

## **Internship Placement**

**Organization:** Center for Environment and Disease Monitoring in Aquaculture (CEDMA)

**Location:** Dinh Bang – Tu Son, Bac Ninh

**Supervisor:** Mr. Mai Van Tai

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### **1. Placement description**

Center for Environment and Disease Monitoring in Aquaculture (CEDMA is located inside RIA1 campus in Dinh Bang, Tu Son, Bac Ninh, Viet Nam, about 15 km north of Hanoi. The centre is responsible for the following:

- To study on science and technology of monitoring environment and disease of inland and inshore aquaculture.
- To study on disease detecting, preventing, treating for cultured aquatic animals.
- To announce warning reports to aquaculture farmers, authorities about environmental problems and fish disease risks.
- To construct network for aquaculture environmental and disease monitoring and warning.

The centre has good facility for study and monitoring in aquatic and environment health. Environment Laboratory has Chromatograph, Spectrophotometer, Flow-meter, Multi parameters measurer instrument, other lap equipments. The Fish disease Laboratory has PCR systems, histography, Stereo microscope, etc. The centre also has good information management with 30 laptops, 4 servers, 10 desktops, local networks, wireless, in-house software.

### **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 analysis of pathogens of aquatic animal species and environment parameters.
- Research disease prevention
- Research on environmental remediation
- Participate in Environment Impact Assessment (EIA)
- Environment and disease monitoring

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

After arriving Noi Bai international airport, Ha Noi, interns can travel from Hanoi to RIA1 by bus USD 2 or Taxi (USD 15).

### **4. Living conditions**

There are available guest rooms for students in RIA1. It costs US\$ 120 per month with air conditioner. Each meal costs US\$ 1.0-1.5 on average at RIA1 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 in RIA1 are friendly and most of staff and students there can use English. You can joint any cultural or sport games run by RIA1 Youth Union. 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. RIA1 surroundings are rich in culture with many festivals during the spring, pagodas and temples.

## **7. Host arranges**

- Dormitory type accommodation inside
- Subsidized rate for food wherever possible
- Work space telephone with common rate
- Wi-fi is available and free
- Library has books about aquaculture in both English and Vietnamese
- Fish, students' fellowship, labour and other materials for research, if needed
- Field trip to different farming area in the North of Vietnam

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

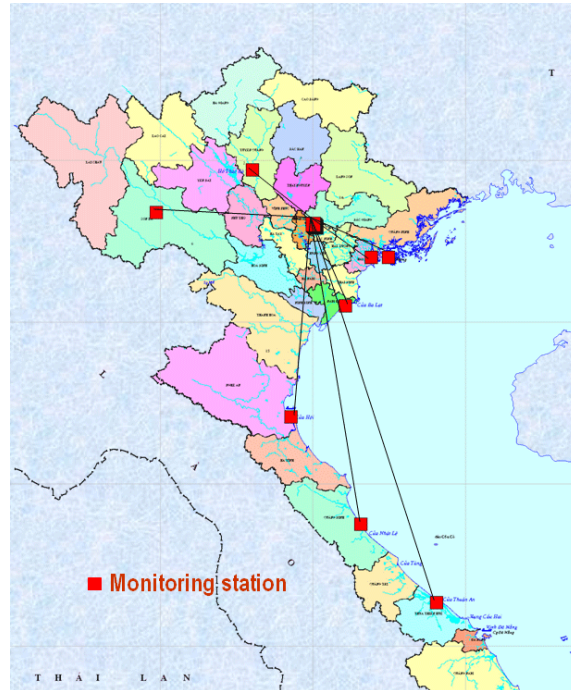
- International airfare (please check with your University, may have this provision)
- Transportation from and to the airport
- Fees for visa/passport
- Food and drinks (approx. about US\$1/meal)
- Any costs of trips, trainings, and others arranged personally
- Insurance and costs of damages due to personal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

## Fotos of the centre



Mornitoring stations where interns can go to in their field trip



A corner of aquatic disease laboratory in CEDMA



A football match between CEDMA's and Ministerial Office