



EcoIngemar

CORPORATE CURRICULUM

Grupo Ingemar

Consultores Socio-Ambientales Teléfonos: +507 3983776; 2368117; Celular: +507 64504616; Email: ingemarmd@gmail.com; Web: www.ecoingemar.com



Company registered in the
Republic of Panama

Corporate Records:



Support clients in planning, designing, building, and operating projects in general, maintaining high standards of environmental quality and complying always with current national and international environmental regulations.



**Environmental
Consultant:**

DEIA-IRC-16-2021



Lead the field of environmental consulting and auditing, maintaining high moral and ethical values; and becoming a strategic partner of our clients.

Environmental Auditor:
DIVEDA-EAA-04-2021



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Office +507 236-8117

WHY YOUR BEST OPTION?



ingemarmd@gmail.com

fundacionislaiguana@gmail.com



MORE THAN 27 YEARS OF EXPERIENCE

We have successfully managed 11 EIS Category 3; 28 EIS Category 2; more than 200 EIS Category 1; 8 Environmental Audits and PAMA; and 10 Environmental Studies with International Banking standards, including institutional strengthening projects for environmental and social units.

Most of our clients stay with us as their Environmental Auditor for follow-up during the construction and operation of their projects; Therefore, our experience covers the entire environmental management process. None of our EIS have been rejected.



www.ecoingemar.com

www.islaiguana.com



Values



EXPERIENCE IN CLIMATE CHANGE AND "GREEN" PRODUCTS

We analyze the impacts of climate change on projects and vice versa. In addition, we created environmental and social management plans for projects that apply for "Green" licenses.



Vista Park Building, Ground
Floor, Angel Rubio Street, El
Carmen, Panama City



Marco L. Diaz V.
Marine Biologist and
Oceanographer with 34 years
of experience



VAST EXPERIENCE IN PUBLIC CONSULTATION

We have successfully completed public consultation processes while developing EIS and 12 public forums.

We have submitted comments and proposals for changes to all processes to modernize the standard governing EIS in Panama.



Donor of the
Isla Iguana Foundation



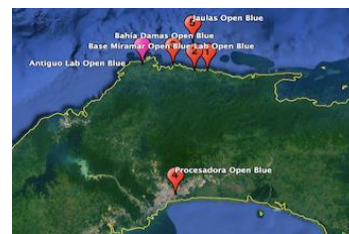
AQUACULTURE



May 2011 to date

PRODUCTION OF COBIA (*RACHYCENTRON CANADUM*) IN CAGES IN THE OPEN SEA AND LABORATORY ON LAND

Open Sea, Miramar, Viento Frio and Damas Bay on the Costa Arriba de Colon; Llano Bonito in Panama City and Port of Vacamonte



⇒ Inspections and quarterly and semi-annual reports are prepared to quantify compliance with the execution of mitigation procedures. Permits were processed.



⇒ Monitoring of:



EXPANSION OF THE MIRAMAR PORT

Nov 2019 – Aug 2020

MARINE FISH CAGES IN DAMAS BAY

Jul 2013 - Jun 2014

MARINE FISH CULTURE LABORATORY

Apr 2013 – Jan 2014

PLANT TO PRODUCE FISH OIL & FLOUR WITH ORGANIC WASTES OF ALL FACILITIES

May – Oct 2021

⇒ Base Line, impacts assessment and mitigation procedures:



⇒ Risk assessment for:



⇒ Social Base Line and Public Consultancy:



⇒ In Miramar three EI, Category I were unified and modifications and improvements to the facilities were proposed.



AQUACULTURE



CLOSURE PLAN OF THE COBIA LARVAE LABORATORY IN PUERTO LINDO

Jan 2014

⇒ Inspections and documents reviewed to prepare the *Audit Plan*, the *Voluntary Environmental Audit*. Once findings were identified, the *Environmental Adequation and Management Plan* (EAMP; PAMA in Spanish) was prepared to adequate closing actions to comply with current environmental and social standards.





AQUACULTURE



PRODUCTION OF BOJALÁ (*SERIOLA RIVOLIANA*) IN CAGES IN THE OPEN SEA AND LABORATORY ON LAND

Puerto Armuelles, province of Chiriquí.



Oct 2019 – May 2020

⇒ Inspections and semi-annual reports were prepared to quantify compliance with the execution of mitigation procedures. Permits were processed.



⇒ Monitoring of:



Nov 2018 - Oct 2019

OPEN SEA CAGES AND MARINE FISH LABORATORY



⇒ Base Line, impacts assessment and mitigation procedures:



⇒ Risks' assessment for:



⇒ Social Base Line & Public Consultancy:



BASELINE SAMPLING AND MONITORING OF:



⇒ Quality of inland and marine waters, with multiparameter, which allows us to make measurements on the surface up to 30 m deep.

⇒ Terrestrial vertebrates
Identification of footprints, eses, edges, fog nets, cameras, and traps.



⇒ Fish and aquatic invertebrates, with electric rod, cast net and / or trammel.



⇒ Aquatic insects, perifiton and plankton, by scraping rocks and plankton net.



⇒ Marine sediments and type benthos, with Pulsen dredger of 40 cm3.

⇒ Coral reefs
Through the International Transept methodology.



⇒ Oceanic and coastal currents with Lagrangian drifters and current meters.
⇒ Current simulations
⇒ Pollutant dispersion simulations
⇒ Wave simulations, using Wind Cast and virtual buoys.



⇒ Environmental Noise, with sound level meter calibrated on site, humidity and winds are recorded.



⇒ Logging, erosion, and sedimentation

With drones, ortho-mosaics are generated to verify that logging remains within the project area approved by the authorities, certify if the sediment leaves the area and track the path of the sediment leaving the area to assess its impacts on the affected surrounding areas.



⇒ Inductions
Training on environmental, social, archaeological, national, and international regulations.

