

## **Internship Placement**

### **Organization:**

National Broodstock Center for Mariculture Species in Northern Vietnam (NACMAN)

Xuan Dam commune, Catba Town, Haiphong city, Vietnam

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### **1. Placement description**

The National Broodstock Centre for Mariculture Species in Northern Vietnam (NACMAN) is located in Xuan Dam commune (Catba Town, Haiphong city, Vietnam. Catba is an island belonging to Halong Bay, a Natural World Heritage. It is 150 km east of Hanoi. There is a 15 km distance from the centre to Catba tourism town. The centre keeps broodstock of marine species and produce seed to supply the farming industry. Since 2004, the centre have been producing different marine farmed species including finfish such as Cobia, Groupers, Snapper, Seabass, Red drum; mollusk such as Pacific Oyster, Lutranaia; and crustacean such as Tiger Shrimp.

### **2. Project Work Description**

This place can be one of the hosts for Vietnamese and international students. Interns or students will be contacted and consulted upon receiving their application or letter of interest to develop activities and schedules. In general, the following work and research study can be done at the centre in marine finfish production:

- Assist day to day management seed production
- Research on improving nursing and grow-out techniques
- Feeding of broodstock and fingerlings
- Managing and producing natural feed such as micro algae and rotifer for marine finfish larvae
- Water quality monitoring and management

### **3. How to get there?**

After arriving Noi Bai international airport, Ha Noi, interns can travel from Hanoi to Catba by bus and ferry for approximately 4 hours with 150.000 VND (9 USD)

### **4. Living conditions**

There are available guest rooms for students in the centre. It costs US\$ 50-100 per month. If you would like live there for a shorter period, there are hotels in the tourism town at a distance of 15 km. An air-condition room costs US\$ 10 in working days and USD 15/day at weekend. Each meal costs US\$ 1.0-1.5 on average at the centre canteen.

### **5. Climate**

There are four seasons in the North of Vietnam in general. It is hot in summer (June to August 30 Degree Celsius), cool in autumn (September to November, 24 degree), wet and cold in winter and spring (December to April with 20 degree). The average rainfall is 1,800mm.

### **6. Culture**

People living there are friendly but it is still important to respect local culture and traditions, particularly when you stay in the boat-com-house. As a broodstock centre, bio-security is needed. Shoes or sandal

does not matter but most of the time you will need to walk; therefore, light sport shoes/trainers will be suitable. Dress conservatively; casual clothing is suitable while working at the fish farm - T-shirts, shorts and sandals are appropriate.

### 7. Host arranges

- Dormitory type accommodation inside
- Subsidized rate for food wherever possible
- Work space telephone with common rate
- Car, boat, fish, labour and other materials for research, if needed

### 8. Interns are responsible for the followings:

- International airfare (please check with your University, may have this provision)
- Transportation from and to the airport
- Fees for visa/passport
- Food and drinks (approx. about US\$1/meal)
- Any costs of trips, trainings, and others arranged personally
- Insurance and costs of damages due to personal negligence

### 9. Miscellaneous

Travel medical kit, light mosquito net, insect repellent, sleeping bag, flash light, umbrella or rain coat, few books, a towel and toiletries. But do not bother if you need to buy them, they are available locally at cheap prices.

Note: you will be paired with students of our local partner institution, as far as possible.

## Photos of the centre



Nursing area seen from mountain nearby



Spawning house seen from the sea