



Congal Biomarine Station and Reserve

Objectives:

- Develop and implement ecological technologies that will help to integrate modern aquaculture with a healthy coastal environment.
- Develop pilot integrated land management projects with native species.
- Promote participation within the community in different local development projects on issues such as health, education and small production enterprises favoring conservation.

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Muisne County, Southern Province of Esmeraldas. 200 hectares.

- Weekly aquaculture pond monitoring.
- Oyster culture: oyster shell collection from beaches, construction and installation of oyster larvae collectors and culture rafts.
- Mangrove and tropical forest restoration.
- Maintenance of planted trees.
- Work in the tree nursery filling bags with soil, seeding and weeding bags.
- Inventory and mapping of reforested areas.
- Weekly beach walks for turtle monitoring, oyster shell and drift wood collection.
- Weekly beach clean ups.
- Working in organic gardening and fruit orchards.
- Planting and maintenance of organic cacao.
- Implementation of tropical farming models.
- Weekly fruit harvests in season including tagua nuts, toquilla palm leaves or bamboo.
- 1 weekly tour to Congal Island either on a speed boat or rowing in canoes (3 hours one way with overnight stay) along the mangroves. In the island activities include fruit harvests, clam harvesting, organic pineapple plantation maintenance and tours.
- Shrimp harvests from organic aquaculture ponds and restocking as needed.
- Repair of thatched roof of the dining room.
- Maintenance of environmentally friendly pastures which includes pasture weeding and repairing live fences.
- Barbed wire removal from reforested and therefore abandoned pasture areas.
- Carpentry using native bamboo called guadua.
- Sign making and posting.
- Path making and maintenance.
- Facilities maintenance and basic construction work.
- Teach English in the school at grade schools.
- Help in day care centers, those are usually big and handle about 70 children per day.
- Help in a health care center or public hospital
- Small enterprise
- Work with local farmers as required by them.
- Harvesting mangrove clams with women's groups.
- Litter reduction program: reuse, recycle, reduce.
- Environmental education.





- The housing facilities at the Station have comfortable cement and wood shared rooms.
- There is electricity, running water and many other services (horse riding & canoe trips).
- There are shared bathrooms, toilet, sink and shower. Pillows, sheets and blankets are provided.
- There is storage facilities, a lounge area with chairs and tables, kitchen utensils, fridge and mobile phone only for emergencies.

- Go to the beautiful beaches of Ecuador.
- Horse back riding.
- Canoe trips.

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