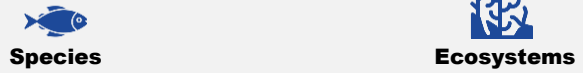


Sea cucumber, octopus and mottled scorpionfish and fish larvae genetics	Population characterization of big pelagic fishes	Temporal analysis of rocky intertidal ecosystem
Sea cucumber re-stocking	Ecological role of overexploited species	Ecology and distribution of mangroves
Ocean whitefish reproduction	Life history of minor resources (snails, chitons and octopuses)	Mangroves genetics
Ocean whitefish and mottled scorpionfish trophic ecology	Spatial-temporal analysis of ictioplankton	Metals in marine trophic webs
Population status of coastal and demersal fishes		Spatial-temporal distribution of marine ecosystems



Biodiversity

Think Tank

Interdisciplinary Fisheries Project

CDF

2023

→ Related to 14/17 SDG

Schema adapted from Nicolas Moity (CDF) and Juan Izurieta. Icons by Daniel Unda (CDF).

Methodological approaches

- Interdisciplinary & transdisciplinary
- System thinking
- Quantitative & qualitative research

← Transversal concepts →

- Climate change Gender
- Food security Value chain

- Group of fishers with traceability
- Traceability system evaluation
- Protocol of traceability videos verification
- Traceability system for shark products
- Responsible consumption app (Info-Mar)
- Entrepreneurship Communities

Markets & Responsible consumption

Innovation, Development & Technology

- TBTI-Ecuador
- MOPTO
- HAG-Think Tank
- Fishers and relatives in Think Tank
- ML & AI for photos and videos monitoring
- Climate change monitoring network in GMR

Knowledge management

- Incentives and funding mechanisms to reduce shark and ray mortality
- Task Force for shark and ray conservation

Biodiversity conservation

Ecosystem services valuation

- Ecosystem services valuation in EEZ-Ecuador
- Environmental-Economic Accounting in EEZ-Ecuador
- Contribution of ZEE-Insular to Ecuador economy
- Economic valuation of GMR's public policies

Society-Nature interrelations

- Social capital endowment influence on capture ecosystem service benefits in Galapagos
- Society-Nature interdependences mapping in EEZ-Ecuador
- Comprehensive diagnosis of the fishing system that interacts with shark and ray
- Marine tourism impacts on Galapagos' biodiversity
- Effectiveness evaluation of "experiential fishing" in Galapagos

External shocks

- COVID-19 impacts on Galapagos seafood system
- Climate change impacts on species and ecosystems in the GMR
- Climate change impact on social dimension of the Galapagos fisheries, with emphasis on gender

Social-ecology

Food security

- Blue carbon on mangroves of Galapagos
- Climate change and upwellings influence on Galapagos' DAPs productivity
- Fisheries role on Galapagos food security
- Indicators of fisheries contribution to food security in Galapagos
- Seafood safety in Galapagos

Governance

- Evaluation of GMR zoning
- Design of the monitoring evaluation of the GMR zoning
- Update of the GMR fishing management plan (Calendario Pesquero)
- Update of the GMR fishing rules
- Fisheries assessment for decision making
- Diagnosis of governance in the Galapagos grouper fishery
- Evaluation of the co-management system of the GMR