



# Changes & Challenges for Marine Conservation in Costa Rica





# And... So It begins





After El Salvador, Costa Rica is the smallest country with 51,100 km<sup>2</sup>

Boundaries: North with Nicaragua, South with Panamá, East Caribbean Sea, West Pacific Ocean





# Real Map of Costa Rica



Largest Country in Central America:  
640,000 Km<sup>2</sup>

**MAR TERRITORIAL**  
**MAR PATRIMONIAL**  
Territorio Marino total: 589 682 km<sup>2</sup>

Bordering Countries:  
Nicaragua Panamá  
Colombia, Ecuador & the High Seas

Last Year:  
We changed The School Maps



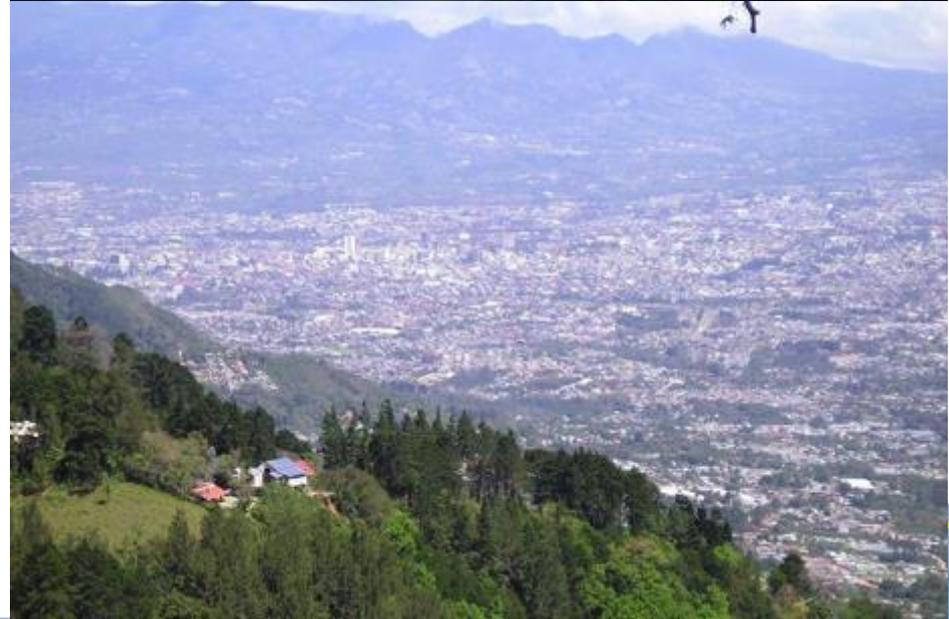


*Our Vision of the Sea:*

A Cultural Idiosyncrasy  
A Highlander-Perspective

*The Sea:*

Pests & Pirates





We gave away the Sea to:



**About 600 artesanal boats**



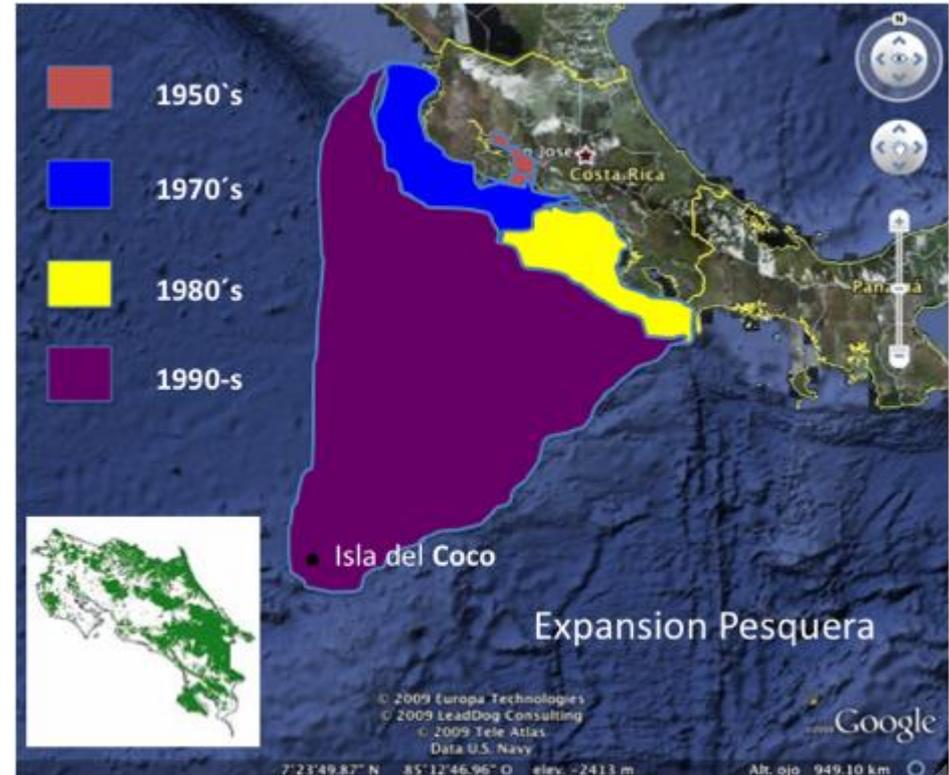
**About 300 foreign tuna boats**





# Fishing Activities

- Started in 1950s (The Shrimp-Cocktail Era)
- Expansion of Shrimp-Trawling Fleet with maximum in the 1980s
- Long-lining allowing fishing in deeper waters.
- Tuna fleet restricted at 30 nm offshore is 100% foreign.
- International Trade fueled the expansion. Even Today





# Free Hand for Destructive Uses





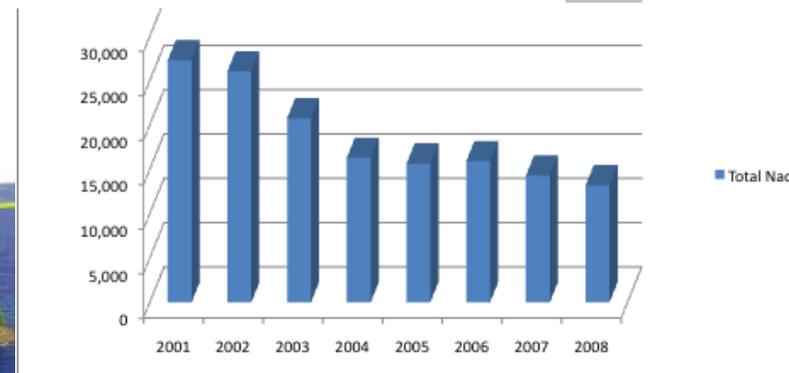
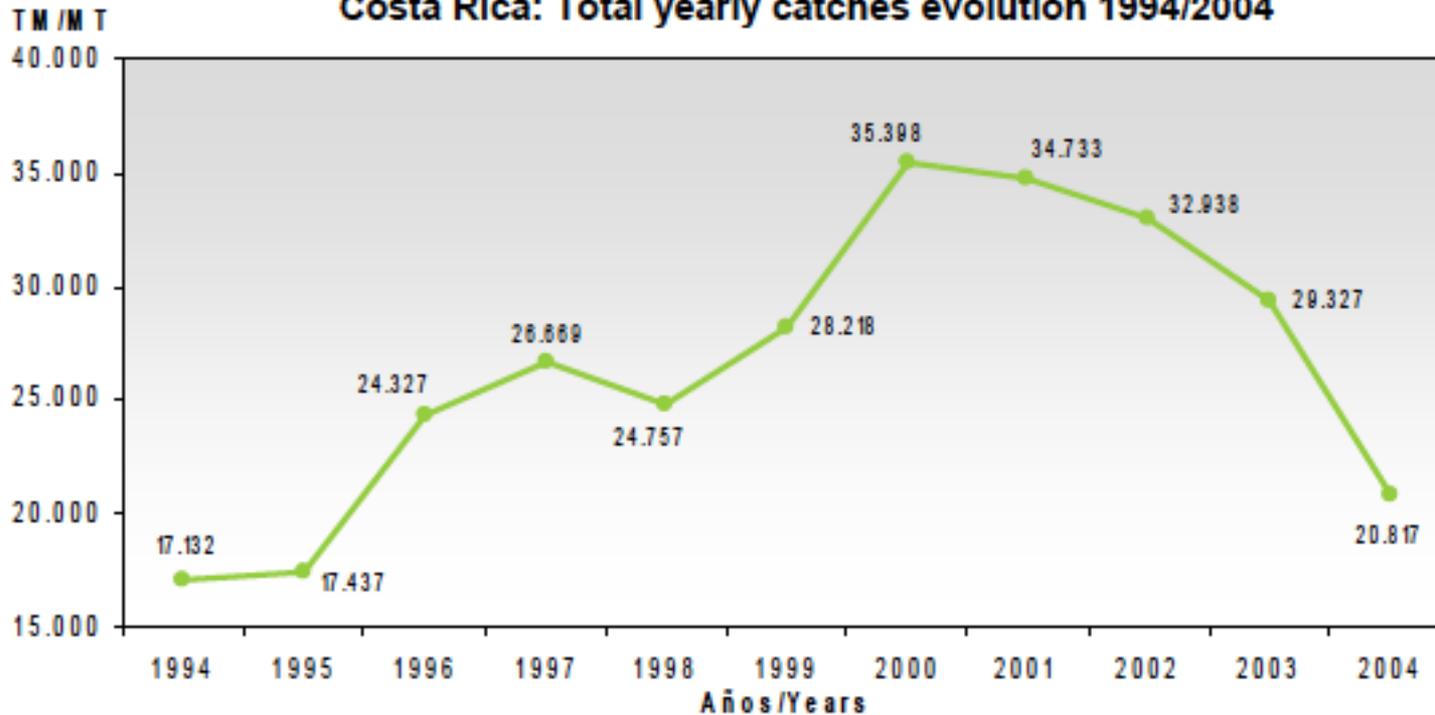
# More Recently





# Landings National Fleet

Costa Rica: Evolución anual del volumen total de capturas 1994/2004  
Costa Rica: Total yearly catches evolution 1994/2004





# Disregard for Water Quality Issues





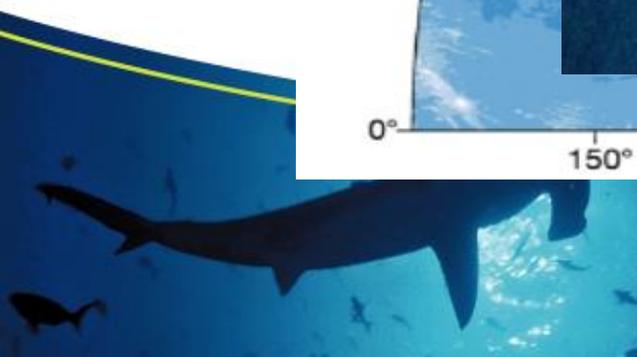
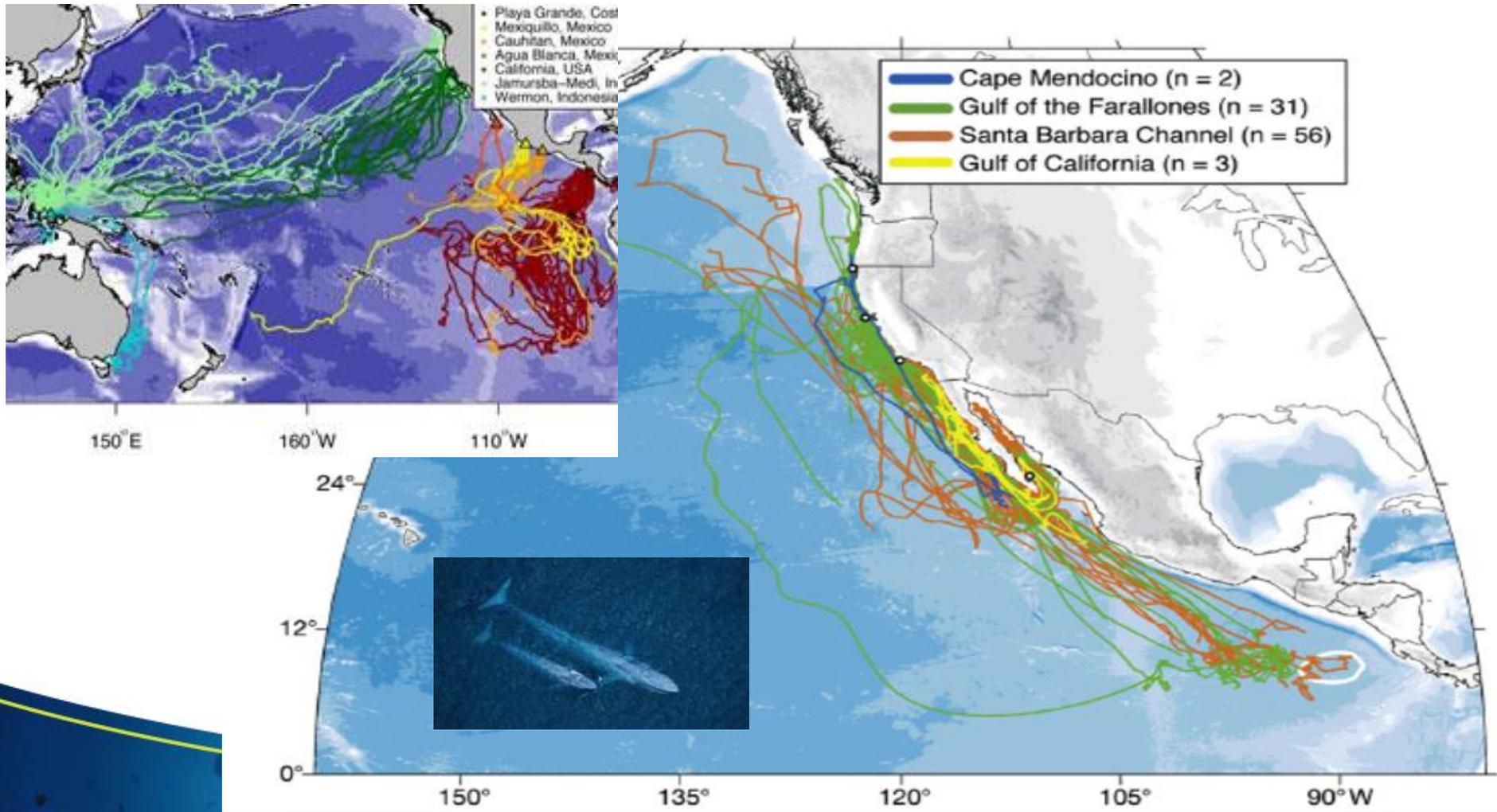
# Last Decade: Growing Awareness on

**Biological Richness  
Commercial Opportunities**

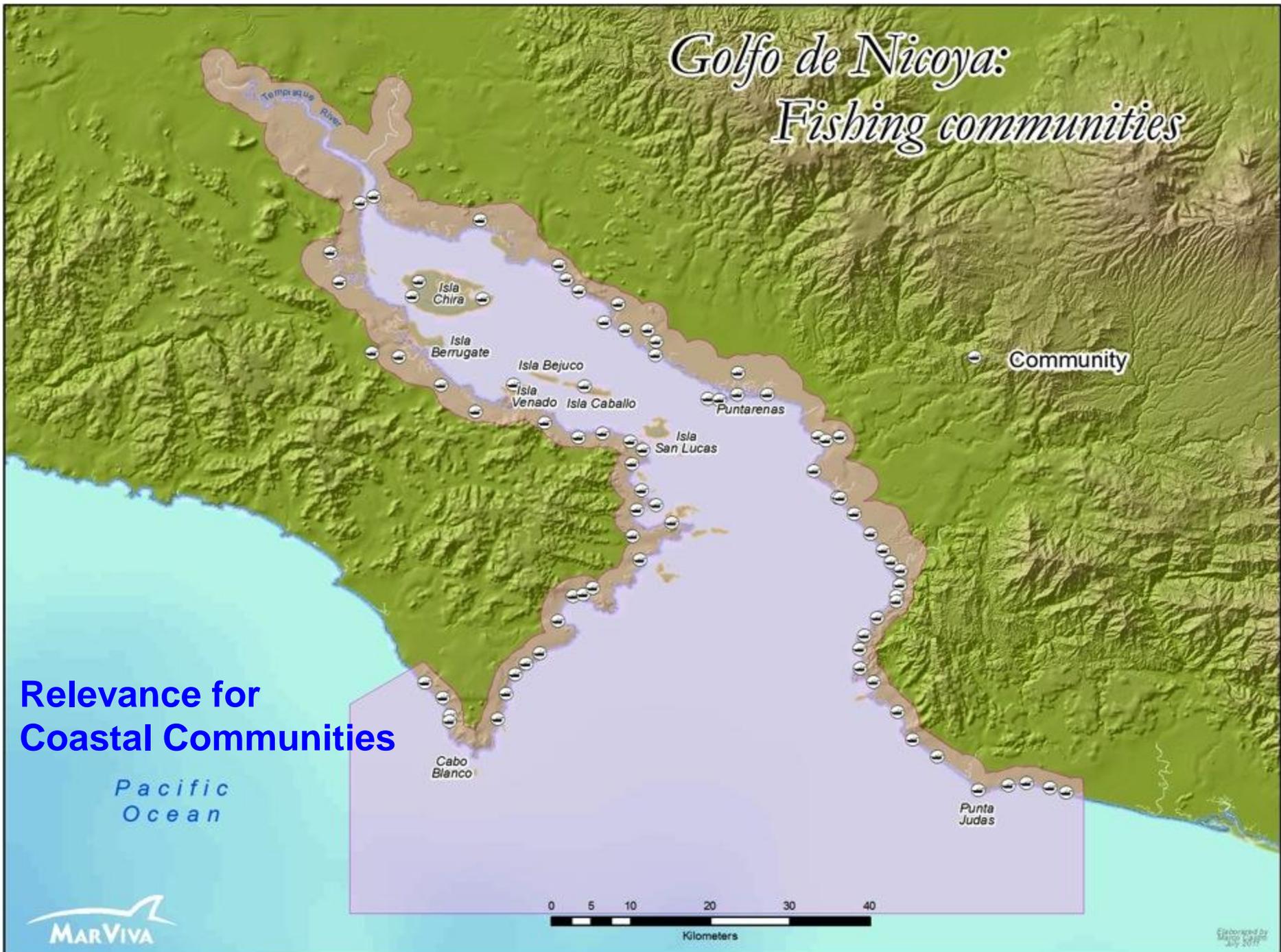




# Connectivity with other regions



# *Golfo de Nicoya: Fishing communities*

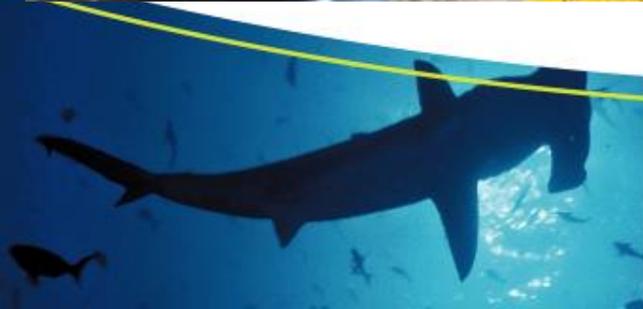


**Relevance for  
Coastal Communities**

*Pacific  
Ocean*



# Communication Campaigns





Le invita a la presentación y cine foro:

## THE END OF THE LINE

### Un mundo sin Peces

Dirección: Rupert Murray  
Narración: Miguel Bose

El primer documental sobre el efecto devastador de la sobrepesca mundial. Explora la inminente extinción del atún rojo y las profundas implicaciones de un futuro mundo sin peces.

Fecha: miércoles 27 de abril de 2011  
Lugar: Cine Mogaly  
Hora: 6:30 p.m.  
Entrada gratuita.

Fundación MarViva... por una pesca responsable

[www.mundossinpeces.marviva.com](http://www.mundossinpeces.marviva.com)

Espacio para 500 personas, por favor confirme su asistencia antes del 25 de abril a:  
[unmundossinpeces@marviva.net](mailto:unmundossinpeces@marviva.net) o al teléfono 2290-3647.





# Media Coverage





# An Informed Society: a conservation ally



Manual de Acceso a la  
Información y  
Participación Ciudadana en  
Temas Ambientales





## ÁREAS MARINAS PROTEGIDAS Y ÁREAS MARINAS DE PESCA RESPONSABLE DEL PACÍFICO DE COSTA RICA

Las áreas marinas protegidas son espacios del mar reservados para fines variados, entre ellos conservación marina, recreación, turismo y en algunos casos el aprovechamiento sostenible de sus recursos. Su manejo está a cargo del Sistema Nacional de Áreas de Conservación (SINAC).

Las áreas marinas de pesca responsable son sitios donde se utilizan artes de pesca selectivos destructivos para que las especies comerciales puedan recuperarse y mantenerse para siempre. Su manejo está a cargo del Instituto Nacional de Pesca y Acuicultura (INCOPESEA).

La idea final de ambos espacios es mantener los cobanos saludables, para el disfrute de las personas y el mejoramiento de la calidad ambiental y de vida.

Para más información, consulte:  
<http://www.areasmarinaprotectadas.com/>  
<http://www.marviva.net/>



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Proyección Transversal de Mercator - Zona Rica (CRTM04)  
 Datum Cartesiano CRTM04

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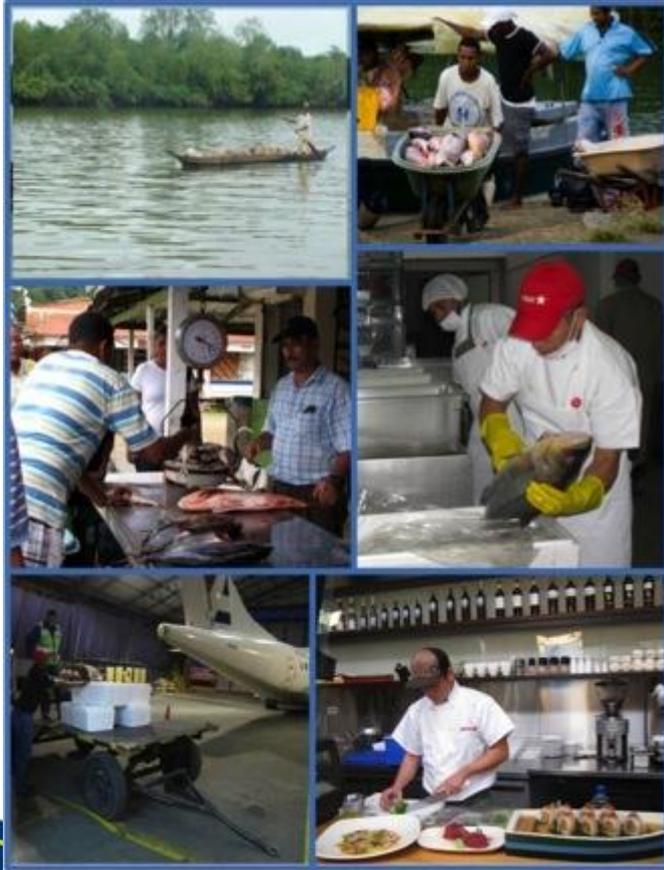
# COSTA RICA: Áreas Marinas de Pesca Responsable establecidas a Diciembre del 2012





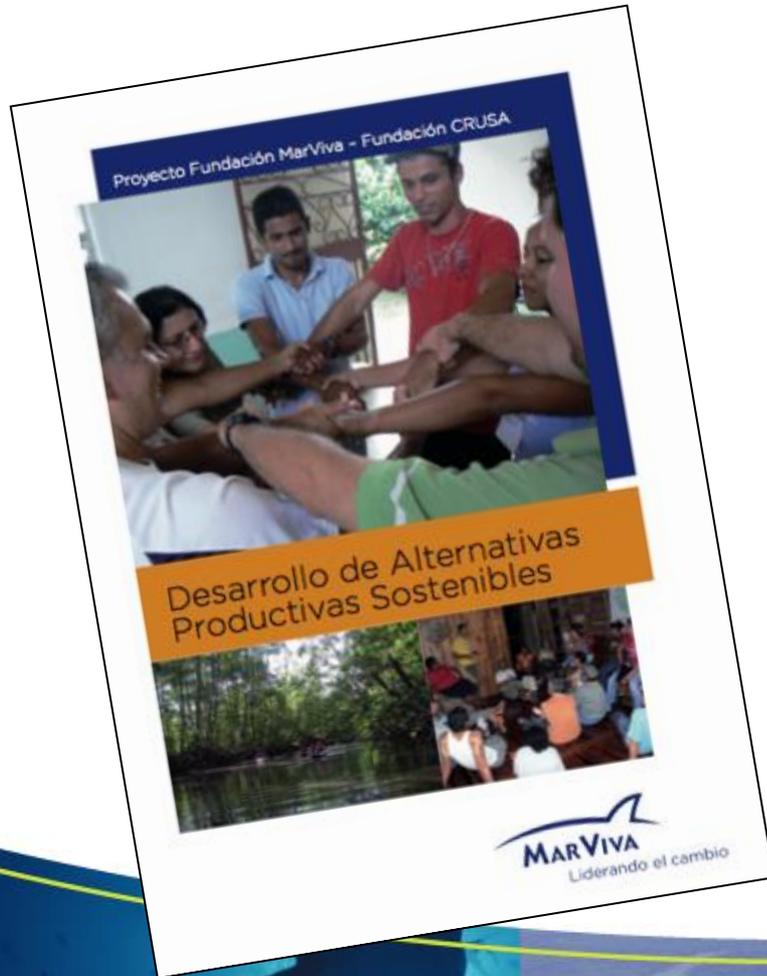
# Value Chains:

Market Ready to Pay for Good Management





# Sustainable Markets:





# Institucional Changes

- Process to Re-structure Fisheries Agency
- Legal Suit at Supreme Court to stop shrimp Trawling





Una Guía de Conceptos  
y Pasos Metodológicos

Ordenamiento  
Espacial Marino

## Methodological Guide for MSP Processes

- How is the Area?
- How we want the area to be?
- How we reach the desired Scenario?
- How we are sure we are getting there?

**“The Need to Decide is Bigger than  
Our Capacity to Understand”**





# MSP: A Highly Participatory Process





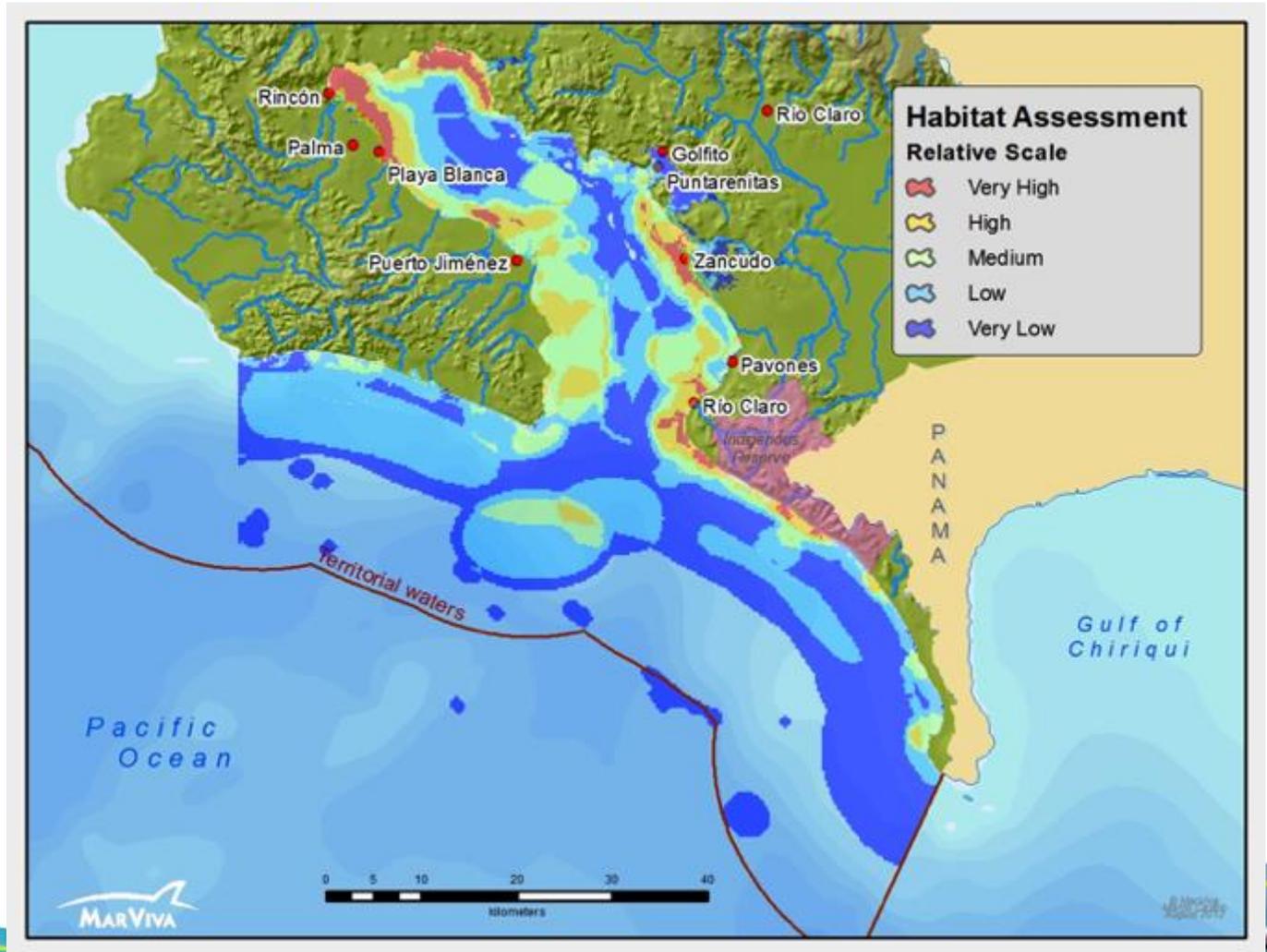
# Users & Experts Working Together



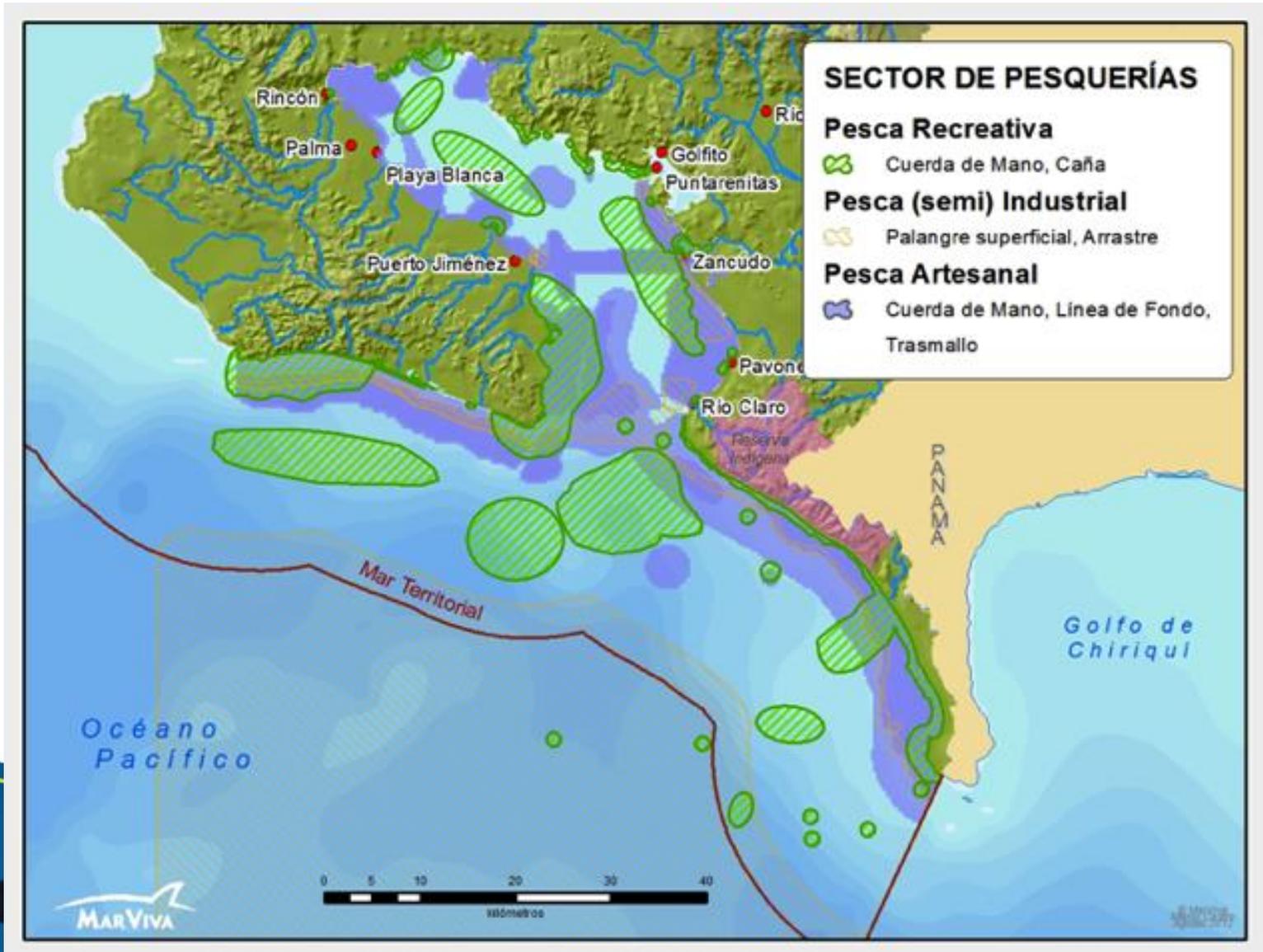
# Critical Habitats Identification



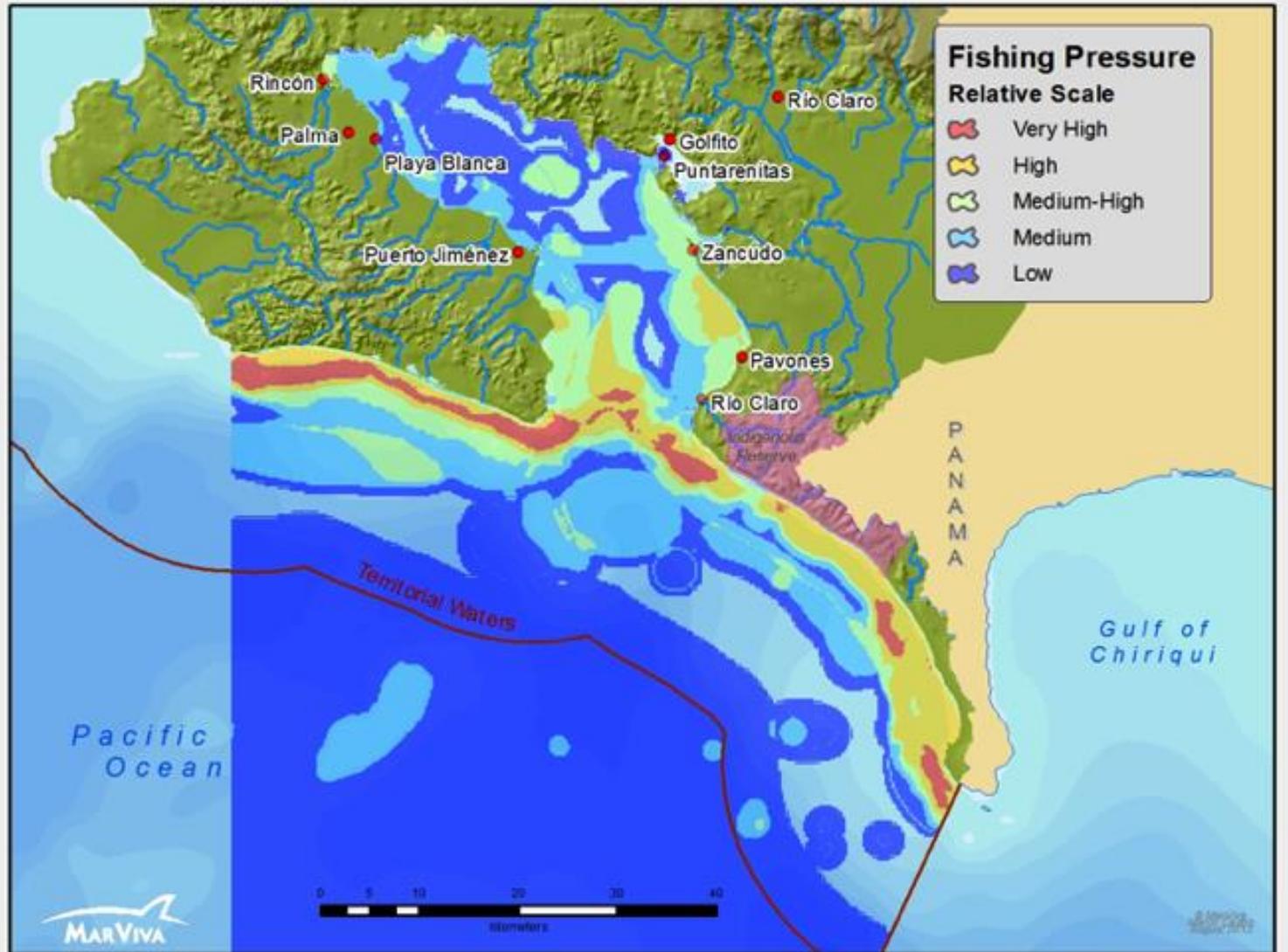
# Habitats Valuation



# Uses Areas

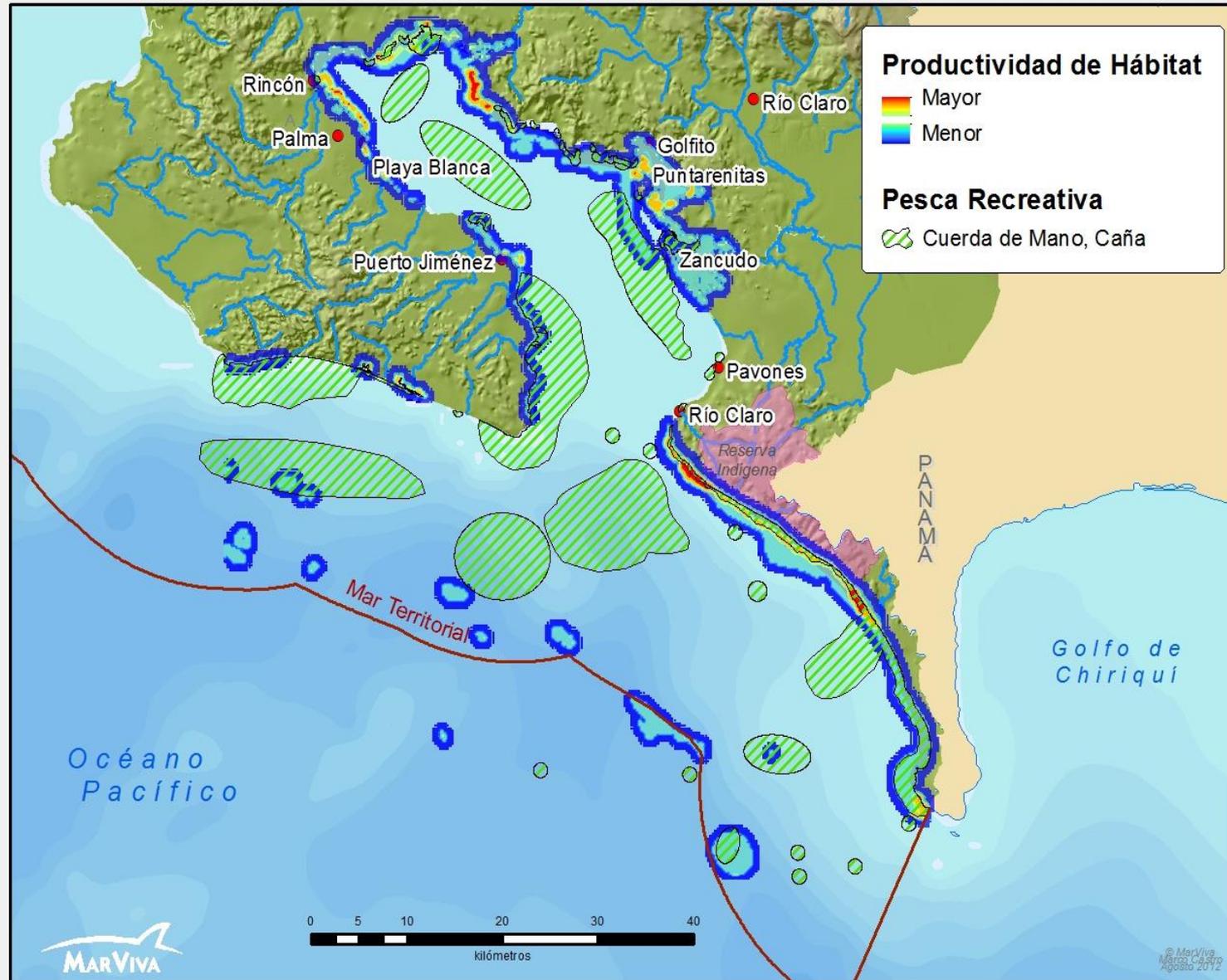


# Use Valuation



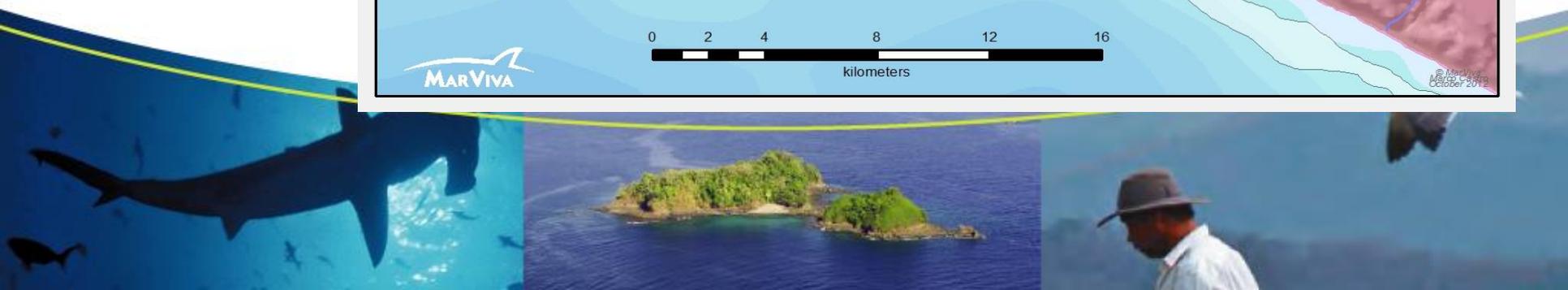
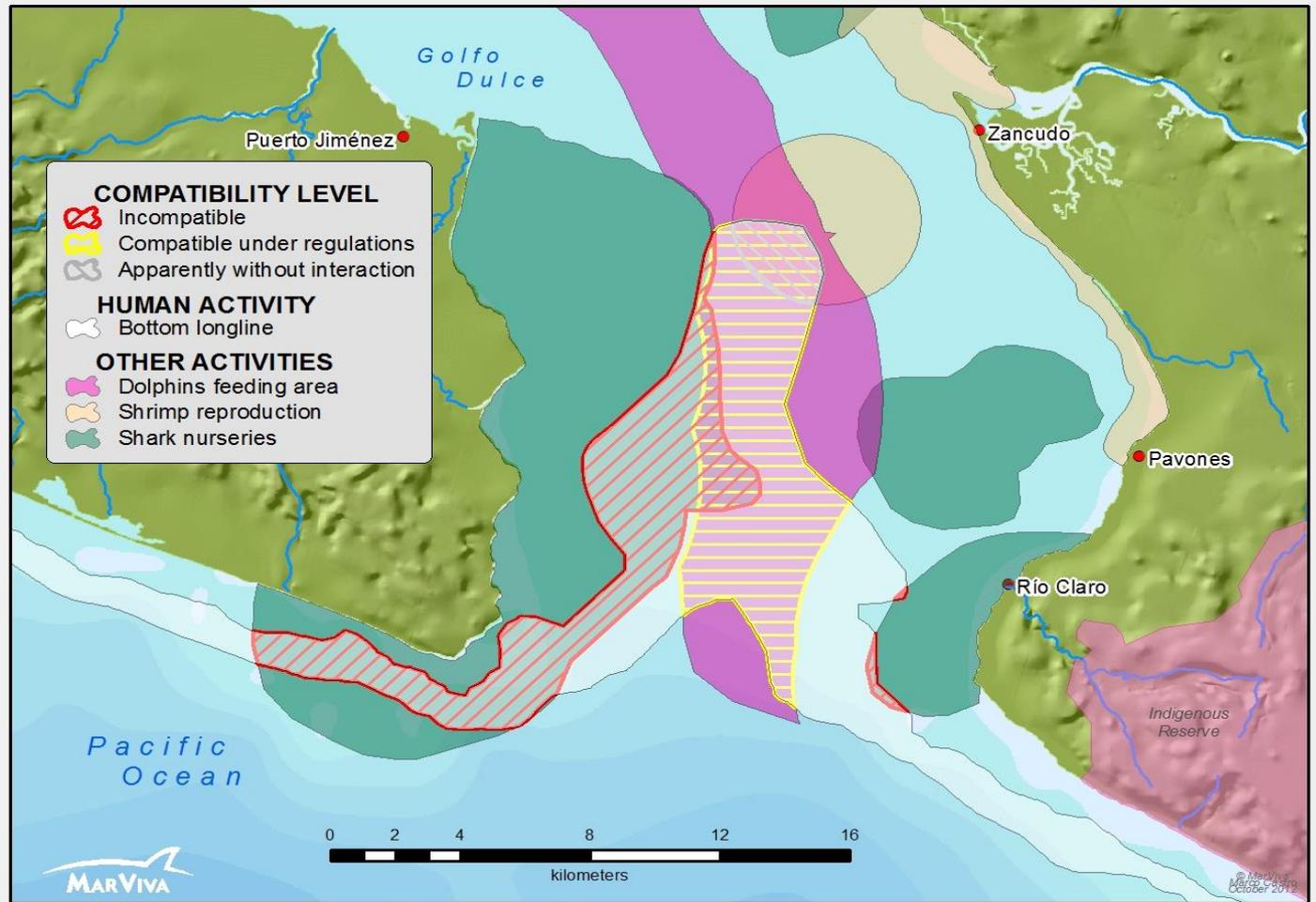
# Como se encuentra el Área de análisis?

## Overlap Between Habitats and Uses

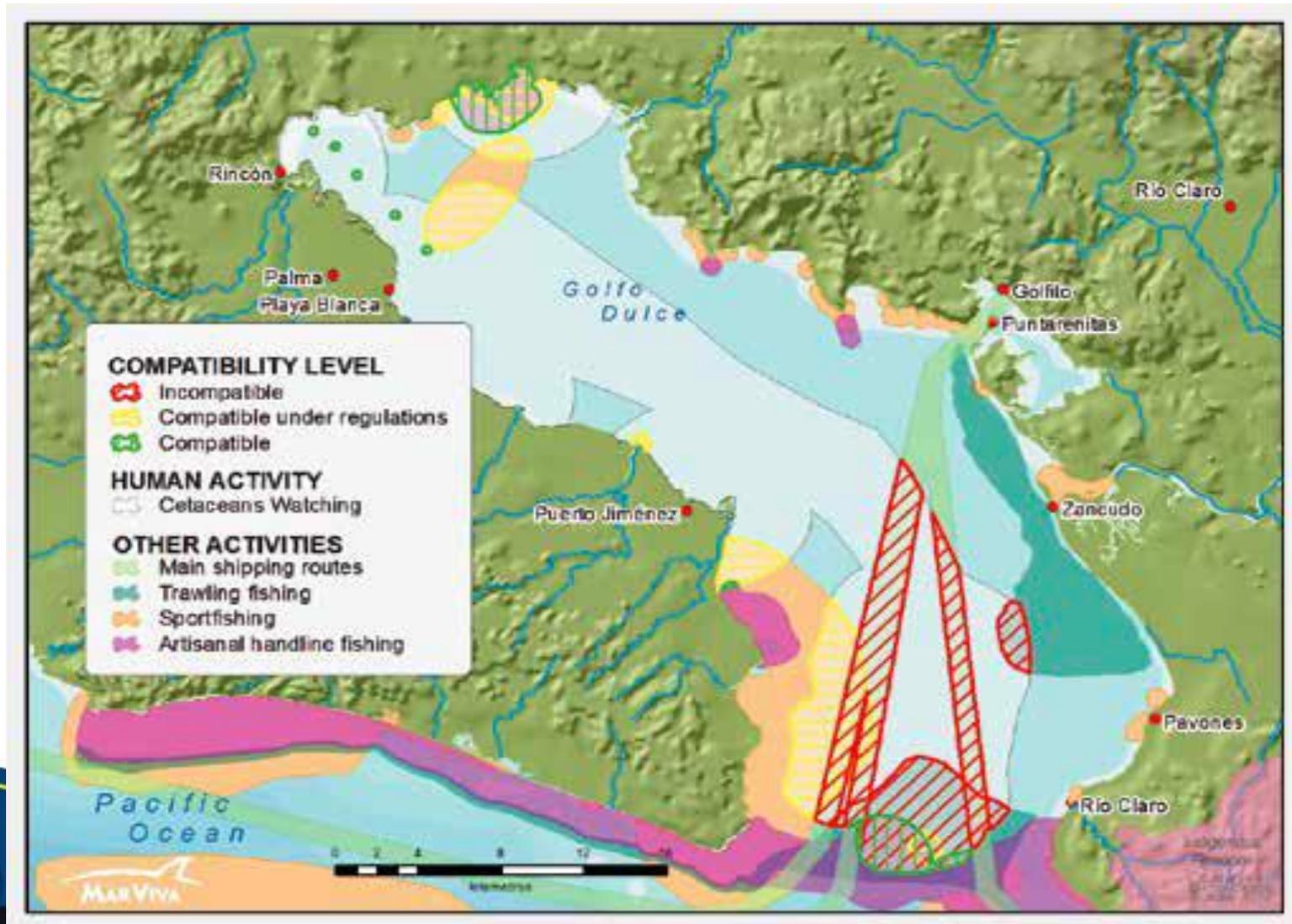


# Compatibility Uses-Habitat

## Compatibility bottom-fishing and habitats



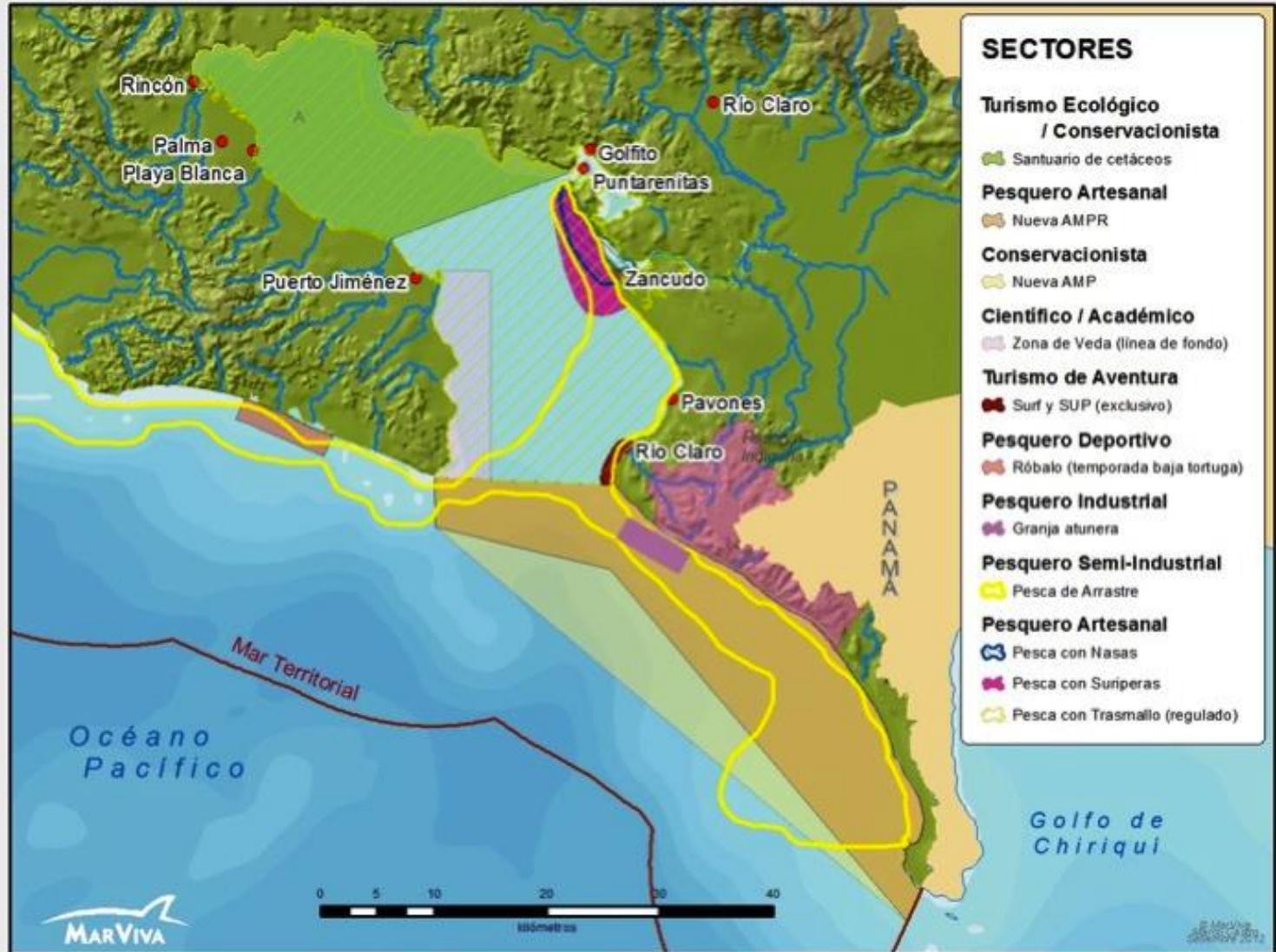
# Compatibility Use-Use



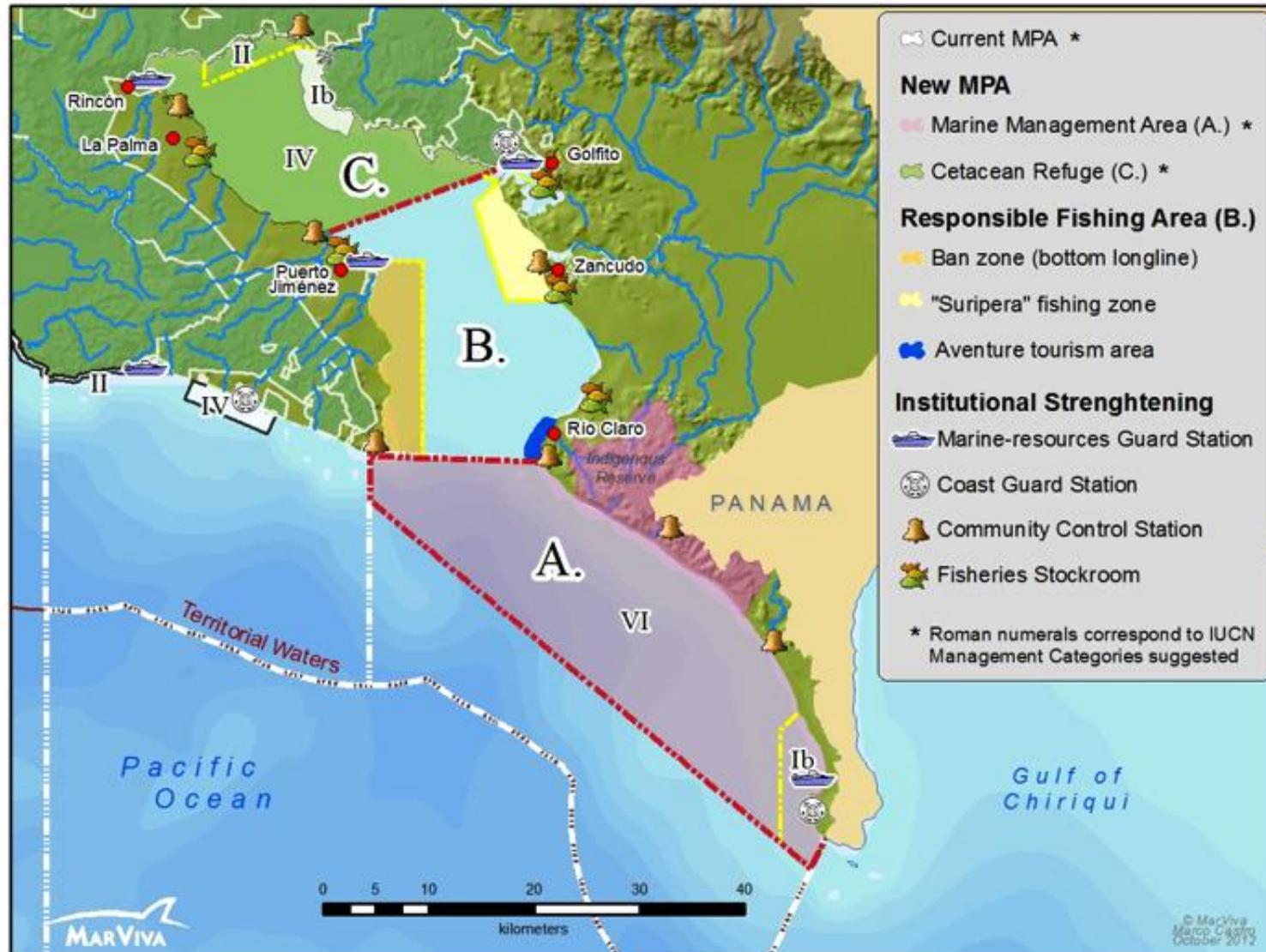
# Construcción de mapas de aspiraciones

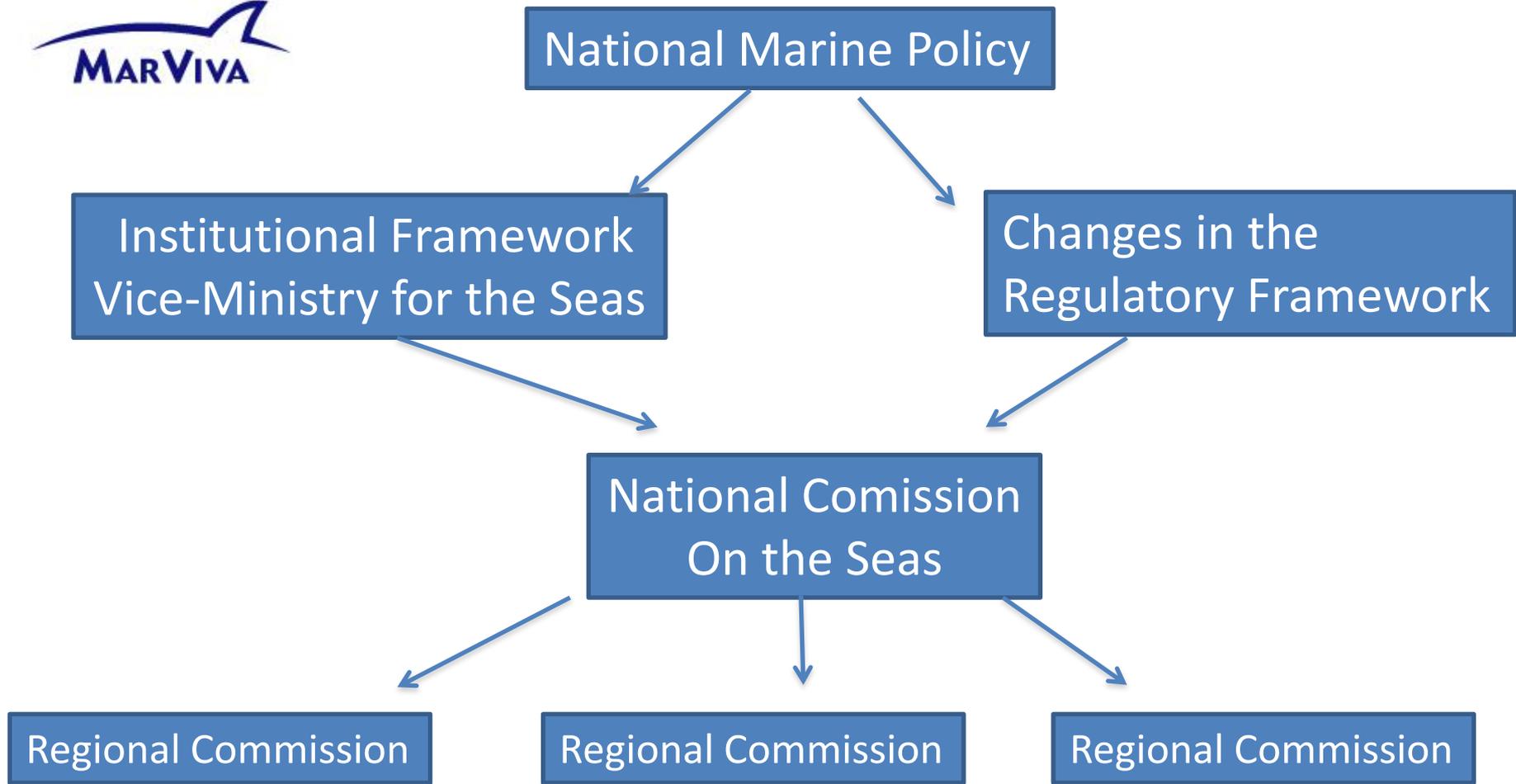


## Identifying Future Conflicts



# Scenario Construction

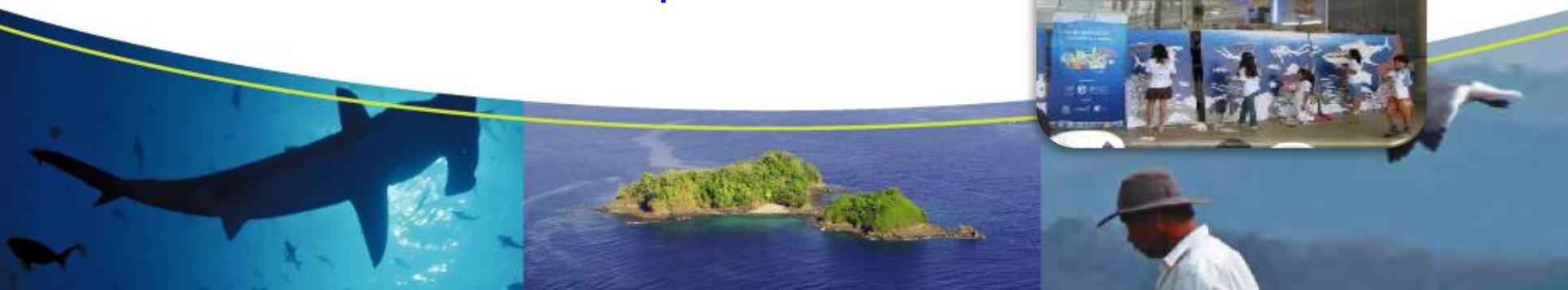




# A Decade in Retrospective



- MPA System (Incipient)
- MSP Processes (Starting)
- Stronger Regulatory & Institutional Framework
- More Information and Awareness on Marine Conservation Importance



# A Decade in Retrospective



## *Success Factors*

### *Alliances:*

The strength of public-private alliances

### *Participation:*

Working with the stakeholders.





# A Decade in Retrospective

*Market Forces*  
Working on Responsible  
Commerce

*Media*  
Strong Presence in the  
Media-Involving the Public





# Challenges

## Consolidate

- MPAs and MSP Processes
- Changes in the Regulatory & Institutional Framework
- Marine Governance
- Market Processes





THANKS!

