through a number of publications mainly on the grow-out culture of Nile tilapia, catfish, and shrimp/prawn:

- Stocking density (e.g. 3-9 fish/m²)
- Fertilization rate (Urea and TSP, e.g. 4 kg N, 1 kg P)
- Supplementary feeding strategies (how much to feed?)
- Carrying capacity
- Water quality parameters in relation to fish production: DO (COD, BOD), Temp., Ammonia, Nitrite, Nitrate, Phosphate etc.
- Soil nutrient budgeting e.g. N, P
- Environmental impact assessment
- Pond and/or cage culture systems
- Monoculture and polyculture/co-culture systems

2. Teaching/training: In addition to water quality analysis and management course, students/trainees get good knowledge on research design, data collection, compilation, statistical analysis, presentation and publication skills from CRSP personnel.

3. Extension and capacity building: Attempts have also been made to test these technologies in the farmers' fields (participatory trials):

- High input system through aqua outreach – Udornthani Province, Thailand
- Capacity building of institutions – Udorn and Ayuthaya in Thailand

4. Other suggested fields/aspects to be considered:

- Fish nutrition
- Fish breeding/genetics
- Fry production/nursing
- Indigenous fish species
- More on participatory research
- Other countries – e.g. Nepal (institutional capacity building, women in aquaculture, promotion of kitchen ponds etc.)

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