

## SSNS Training Course: Advanced technology in striped catfish farming

**Offered by:** The College of Aquaculture and Fisheries, Can Tho University, Vietnam

### Background:

Vietnam is a top country of striped catfish (*Pangasianodon hypophthalmus*) farming in the world, where the production is around 1.2-1.3 mil. tons a year. The striped catfish fillet has been exported to over 125 markets worldwide and recognized as one of best seafood commodities. The farming technology of striped catfish, especially the seed production has been developed and scaled-up to mass production since 2000s by the College of Aquaculture and Fisheries, Can Tho University (CAF-CTU). In recent years, the CAF-CTU has continuously conducted researches on seed production, nursery, diseases, nutrition, physiology, *etc.* Advanced technology of striped catfish including seed production and farming have been built and are ready to transfer to the farmers/producers for improving their farming practices. The short-course training in advanced technology of stripes catfish farming focusing on seed production (larval and fry rearing) and grow-out is offered.



### Learning outcome

- Enhanced advanced knowledge on striped catfish hatchery and farming
- Acquired skills of induced spawning, larval and fry rearing and grow-out
- Ability to develop a striped catfish hatchery and grow-out farm plan and operation

**Training duration:** 10 days, including:

#### **Theory – 8 hours**

- Current status of striped catfish hatchery and grow-out
- Updated knowledge on physiology, nutrition, and diseases
- Broodstock culture, induced spawning, larval and fry rearing techniques
- Grow-out techniques (culture systems, feed and feeding, water quality management, *etc.*)

#### **Practical – 8 days – Lab and field visit**

- Broodstock selection and induced spawning (1-2 females per group of 2-3 person)
- Larval rearing in ponds and tanks of 20-30 m<sup>3</sup>
- Visiting grow-out farms (2-3 farms with different culture techniques) (collecting information on stocking, feed and feeding, water quality measurement and management, *etc.*)

**Final report including business plan:** by each participant – max. 5 pages

#### **Presentation of results by the group of students (seminar room)**

- Knowledge, technique and lesson learned
- Wrap-up by Instructor (1 hour)

**Feedback and evaluation** by participants

**Contact persons:** A/Prof. Dr. Pham Thanh Liem and A/Prof. Dr. Bui Minh Tam