

MarViva
Foundation



ANNUAL REPORT 2019





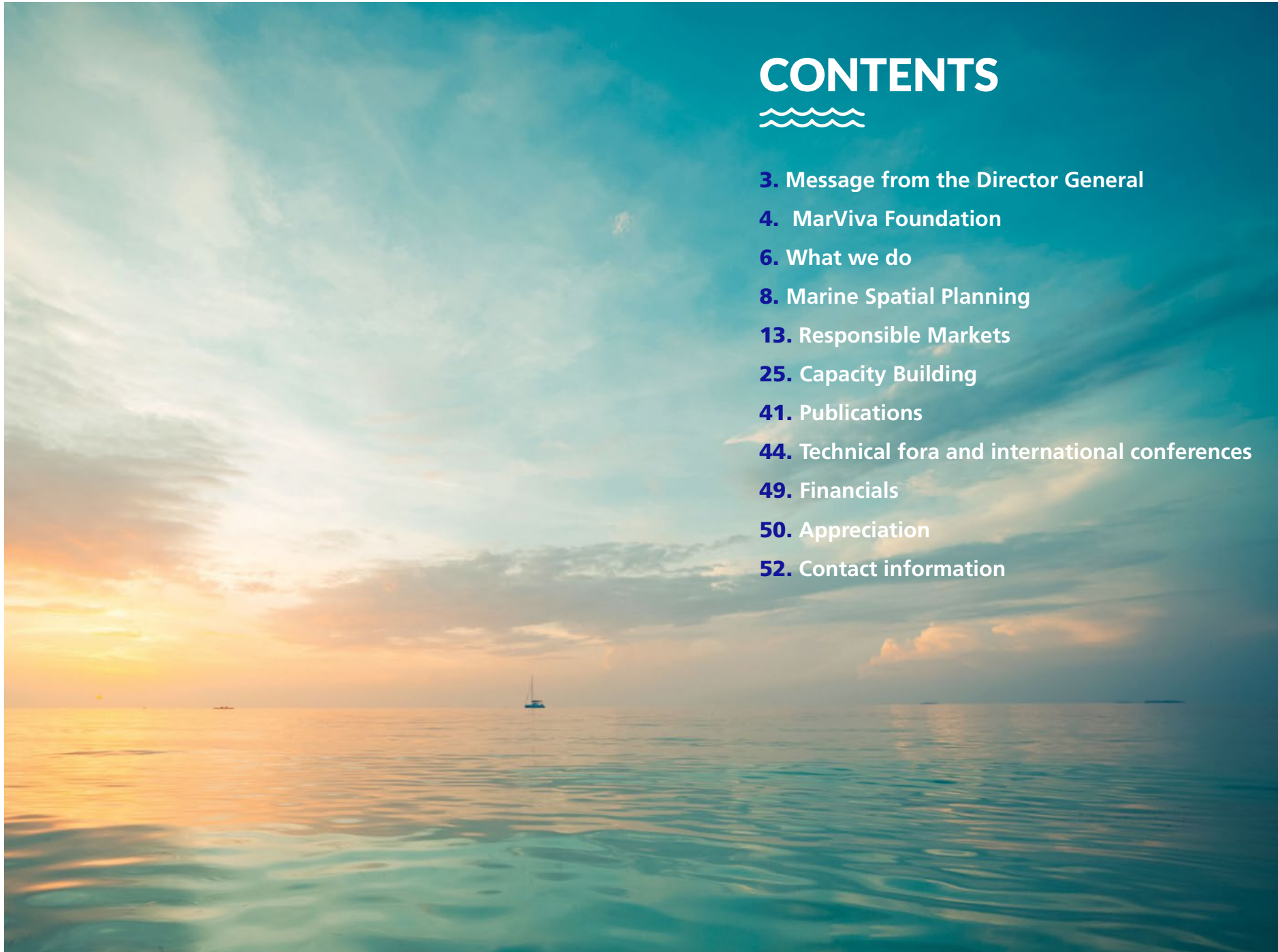
Silky shark
Carcharhinus falciformis



CONTENTS



- 3. Message from the Director General**
- 4. MarViva Foundation**
- 6. What we do**
- 8. Marine Spatial Planning**
- 13. Responsible Markets**
- 25. Capacity Building**
- 41. Publications**
- 44. Technical fora and international conferences**
- 49. Financials**
- 50. Appreciation**
- 52. Contact information**



Credits:

Author: Alejandra Pacheco

Edition: MarViva's technical team

Internal reviewer: Jorge Jiménez

Editorial coordination: Nash Ugalde Hidalgo

Photographs:

Cover page: ©MarViva

Silky shark: ©MarViva

Contents: ©icemanphotos/shutterstock

Blue whale: ©powell'sPoint/shutterstock

Director General: ©Nash Ugalde Hidalgo

Giant manta: ©Sascha Caballero/shutterstock

What we do: ©MarViva

Marine Spatial Planning: ©Nash Ugalde Hidalgo

Responsible Markets: ©MarViva

Images 2,3,4,5,6,7,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61 ©MarViva

Green turtle: ©David Carbo/shutterstock

Image 41: ©Multiplaza Costa Rica.

Image 53: ©MarViva

Publications: © Peter Correale

Financials: © Boiarkina Marina/shutterstock

Blue whale: ©Chase Dekker/shutterstock

Back cover: ©MarViva

Blue whale
Balaenoptera musculus

MESSAGE FROM THE DIRECTOR GENERAL



Our mission in **MarViva Foundation** is to contribute to the conservation and sustainable use of the ocean in favor of the present and future generations. Building on scientific and socioeconomic basis, we profess the conviction that marine health is a source of wealth and wellbeing for society and, therefore, its protection is our vital interest.

During 2019, MarViva worked in support of strengthened legal frameworks to regulate human activities in the Eastern Tropical Pacific. We facilitated multisectoral processes for planning, creation, and participatory governance of Marine Protected Areas (MPAs) in Costa Rica, Panama, and Colombia. We empowered community stakeholders in the consolidation of responsible fishing and rural tourism value chains, improving resilience of the natural resources and quality of life of the coastal populations. We certified multiple points of sale under principles of environmental and social responsibility in the commercialization of marine product validated in compliance with fishing best practices. We promoted legal and voluntary measures in

deterrence of marine litter by single-use plastics. We sensitized countless audiences in the civil and political realms on challenges and opportunities for marine conservation and sustainable development, such as public participation and transparency in marine stewardship, climate change mitigation and adaptation, illegal and over exploitation of marine resources, responsible consumption of marine products and services, High Seas sustainability, and social progress for integral coastal development.

The achieved accomplishments are the result of tireless effort on behalf of MarViva's team, with the support of our Board of Directors and multisectoral allies, including donors, public institutions, private sector, community-based organisations, media, academia, technical and scientific experts, suppliers. To all, thank you for your enthusiasm, dedication, and trust.

Dr. Jorge A. Jiménez Ramón
Director General

MarViva Foundation

MarViva, created in 2002, contributes to marine spatial planning, to responsible market dynamics for marine product and services, and to strengthened local and institutional capacities to optimize sustainable marine stewardship. Based in **Costa Rica, Panama, and Colombia**, we collaborate in the national and regional levels with authorities and civil society in the advancement of information and public participation in the organization of human activities in the ocean.

Mission

Promote the conservation and sustainable use of coastal and marine resources in the Eastern Tropical Pacific (ETP).

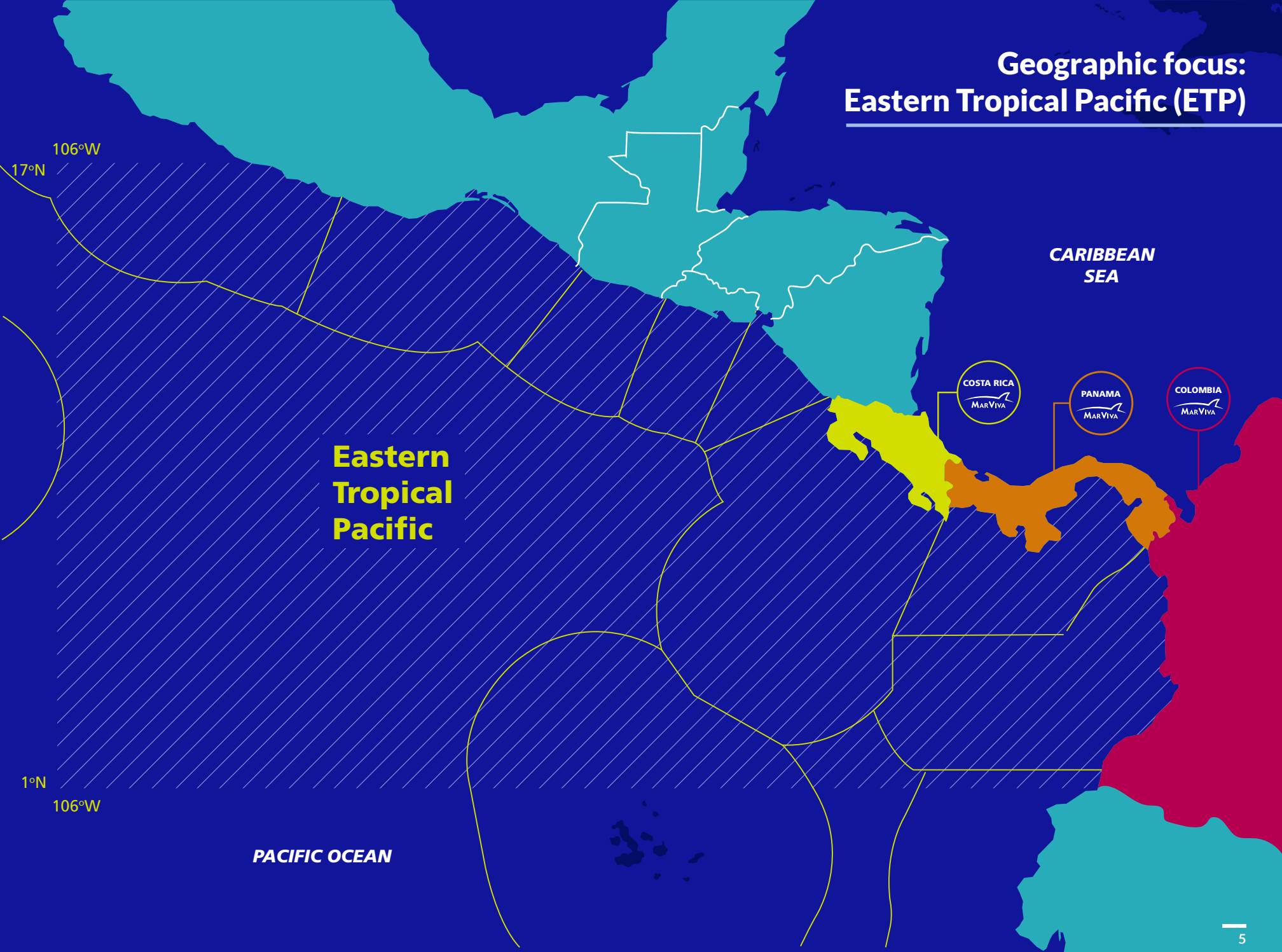
Vision

A healthy and biodiverse ocean, generating wellbeing for the present and future generations.



Giant manta
Mobula birostris

Geographic focus: Eastern Tropical Pacific (ETP)



WHAT WE DO



Our work model highlights technical and scientific basis, partnership development, and multisectoral participation in planning and decision-making for the protection and management of the coastal and marine expanse and resources. It favors awareness generation among institutional, civil, and market stakeholders for the improvement and implementation of the legal framework, and for the voluntary adoption of best practices towards marine protection and sustainable use.

During the 2017-2022 quinquennium, MarViva's priorities in Costa Rica, Panama, Colombia, and the ETP are:

1. Marine Spatial Planning (MSP):

- Policy and media advocacy to enhance legal and institutional frameworks.
- Integral management of marine areas and resources with long-term perspective for biodiversity protection and sustainable development.
- Multisectoral participation in planning and decision-making.
- Promotion of integral coastal development.

2. Responsible markets:

- Responsible productive activities, with emphasis on fishing, ecotourism, and management of single use plastics.
- Consolidation of market incentives for marine conservation.
- Implementation of technological tools for traceability of marine products.
- Support to mariculture initiatives, based on environmental and social responsibility criteria.
- Engagement of the market demand in best practices regarding the consumption of marine products and services, and the reduction and management of disposable plastics.

3. Strengthening local and institutional capacities:

- Intersectoral and interinstitutional coordination for compliance with regulations and best practices regarding human activities in the ocean.
- Deterrence of marine pollution by single-use plastics.
- Adaptation of critical productive activities (fishing and tourism) in face of climate change effects.
- Engagement of the corporate sector in marine management and protection.
- Transparency on information access and management.
- Combat against illegal fishing, trade of vulnerable species, and overexploitation of coastal and marine habitats and ecosystems.
- Strengthened participatory governance (local and in areas beyond national jurisdiction).



STRATEGIC FOCUS

Img. 1 Identification of fishing grounds through participatory workshops in Costa de Pájaros, Puntarenas, Costa Rica.

MARINE SPATIAL PLANNING (MSP)



MSP is a public and participatory process for multisectoral planning and integral management of coastal and marine areas and resources. It considers complementing goals on ecologic, economic, and social health and prosperity. MSP involves diverse interest groups in planning, design, and implementation of marine conservation and management measures. Relevant stakeholders include government institutions, local authorities, fisheries sectors (artisanal, industrial, sports), tourism businesses, infrastructure developers, community-base organizations, coastal populations, universities, and NGO.

Human activities in the ocean (like exploitation of natural and mineral resources, mariculture, tourism, navigation, energy generation, development of oceanic and coastal infrastructure, security, research, pollution, biodiversity conservation, among others), become more intense given globalization, technology advances, and worldwide population growth. The lack of spatial-temporal organization, regulation, and monitoring generates conflicts between users, and between users and the environment. It accelerates habitat and ecosystem degradation, damaging the sustainability of the marine heritage, food safety, and income sources in the local and international scopes.

In alliance with our donors and local partners, relevant progress during 2019 includes:



- Strengthened capacities in over 30 institutions, including fishing and environmental authorities, autonomous entities, regional commissions, municipalities, cantonal councils, community organizations, education centers, and NGO, for the conservation and restoration of 69.57 km² of forest and wetlands belonging to the **State Natural Heritage** in Térraba-Sierpe National Wetland (southern Pacific, Costa Rica).



Img. 2 Térraba-Sierpe National Wetland, Costa Rica.



Img. 3 Community workshop in Ajuntaderas, Sierpe (Osa Peninsula, Costa Rica)



Img. 4 Public announcement of the Marine Protected Area 'Regional District of Integrated Management Encanto de los Manglares in Bajo Baudó', Colombia.



- 15 sectors (ethnic authorities, municipal government, environmental and fisheries authorities, coastal communities, academia, NGO) involved in the **multisectoral construction** of the Management Plan for the Regional District of Integrated Management Encanto de los Manglares del Bajo Baudó (DRMI-EMBB), including 3,747 km² of multiple-use coastal and marine area, 505 km² of exclusive artisanal fishing zone, and 316 km² with prohibition on the exploitation of marine and coastal resources (Chocó, Colombia).

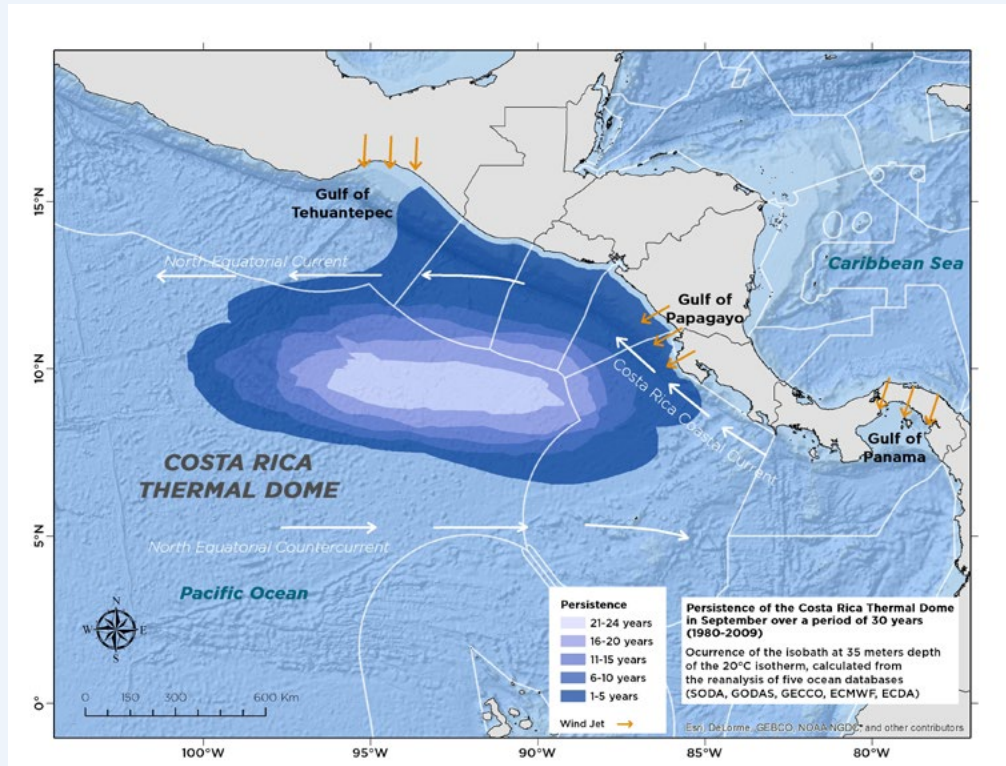


- Concluded geospatial diagnostic on fishing, tourism, and navigation activities for fisheries planning over 4,217 km² in the central portion of Gulf of Chiriquí, with participation of environmental and fisheries authorities and artisanal, industrial, and sports fishing sectors (Chiriquí, Panamá).

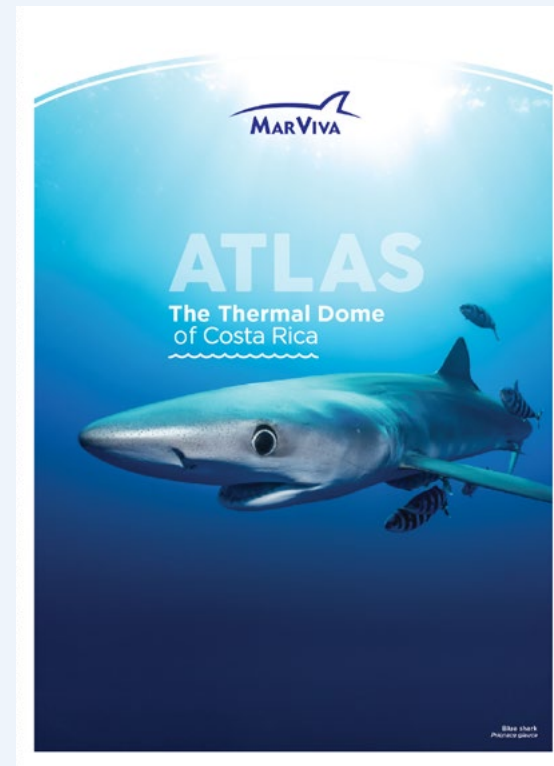
Img. 5 Participatory mapping of fishing areas (Chiriquí, Panamá).



- Technical-scientific inputs generated to inform a multisectoral proposal for regulation and regional governance of more than 526,000 km² in the **High Seas** of the Costa Rica Thermal Dome (international waters).



Img. 6 Costa Rica Thermal Dome map.



Img. 7 Atlas the Thermal Dome of Costa Rica.



Img. 8 Artisanal fishing with selective gear.

STRATEGIC FOCUS

RESPONSIBLE MARKETS



Global fishing production accounts for over 171 million tons/year (53% corresponding to wild captures), which represents first sale value of more than US\$362 billion/year. It is estimated that around 60% of marine fish populations are over exploited, 33% are exploited to unsustainable levels, and only 7% are under-exploited (FAO 2018). Given such rhythm of worldwide consumption, the populations of 100% of commercial species could collapse before 2050, irreparably damaging food security and the survival of marine ecosystems (Worm et al., 2006).

The ETP faces this same challenge. In Costa Rica, Panama, and Colombia, fishing and tourism are critical sources of subsistence for the coastal communities. Through the **Responsible Markets Program**, MarViva supports stakeholder awareness towards responsible supply and demand of marine products and services. We promote best practices to reduce human pressure on habitats and ecosystems in the use and consumption of the resources. We support the creation of fishing and tourism value chains that reward the commercial players' commitment to environmental and social responsibility. In complement, we impulse the consolidation of technical and financial incentives for environmental conservation and the wellbeing of responsible artisanal fishers and tourism microentrepreneurs in vulnerable populations dependent on the ocean.



Img. 9 Validation of the specimens' maturity size

In alliance with our donors and local partners, relevant progress during 2019 includes:



Img. 10 Training on best practices for responsible fishing and consumption.



Img. 11 Training of artisanal fishers on interpersonal skills.

Responsible fishing and tourism

541 fishers trained for adoption of responsible fishing gear, food safety, business administration basics, and interpersonal skills (Costa Rica, Panama, Colombia).



Img. 12 Responsible fishing workshop.



Img. 13 Traceability of responsible marine product at artisanal receiving centers.

9 responsible fishing commercialization chains strengthened, encompassing 22 productive groups in 16 coastal communities (Costa Rica, Panama, Colombia).

Digital traceability system (mobile application) developed for verification of environmental responsibility and food safety criteria in artisanal fishing product, from the receiving centers to the sales points (Costa Rica, Panama, Colombia).

Updated maximum size, maturity size, and indicators on **vulnerability, resilience, and conservation status** for 152 species of commercial interest (117 in the Pacific) (Costa Rica, Panama, Colombia).

449 tons of artisanal product commercialized/year through **responsible fishing value chains** in Costa Rica, Panama, and Colombia, with traceability up to the final point of sale ensuring respect to species vulnerability, minimum reproduction size, closure season, and selective fishing gear.

Average of 30% **higher price/kilo** received by the artisanal fishers for responsible (versus non-validated) product within the value chains in Costa Rica, Panama, and Colombia.

Selective fishing gear delivered and implemented by 12 community-base groups in Bajo Baudó, Colombia and Gulf of Montijo, Panama.



Img. 14 Artisanal fishers committed to the adoption of responsible fishing gear in Bajo Baudó, Colombia.



Img. 15 Presentation of fishing monitoring results in Chocó, Colombia.

Participatory fishing monitoring implemented in 6 coastal communities in Bajo Baudó, with involvement of 320 artisanal fishers and 44 female cockle collectors, in the sampling of 287 tons of marine product during 12 months and more than 4,000 landings (Chocó, Colombia).

Technical input contributed to inform the establishment of fisheries closures in 72.7 km² of estuary, and for the elimination of non-selective gear in over 500 km² of **exclusive area for artisanal fishing** in Bajo Baudó (Chocó, Colombia).



Img. 16 Coordination for implementation of participatory fishing monitoring in Bajo Baudó (Chocó, Colombia).



Img. 17 Awareness generation in Bogotá, Colombia.



Img. 18 Identification of fishing grounds with artisanal fishers in Gulf of Nicoya, Costa Rica.

Executed awareness campaign on MarViva's '[Standard for Environmental Responsibility in the Commercialization of Marine Fish](#)', including radio outreach to 426.000 target adults and rotation of 100 Optical Point of Promotion and Information (OPPI) units during 9 months in the streets of Bogotá, Colombia.

100 artisanal fishing grounds identified in the internal and central sections in Gulf of Nicoya, to trace the marine product in the framework of MarViva's '[Standard for Environmental Responsibility in the Commercialization of Marine Fish](#)' (Puntarenas, Costa Rica)

Basic **security equipment** improved in fisheries vessels of 15 responsible fishing and rural tourism groups in Gulf of Montijo (Veraguas, Panama).

4 **commercial brands certified** (restaurants and supermarkets) in Costa Rica and Colombia with MarViva's '[Standard for Environmental Responsibility in the Commercialization of Marine Fish](#)', for a total of 53 points of sale that serve- and inform on responsible fishing and consumption- more than 6.5 million customers/year. Certification of 13 additional points of sale (including restaurants, hotels, and processing plants) in process in Costa Rica, Panama, and Colombia.



Img. 19 Blind ceviche tasting event Panama Restaurant.





Img. 20 Fish processing plant working towards the "Shark-free ceviche" certification.



2 processing plants and 1 restaurant certified with MarViva's seal of environmental responsibility "Shark-free ceviche", including awareness campaign with television, radio, and newspapers coverage. The partners serve 1.250.000 customers/year in 37 points of sale in Panama. Certification 1 additional processing plant in process in Costa Rica.



Img. 21 Capacity building for responsible tourism activities in sea turtle nesting beaches.



Img. 22 Juana Rudas Montilla. National Award on Responsible Fishing In representation of 14 responsible fishing groups in Gulf of Montijo, Panama, 2019

291 artisanal fishers and tourism microentrepreneurs in Gulf of Montijo, Panama, trained on risk management.

10 financing and insurance products generated through rural, promotion and private banking, with adaptation to both productive sectors in the coastal communities of Gulf of Montijo, Panama.

Executed awareness campaign 'Labels of the Sea', on responsible consumption of marine products, including television, radio, newspapers, and magazines coverage for the promotion of non-traditional fish species leveraging the labeling of ceviches and artisanal beers (Panama).

Rural tourism community groups strengthened for **remote monitoring** of nesting beaches in the protection of marine turtles (Gulf of Montijo, Panama).

123 tourism microentrepreneurs trained on production best practices and soft skills for **organizational management** (Gulf of Montijo, Panama).

Executed awareness campaign in Panama City, (including television, radio, and social networks), on marine conservation and **responsible whale-watching**.



Img. 23 Media tour to leverage awareness generation on responsible coastal and marine tourism (Gulf of Montijo, Panama)

STRATEGIC FOCUS

CAPACITY BUILDING



Green turtle
Chelonia mydas

Coastal countries in the ETP face significant challenges that limit their proactive and reactive capacity for marine protection and stewardship. Existing technical, political, budgetary, and structural barriers difficult information flow, coordination, and collaboration within the public entities, as well as between complementing institutions of national and regional scope.

MarViva supports local and institutional capacity building to optimize the effectiveness of regulations, strategies, and plans for marine conservation and sustainable development. Through access to information, training, and partnerships among stakeholders, we promote an ecosystemic, multisectoral, and interinstitutional approach to marine stewardship. We offer advisory and technical and scientific training to enhance decision-making as well as the implementation and evaluation of the measures to protect and manage the natural resource. Also, MarViva facilitates the establishment and consolidation of local governance structures, ensuring the insertion of community and civil society sectors in the integral management of marine and coastal areas.

In alliance with our donors and local partners, relevant progress during 2019 includes:

Governance

- 16 diplomatic delegations of Latin American countries trained in support of the development of an international legal instrument for the conservation and sustainable use of marine biodiversity in **areas beyond national jurisdiction**, in the framework of the United Nations Law of the Sea (UNCLOS).



Img. 24 Latin American diplomatic representatives preparing for the United Nations negotiations on high seas management and conservation.



Img. 25 Awareness generation before diplomatic delegations on the need for High Seas governance and sustainable management (New York, USA).



Img. 26 Presentation of The Thermal Dome Initiative before new authorities in Panama's Ministry of Foreign Affairs.

- 23 regional and national officers of 5 Central American countries trained on the conservation and sustainable use of High Seas marine resources in the **Costa Rica Thermal Dome**.

- Commitment ratified on behalf of the Council of Ministers of the **Central American Commission on Environment and Development (CCAD)**, to promote the initiative to protect the sustainability of marine resources in the High Seas area of the Thermal Dome.

- Models for **High Seas governance** and biodiversity protection and conservation promoted before Central American stakeholders and international agencies (including the International Union for Conservation of Nature (IUCN); Conference of the Parties on Climate Change (PRECOP25 and COP25); Convention on Biological Diversity (CBD); United Nations Intergovernmental Conference on Marine Biodiversity of Areas beyond National Jurisdiction (IGC3)).



- 202 community leaders and public officers trained in Colombia and Costa Rica on **public participation, accountability, leadership, and assertive communication** to strengthen governance of marine protected areas and coastal and marine territories.

Img. 27 Capacity building on coastal communities in Costa Rica.



Img. 28 Collaborative analysis and planning among coastal community representatives in Bajo Baudó, Colombia.

- **Participatory management** model created to strengthen governance in the Regional District of Integrated Management Encanto de los Manglares del Bajo Baudó (DRMI-EMBB), Colombia.



Img.29 Zoning workshops of the DRMI enchantment of the Mangroves of Bajo Baudó.



Img.30 Tintorería Island south of Veraguas.



Img. 31,32 Signing of agreements between artisanal and industrial fishermen in the DRMI Encanto de los manglares of Bajo Baudó.



- 17 institutional and local entities involved in **participatory governance** for management of the DRMI-EMBB, Colombia.
- **Voluntary agreement** formalized between the artisanal, semi-industrial, and industrial fisher sectors, for delimitation of 11 km² of fisheries exclusion area in Cabo Corrientes, and 505 km² of artisanal fishing exclusive zone in Bajo Baudó (Chocó, Colombia).

- 28 technical and inspection fisheries officers trained in Panama (emphasis: fisheries monitoring, data capturing and processing) to evaluate resource status and propose **data-driven planning and management** strategies.
- Encouraged adoption of the **Management Plan** for the Managed Resources Area Gulf of Montijo Wetland, in Panama (presentation of an Environmental Communication request before the Technical Secretariat for application of Chapter 17 of the Free Trade Agreement between Panama and the United States).



Img. 33 Media advocacy in favor of accountability and transparency in Coiba National Park



Img. 34 Local stakeholders trained on accountability and transparency.



Img. 35 Capacity building for recovery of State Natural Heritage territories in Terraba-Sierpe Wetlands (Osa, Costa Rica)



Img. 36 Facilitation of internet connectivity in coastal communities

- Enhanced transparency, accountability, and governance in Coiba National Park (CNP), Panama, through **policy and media advocacy** in partnership with NGO, coastal communities and academia, including a press conference 'Threats to governance and management of the Coiba Fund', in media and social networks.
- Strengthened **local governance** of community-base productive groups, through implementation of a monitoring and control tool for accountability and results presentation in the Gulf of Nicoya Network (Red del Golfo), in Costa Rica.
- 5 judicial demands and 18 registry analysis elaborated for the National System of Conservation Areas, in support of **land recovery** processes for State Natural Heritage in the Terraba-Sierpe National Wetland in Costa Rica.
- Enabled access to **high-speed internet** by vulnerable fishing populations in Gulf of Nicoya, Costa Rica, through the promotion of established connectivity in Isla Caballo.

Illegal fishing and trade of marine species

- 6 legislation projects strengthened in Panama and Colombia, for regulations on the protection of marine and coastal resources, including: promotion of responsible fishing criteria and value chains, protection of coral reefs, new general statutes for fisheries, best practices in the use of long lines to reduce bycatch of marine species.
- Policy and media advocacy towards **strengthened legal framework** in Colombia through the emission of resolution 434 of 2019 by the Ministry of Agriculture, eliminating 5.2 tons of shark fins, 3 endangered shark species and 1 gender (including 7 species) from the overall artisanal fishing cuota for 2020.
- Strengthened opposition to the re-establishment of **shrimp trawling** in Costa Rica (Project Bill 21.478), through support to the artisanal fishing sector in Guanacaste and Puntarenas through the organisation of two public demonstrations before Executive and Legislative power authorities, request of work sessions with relevant parliamentary fractions, presentation of a constitutionality consultation before the Constitutional Court with endorsement of 31% of Congressmen, and promotion of negative criteria on the Project Bill on behalf of 4 local governments in the coastal province of Guanacaste.



Img. 37 Peaceful manifestation of artisanal fishers against shrimp trawling in Costa Rica



Img. 38 Artisanal fisher leader, Martín Contreras, explaining the negative environmental and social impacts of shrimp trawling.



Img. 39 Awareness generation in San José, Costa Rica.

- Executed awareness campaign ‘Trawl fishing trawls everything’ (La pesca de arrastre arrasa con todo), to sensitize and educate the citizenship on the environmental, social, and economic damage expected by the reinstatement of this fishery in Costa Rica (estimated outreach: 3 million people through social networks, newspapers, radio, and television).



Img. 40 Awareness generation against shrimp trawling in Costa Rica.

- Executed awareness campaign in favor of shark protection, including social networks, newspapers, radio, television, billboards, OPPI, and the mass activation of 2 aquariums in shopping centers in Costa Rica (estimated outreach: 2 million people).



img. 41 'Under the Waves' Aquarium in Multiplaza Mall in San José, Costa Rica, to raise public awareness on marine biodiversity and conservation.

NUEVA EMISIÓN POSTAL

MUSEO FILATÉLICO | CORREOS DE COSTA RICA

Sobretasa Pro-Ciudad de los Niños, 2019

Especie: sobretasa postal
 Primer día de circulación: 2 de diciembre, 2019
 Valor facial: 70 colones.
 Número del tiraje: 150.000 (37.500 c/u)

Motivo: fotografías de Pez Sierra (Pristis pristis), Tiburón Ballena (Rhincodon typus), Tiburón martillo (Sphyrna lewini) y Manta Raya (Mobula birostris) especies marinas en peligro de extinción
 Diseñador: Cristian Ramírez Vargas.

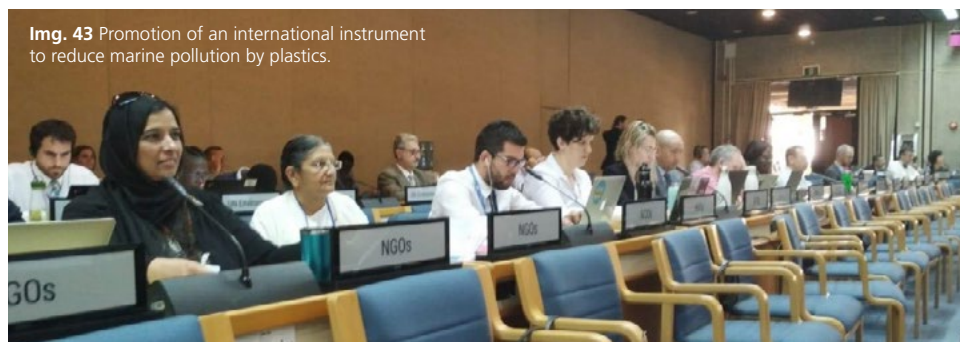



ADQUIÉRALA EN: VENTANILLA FILATÉLICA | TIENDA VIRTUAL | CUENTA CORRIENTE

Ubicada en el Edificio de Correo Central | www.correos.go.cr | Información al: 2223-6918

Img. 42 Postal emission on marine species (Costa Rica)

- Hammerhead shark and saw fish images proposed by MarViva selected by Costa Rica Post Office to illustrate the postal emission **commemorative of marine species** (special print run of 150,000 units for national and international shippings, and exhibition in philately museums worldwide).



Marine pollution

- Best practices against marine pollution incorporated in the compendium of recommendations of the Southern Pacific Permanent Commission (CPPS), in the framework of the **Regional Program for Integral Waste Management in the Southeast Pacific**.
- International legal instrument promoted to reduce marine pollution by **single-use plastics** through participation in the 'Special Experts Group on marine litter and microplastics', of the United Nations Environment Program (UNEP).



Img. 44 Promotion of #ChaoPlásticoDesechable (chao disposable plastic) campaign before congress representatives in Costa Rica.



Img. 45 Training of municipal authorities in Costa Rica on the negative environmental and social impacts of single-use plastics.

- 10 **legal projects** strengthened in Costa Rica, Panama, and Colombia, including proposals for the enhancement of solid waste management and the regulation and/or prohibition of single-use plastics, styrofoam, and polystyrene.
- 151 officers trained in Costa Rica, Panama, and Colombia, on the negative ecological and socioeconomic impacts of **marine pollution by plastic waste**, contamination sources, ways of consumption, and means to reduce their use in daily operation of local government entities.



Img. 46 Training of commercial stakeholders on voluntary measures to reduce the use of single-use plastics.



Img. 47 Commercial establishments joining the voluntary commitment towards #ChaoPlásticoDesechable (good-bye single-use plastics).

- 26 commercial establishments (businesses, restaurants, hotels)- 42 to date- committed with the adoption of **voluntary measures** to reduce the use of disposable plastics.
- Executed awareness campaign #ChaoPlásticoDesechable (Good-bye Single-use plastic) in Costa Rica, Panama, and Colombia, on the impact of **disposable plastics** in marine habitats and ecosystems (including social networks, newspapers, radio, television).
- Collaboration agreements established with the local governments of Panama City (Panama), Nicoya and Santa Cruz (Costa Rica), for implementation of **municipal regulations** to reduce single-use plastics.
- Strengthened legal and institutional framework in Costa Rica, through drafting contribution in **approved laws** N°. 9703 (for the prohibition of expanded polystyrene) and No. 9876 (to combat plastic pollution and protect the environment).



Img. 48 Awareness generation on best practices to reduce marine pollution by plastics during annual pilgrimage in Costa Rica.

- Mass activations executed in Costa Rica, including the celebration of 'World's Ocean Day' (+3,600 people) and the Pilgrimage of the Virgen de los Ángeles, for public awareness on the damaging impact of single use plastics over marine sustainability, as well as alternatives as **responsible consumers** (outreach: at least 1 million people, and media coverage).



Img. 49 Awareness generation to encourage reduced demand of disposable plastic bottles #ChaoPlásticoDesechable.

- Executed awareness campaign in Costa Rica #MiÚltimaPajilla (My Last Straw) #ChaoPlásticoDesechable, aimed to the general public, encouraging the **rejection of disposable plastics** (estimated outreach: 2 million people, through social networks, newspapers, radio, and television).



Img. 50 Awareness generation to encourage reduced demand of disposable plastic straws #ChaoPlásticoDesechable.

- **Technical intervention** in 3 public audiences towards the ban of disposable plastics in Colombia, with outreach to over 150 decision makers, including members of the national government, Congress, and the industry.



Img. 51 #ChaoPlástico Desechable 5K race in Panama City.



Img. 52 #ChaoPlástico Desechable 5K race in Panama City.

- First '#ChaoPlásticoDesechable 5k Race' in Panama, to raise civil society's awareness on best practices for environmental and market responsibility (broadcasted by 7 national newspapers, 2 television stations, 3 digital news programs of national scope, and sponsors' social networks).
- Executed press conference on the impact of **microplastics** in coastal areas, with outreach to 600,000 people in Panama.

Img. 53 More than 80% of Marine pollution comes from land sources.





PUBLICATIONS 2019



- [Customs manual for fishery products \(Colombia\)- Spanish](#)
- [Customs manual for fishery products \(Costa Rica\)- Spanish](#)
- [Customs manual for fishery products \(Panama\)- Spanish](#)
- [Resources of Commercial Interest in the ETP Seascape \(CMAR\)- Spanish](#)
- [Marine and coastal atlas of Bajo Baudó \(Colombia\)- Spanish](#)
- [International trade of sharks and rays \(Costa Rica, Panama, Colombia\)- Spanish](#)
- [The Thermal Dome of Costa Rica Atlas- Spanish](#)
- [The Thermal Dome of Costa Rica Atlas- English](#)
- [Recovering Natural State Heritage: Terraba-Sierpe National Wetland \(Costa Rica\)- Spanish](#)
- [Risk in face of climate change for artisanal fishing and rural tourism in Gulf of Montijo \(Panama\)- Spanish](#)
- [Lani and Keoni in a sea of dangers- Spanish](#)
- [Between Tides: Responsible Gastronomy- Spanish](#)
- [MarViva Foundation: Informe Anual 2018- Spanish](#)

Our publications are available in MarViva's [Virtual Library](#) (2002-2019).



Whale shark
Rhincodon typus
at Coiba National Park, Panama

In complement, MarViva constantly produces diverse **informative materials** in support of our lines of work, for example:



Infographics:

- [The Costa Rica Thermal Dome \(High Seas\)- Spanish](#)
- [The Costa Rica Thermal Dome \(High Seas\)- English](#)
- [#ChaoPlásticoDesechable: We need to change our consumer habits 1- Spanish](#)
- [#ChaoPlásticoDesechable: We need to change our consumer habits 2- Spanish](#)
- [# ChaoPlásticoDesechable: Disposable bags- Spanish](#)
- [International trade of sharks and rays \(Costa Rica, Panama, Colombia\)- Spanish](#)
- [International trade of sharks and rays \(Costa Rica, Panama, Colombia\)- English](#)
- [Wetlands and their relation to State Natural Heritage \(Costa Rica\)- Spanish](#)
- [Multisectoral fisheries planning in Gulf of Chiriquí \(Panama\)- Spanish](#)



Brochures:

- [Participatory Fishing Monitoring in DRMI Encanto de los Manglares del Bajo Baudó \(Colombia\)- Spanish](#)



Apps (web and mobile):

- [Story Map: Plan for a Sustainable Pacific- Spanish](#)
- [Story Map: Coastal and Marine Atlas of Bajo Baudó- Spanish](#)
- [Story Map: Regional District of Integrated Management Encantos del Manglar del Bajo Baudó- Spanish](#)
- [Geoportal: The Costa Rica Thermal Dome- Spanish](#)
- [Guide to Responsible Consumption of Marine Fish \(Costa Rica, Panama, Colombia\) \(update\)- Spanish \[AppStore\]\(#\) \[PlayStore\]\(#\)](#)



Videos:

- [Rural tourism \(Panama\)- Awakening of the birds- Spanish](#)
- [Rural tourism \(Panama\)- Route of the turtle- Spanish](#)
- [Rural tourism \(Panama\)- Coiba- Spanish](#)
- [Rural tourism \(Panama\)- Gulf of Montijo- Spanish](#)
- [Climate change adaptation \(Panama\)- Artisanal fishing and rural tourism- Spanish](#)
- [Artisanal fishing \(Colombia\)- Responsible fishing value chains in Bajo Baudó- Spanish](#)
- [Artisanal fishing \(Colombia\)- Responsible fishing in Bajo Baudó- Spanish](#)
- [Marine conservation \(Costa Rica\)- Beneath the waves- Spanish](#)
- [Marine conservation \(Costa Rica\)- Let's protect sharks- Spanish](#)
- [Marine conservation \(Costa Rica\)- Protecting sharks- Spanish](#)
- [Plastic pollution \(Costa Rica\)- #MiÚltimaPajilla \(My Last Straw\) #ChaoPlásticoDesechable- Spanish](#)
- [Plastic pollution \(Costa Rica\)- Pilgrimage #ChaoPlásticoDesechable- Spanish](#)
- [Marine Spatial Planning \(Costa Rica\)- Natural State Heritage- Spanish](#)
- [Illegal fishing and trade of marine species \(Costa Rica\)- Shrimp farming 1- Spanish](#)
- [Illegal fishing and trade of marine species \(Costa Rica\)- Shrimp farming 2- Spanish](#)
- [Illegal fishing and trade of marine species \(Costa Rica\)- Shrimp farming 3- Spanish](#)
- [Responsible tourism and consumption \(Costa Rica\)- Coco Island- Spanish](#)
- [Responsible fishing and consumption \(Costa Rica\)- Commercialization of responsible artisanal fishing- Spanish](#)
- [Capacity building \(Costa Rica\)- Social progress for integral coastal development- Spanish](#)

PARTICIPATION IN TECHNICAL FORA AND INTERNATIONAL CONFERENCES



Marine Spatial Planning experiences in Costa Rica

Monteverde Institute

San José, Costa Rica; January 2019

Experiences on adaptation of artisanal fishing and coastal tourism

Blue Agenda Workshop (Ministry of Foreign Affairs)

San José, Costa Rica; January 2019

The Thermal Dome and spatial fisheries data

Firends of Coco Island Foundation

San José, Costa Rica; February 2019

Adapting fishing and tourism to climate change in Gulf of Montijo, Panama

Symposium on Climate Change Adaptation in Latin America (Catholic University of Perú)

Lima, Perú; February 2019

Solidary economy and community initiatives for sustainable and innovative corporate development

Global Major Groups and Stakeholders Forum (UNEP Assembly)

Nairobi, Kenya; March 2019

How to achieve more responsible and resilient organizations

International Week of Civil Society (Resilient Roots)

Belgrade, Serbia; April 2019



Img. 54 III MSP Forum.



Img. 55 XXIII Colombian Congress on Geography.



Img. 56 Side event at IGC3 for the presentation of the Thermal Dome Atlas (New York, USA)

MarViva Methodology for Marine Spatial Planning III MSP Forum

Vigo, Spain; May 2019

International Panel on Climate Change

Climate change adaptation, resilience, and learnings (MarViva-IDBLAB)
Veraguas, Panama; May 2019

Initiative to Protect the High Seas in the Costa Rica Thermal Dome

Regional Conservation Forum (IUCN)
Antigua, Guatemala; May 2019

Challenges of participatory conservation models

Marine fisheries in Colombia- "Integral policy for sustainable fishing"
(Second Fulbright Lecture)
Santa Marta, Colombia; June 2019

Marine Spatial Planning in managed protected areas: Gulf of Tribugá and Bajo Baudó

XXIII Colombian Congress on Geography
Bogotá, Colombia; October 2019

Fish certification and responsible consumers

WOK Restaurants
Bogotá, Colombia; July 2019

Value chains, synergies for conservation of biodiversity

"Synergies of the Pacific" (Forever Costa Rica)
Puntarenas, Costa Rica; July 2019

New biological data for High Seas planning and management: the case of the Costa Rica Thermal Dome

UN Intergovernmental Conference on Marine Biodiversity in Areas
Beyond National Jurisdiction (side event)
New York, United States; August 2019

High Seas biodiversity and the UN Implementing Agreement

Ministry of Environment and Sustainable Development

Buenos Aires, Argentina; September, 2019

The Costa Rica Thermal Dome and Sustainable Development in the Eastern Tropical Pacific

CPPS Southern Pacific Regional Workshop (UN Decade of Marine Science for Sustainable 2021-2030)

Guayaquil, Ecuador; September 2019

Marine Spatial Planning in Bajo Baudó

III Latin American Congress on Protected Areas

Lima, Peru; October 2019

Fisheries productivity and mangement effectiveness of conservation strategies and protected areas in the Colombian Pacific (2010-2018)

National Congress on Marine Science and Technology

Barranquilla, Colombia; October 2019

Legal experience on Panama Bay Wetland: the case of the Gulf of Montijo Wetland Governance and transparency for migratory species conservation

8th Meeting of the Western Hemisphere Shorebird Group

Panama City, Panama; October 2019



Img. 57 III Latin American Congress on Protected Areas.



Img. 58 National Congress on Marine Science and Technology.

Climate change adaptation in coastal areas: inputs to strengthen resilience of vulnerable communities.

Climate risk and adaptation of coastal productive activities

Preparatory meeting for the UN Conference of the Parties on Climate Change (PreCOP 25)

San José, Costa Rica; October 2019

A conference on climate change

Productive resilience of coastal communities in face of climate change

Preparatory meeting for the UN Conference of the Parties on Climate Change (PreCOP 25)

San José, Costa Rica; October 2019

Responsible artisanal fishing value chains: cases in Colombian Chocó

AgriBusiness Symposium (University of La Salle)

Bogotá, Colombia; October 2019

The model of aquaculture in coastal communities and the industry

La Qua 19: Latin American & Caribbean Aquaculture 19

Herradura, Costa Rica; November 2019

Artisanal fishing as a green business in conservation

Forum of green businesses and undertakings in the framework of biodiversity and cultural conservation (Pontificia Javeriana University)

Bogotá Colombia; November, 2019



Img. 59 AgriBusiness Symposium, University of La Salle, Colombia



Img. 60 72th Annual Meeting of Gulf and Caribbean Fisheries Institute, Dominican Republic.



Img. 61 Convention on Climate Change, COP25 (French pavillion).

Using drones with thermal sensors to monitor sea turtle nesting beaches

72th Annual Meeting of Gulf and Caribbean Fisheries Institute
Punta Cana, Dominican Republic; November 2019

The Costa Rica Thermal Dome and carbon sequestration in the Eastern Tropical Pacific

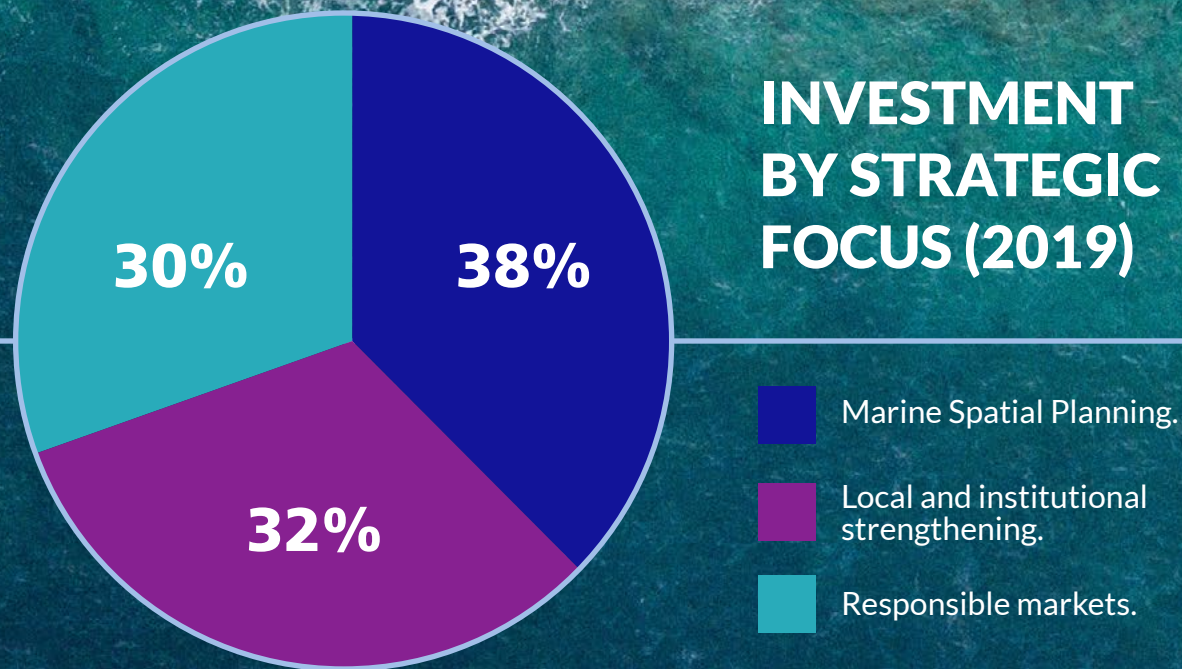
Convention on Climate Change, COP25 (French pavillion)
Madrid, Spain; December 2019

MPA in the Eastern Tropical Pacific: Lessons learned Global MPA Support Project and technical workshop

UNEP- IAD (International Agency for Development-Italy)
Rome, Italy; December 2019

FINANCIALS

In partnership with our donors, during 2019, **Mariva Foundation** invested **US\$2,175,460** towards marine spatial planning, responsible markets, and capacity building for enhanced marine stewardship in Costa Rica, Panama, Colombia, and the ETP:



MarViva's audited financial statements are available in <http://www.marviva.net/en/accountability>.

Thank you



MarViva Foundation makes progress thanks to the commitment and endorsement of our:

Founders, Dr. Stephen Schmidheiny and Erica Knie (RIP, 2010)

Collaborators in Costa Rica, Panama, and Colombia

Allies in project implementation, including government authorities, local leaders, community-base groups, private companies, scientific community, NGO, communications media.

Board of Directors: Roberto Artavia, Gian Castillero, Sibylle Feltrin

Financial and Public Relations advisors: Alonso Betancourt, Cristian Navarro, Marina Ramírez

We specially appreciate our **donors'** financial and technical support to MarViva's operation during 2019, including:

- Viva Trust
- Interamerican Development Bank-MIF
- German Ministry of Environment (IKI)-GOBI
- Islas Secas Foundation
- Pew Charitable Trust
- United States Department of State
- PLAN Foundation
- Civicus
- Lotex Foundation
- United States-Costa Rica Debt for Nature Swap
- National Geographic
- Waitt Foundation

of media and corporate **partners** that support our programs through valuable in kind donations, such as:

- JC Decaux
- Grupo Roble
- Marketmedios
- Comunicación Corporativa
- Feedback International
- Thermal PTY
- Mercadeo Dirigido
- Grupo Nación

and MarViva's multiple **friends** who contribute personal or institutional donations to advance our work.

Thank you for supporting our mission towards marine conservation and sustainability!



Blue whale
Balaenoptera musculus



MarViva Foundation, established since 2002, is a regional, non-profit NGO, with mission to promote the conservation and sustainability of coastal and marine resources in the Eastern Tropical Pacific.

Contact:

Costa Rica **+506 4052-2500**

Panama **+507 317-4350**

Colombia **+571 743-5207**

info@marviva.net

Social networks:

Web: **www.marviva.net**

 **FundacionMarViva**

 **@MarVivaCOL @marvivapanama @Marvivacr**

 **@Fundacionmarviva**

Donations: <https://marviva.net/en/donate>

