



Republic of the Philippines
ILOILO STATE COLLEGE OF FISHERIES
 Office of Research & Development
 Tiwi, Barotac Nuevo, Iloilo



Registration No. 78Q13035

Office of Research and Development

STATUS OF IMPLEMENTATION OF MAJOR PROGRAMS/PROJECTS

- Major Research Programs/Projects Categorized in Accordance with Five (5) Key Results Areas under E.O No. 43, s. 2:

b. Poverty Reduction and Empowerment of the Poor and Vulnerable

Programs/Projects	Objectives	Budget / Funding Agency	Delivery Units	Status
Establishment of Lapuz-Lapuz Marine Sanctuary/Reserve and Research center	<ul style="list-style-type: none"> - rehabilitation of mangrove forest - re-establishment of marine sanctuary where fishing activities of any kind and gathering of marine organisms are strictly prohibited - biodiversity conservation - provide seeds of high values species of shell fish in the area - increase fish yield - create a venue for conducting marine science research 	ISCOF - 200,000	Office of Research & Development and Office of Extension Services	30% completed
Verification of BFAR-NIFTC Technology on the Breeding of Riverine Catfish <i>Pangasius hypophthalmus</i> in Iloilo	<ul style="list-style-type: none"> - Verify technology of hatchery production of Pangasius in Region IV - develop protocol on fry production based on the project - produce pangasius fry and fingerlings to be made available in the region 	ISCOF– 146,460 BFAR– 106,000	Research & Development in collaboration with BFAR Region VI	80% completed
Philippines Aquasilviculture Project (Phase I) a. Resource/Habitat Rehabilitation covering the municipalities of Barotac Nuevo and Dumangas, Iloilo b. Aquasilviculture project c. Community-Based Multi-Species Hatchery	<ul style="list-style-type: none"> - rehabilitate the denuded mangrove areas in the locality - provide livelihood to fisherfolk - engage fisherfolk and communities to sustainable stewardship of coastal resources 	BFAR - 3,652,400.00	ISCOF Research & Development Office	100% completed

<p>Philippines Aquasilviculture Project (Phase II)</p> <p>a. Resource/ Habitat Rehabilitation covering the municipalities of Zarraga, Leganes, Banate, Anilao, Barotac Viejo and Hinactacan Lapaz</p> <p>b. Aquasilviculture project Community-Based Multi-Species Hatchery</p>	<p>rehabilitate the denuded mangrove areas in the locality</p> <ul style="list-style-type: none"> - provide livelihood to fisherfolk - engage fisherfolk and communities to sustainable stewardship of coastal resources 	<p>BFAR – 1,700,000.00</p>	<p>ISCOF Research & Development Office</p>	<p>50% completed</p>
<p>Production of Organic Tilapia in Brackishwater Ponds</p>	<ul style="list-style-type: none"> - determine the effect of different organic fertilizer application to primary productivity - determine the growth performance and survival rate of tilapia at different organic fertilizer application - determine the affect of organic fertilizer application to selected soil and water parameters - Determine the yield of tilapia using different organic farming techniques 	<p>ISCOF - 20,000.000</p>	<p>ISCOF Research & Development Unit</p>	<p>30% completed</p>
<p>Upgrading and Rehabilitation of Agri-Fishery Ecotourism Project at Iloilo State College of Fisheries</p>	<ul style="list-style-type: none"> - Diffusal of potential production technologies of the College in Fisheries and Agriculture - Advocacy in organic and natural farming method - Improvement of facilities of the college for quality instruction - Response to ecotourism programs of the government 	<p>CHED- 10,000,000.00</p>	<p>ISCOF R&D Main Campus and ISCOF Dingle Campus</p>	<p>to be implemented</p>
<p>Breeding Technology of Freshwater Palaemonid shrimp <i>Macrobrachium sp.</i> at Iloilo State College of Fisheries</p>		<p>Submitted to BAR for funding</p>	<p>ISCOF Research & Development Unit</p>	<p>to be implemented</p>

- Integrity of the environment and climate change adaptation and mitigation

Programs/Projects	Objectives	Budget / Funding Agency	Delivery Units	Status
Avifauna of Selected Wetlands of Barotac Nuevo	<ul style="list-style-type: none"> - Provide data for the protection of wetland areas - ensure sustainable source of livelihood for the community 	ISCOF - 5,000	Department of Biological Science	40% completed
Biological, Physico-chemical and Socio-economic Assessment of Jalaur River System, Province of Iloilo, Panay Island *	<ul style="list-style-type: none"> - identify microbial species that indicates pollution in the Jalaur River System - identify and assess the conservation status of local flora and fauna in both banks and forest in the midstream portion of the river - determine the hydrological characteristics (depth, width, current flow, rainfall and pattern, soil composition and consistency, friable materials, etc.) of the river system - determine the physic-chemical parameters such as pH, color, temperature, turbidity, total dissolved solids, total suspended solids, alkalinity, hardness, salinity, chloride, ammonia, nitrites, nitrates, phosphates, sulfates, chlorophylls, and dissolved oxygen of the water. - assess the heavy metal contamination of river waters, sediments and aquatic animals - determine the personal and household socio-demographic profile of the dependent population. - describe the economic activities and/or use of the river system resources by the dependent population - determine the tourism, rituals and cultural activities involving the river system - determine the perceived importance of the Jalaur River System to household, immediate communities and neighboring communities 	* ISCOF as cooperating agency only		100% completed
Philippines Aquasilviculture Project (Phase I) a. Resource/Habitat Rehabilitation	<ul style="list-style-type: none"> - rehabilitate the denuded mangrove areas in the locality 	BFAR - 1,099,800	ISCOF Research & Development Office	100% completed

covering the municipalities of Barotac Nuevo and Dumangas, Iloilo				
Philippines Aquasilviculture Project (Phase II) b. Resource/Habitat Rehabilitation covering the municipalities of Zarraga, Leganes, Banate, Anilao, Barotac Viejo and Hinactacan Lapaz	- rehabilitate the denuded mangrove areas in the locality	BFAR - 1,700,000.00	ISCOF Research & Development Office	50% completed
Establishment of Lapuz-Lapuz Marine Sanctuary/Reserve and Research center	- rehabilitation of mangrove forest	ISCOF- 25,000	ISCOF Research & Development Office	70% completed
Emission of domestic Shipping: Basis for Program Implementation and Strategies for Global Warming Reduction	- determine whether the emission of domestic shipping is in accordance with R.A.8749 entitled "Philippine Clean Air Act" and the International Maritime Organization in Marine Pollution Annex VI. - examine the potential for reduction of gas emission through different technical, operational and market-based approach	ISCOF - 10,000	COMS faculty Members	On-going

Prepared by:

DENNIS K. GOMEZ, Ph. D.

Director, Research & Development