

Aquatic Environmental Lab

Introduction

The Aquatic Environmental Lab is one of the laboratories of Faculty of Fisheries. The lab conducts the following analysis for the purposes of teaching and research:

- + in water: turbidity, transparency, pH, dissolved oxygen, hardness, alkalinity, solids (TSS, OSS), nutrients (ammonia, nitrite, nitrate, total Kjeldahl nitrogen, total phosphorus, soluble reactive phosphorus), organic matters (BOD,COD), etc.
- + sludge and sediment: organic matter, total Kjeldahl nitrogen, total phosphorus, pH.
- + identifying freshwater/marine water fish, algae and invertebrates.

The lab also performs experimental and field-related research in aquatic environment and aquaculture.

The lab also offers on-demand training courses in aquatic environment and aquaculture, such as:

- Water quality testing and management in aquaculture ponds.
- Identifying freshwater/marine water algae and invertebrates.
- Live food culture techniques for larviculture (algae, zooplankton, etc.)

Equipment



Autoclaves ST-65G (Jeiotech, Korea)



Compact Centrifuge Z 206 A (Hermle, Germany)



Fume Hood HD1500 (Daihan Scientific, Korea)



Wisconsin Plankton Sampler 10 μm and 20 μm (Wildlife Supply Company, USA)

Lab Personnel



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