



COSTA project



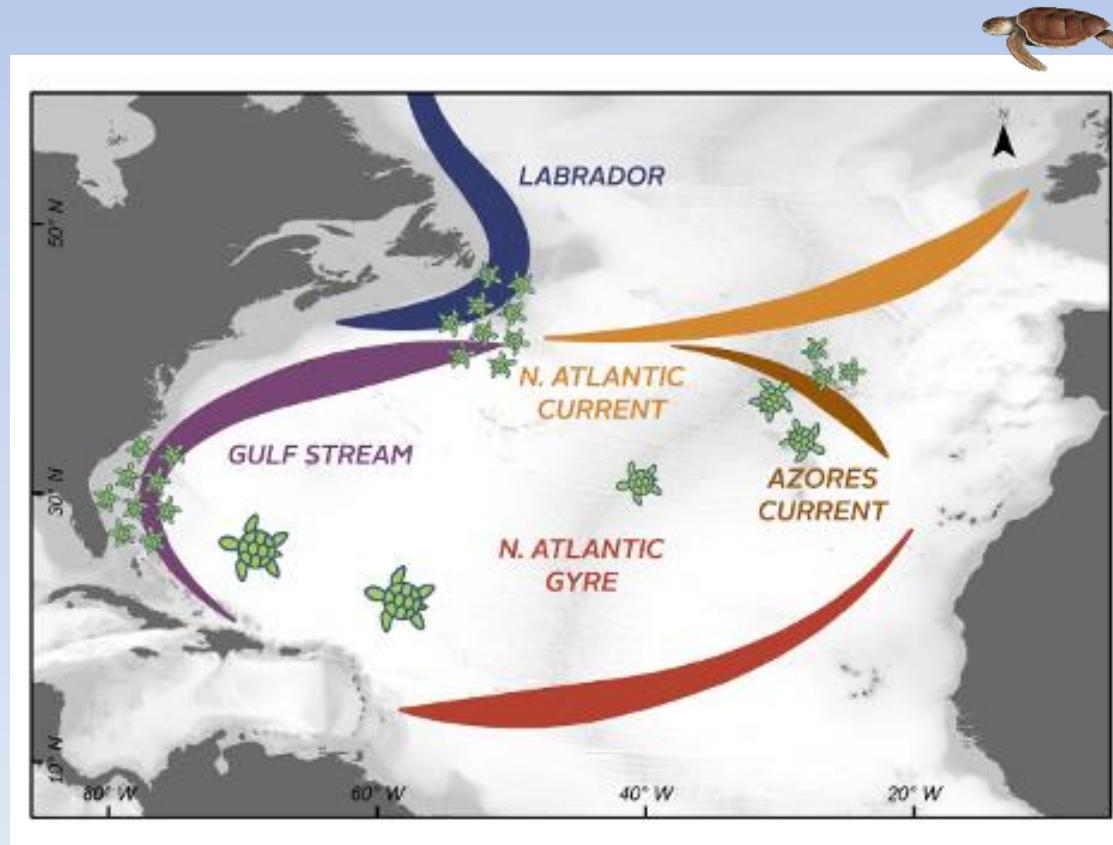
COnsolidating Sea Turtle conservation
in the Azores

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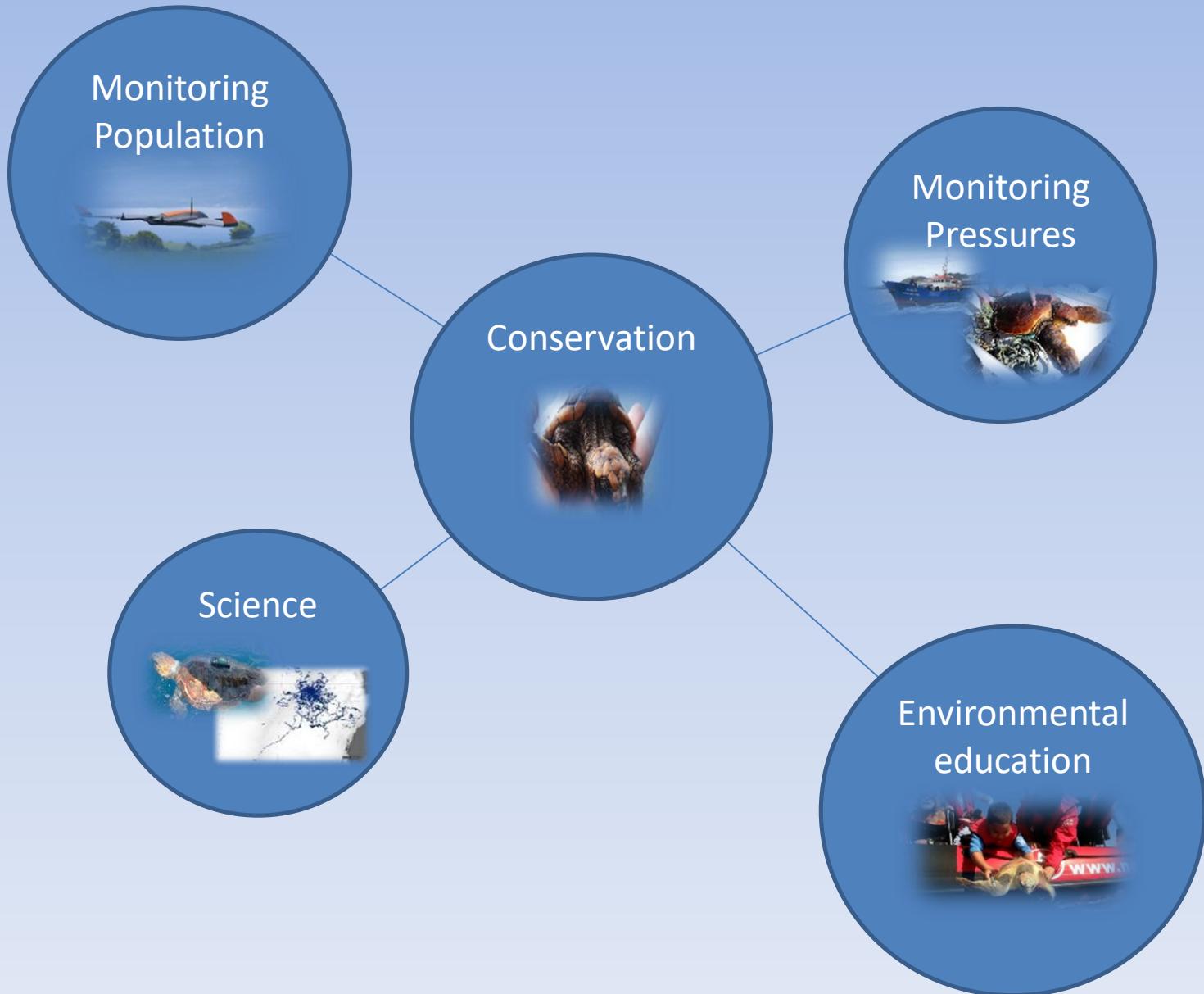
Sea turtles in the Azores

- 5/7 species
- 3 common (loggerhead, green and leatherback sea turtle)
- Particularly important area for oceanic juvenile loggerhead sea turtles (8-70 cm CCL) (mainly from SE Florida)



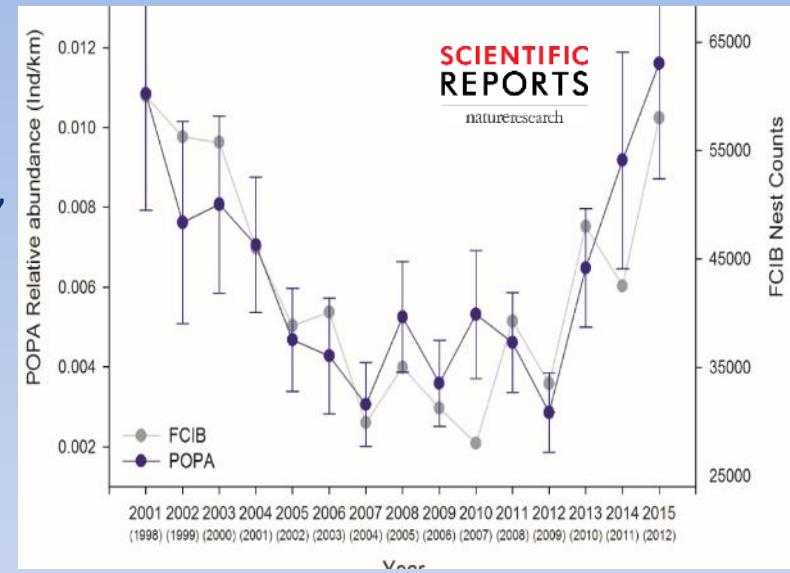


COSTA project - Activities



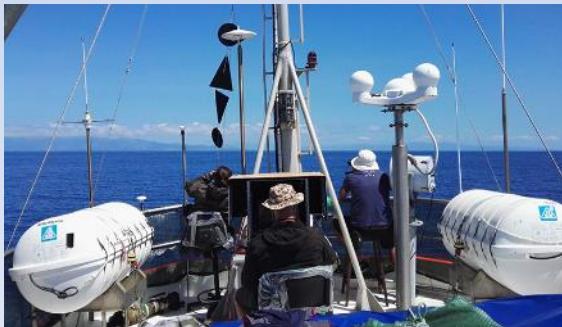
Abundance

- Visual sightings tuna observers (POPA)
- Monitoring population - “Early warning system”
- Monitoring environment (e.g. EU MSFD)



Vandeperre et al. 2019

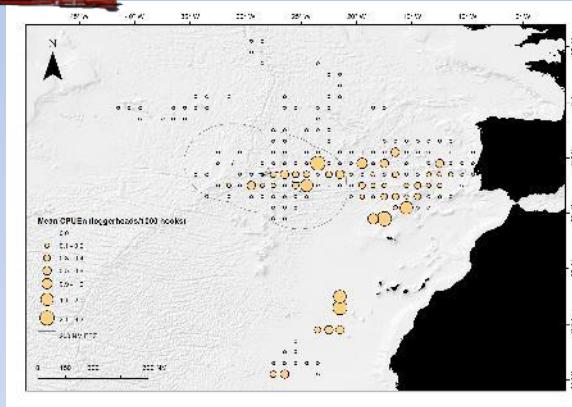
- Development of new tools: dedicated ship-based and drone surveys





Pressures - Fisheries

- Fishing observers on Portuguese pelagic longline fleet
- Operating mainly from Vigo (Es), Peniche (Pt) and Ponta Delgada (Pt)
- PNRD (regional fleet), EU MSFD



| Year | # Trips | # Days | # Sets | # Hooks | # Vessels |
|-------|---------|--------|--------|---------|-----------|
| 2015 | 7 | 134 | 79 | 80286 | 4 |
| 2016 | 16 | 341 | 221 | 227824 | 8 |
| 2017 | 14 | 263 | 148 | 146284 | 10 |
| 2018 | 18 | 363 | 230 | 235898 | 12 |
| 2019 | 8 | 195 | 114 | 117078 | 6 |
| Total | 63 | 1296 | 792 | 807370 | 19 |



CAPTURA ACIDENTAL DE TARTARUGAS

O QUE FAZER?

1. TRAZER A BORDO COM O AUXÍLIO DE UM CAMARDEIRO
2. ESTÁ PRESA NO ANZOL?
3. ESTÁ ENGANHADA NO APARELHO?

AVALIAR AS CONDIÇÕES DA TARTARUGA ANTES DE LIBERTÁ-LA

| | |
|--|--|
| NÃO ESTÁ ATIVA | TÉCNICAS DE RECUPERAÇÃO |
| | |
| PODE TER ÁGUA NOS PULMÕES | BELISCAR A CLOCA |
| | |
| ESTÁ ATIVA | BALOCAR GENTILMENTE |
| | |
| LEVANTAR A PARTE DE TRÁS DA CARPINA. | DESEJAR CUIDADAMENTE A TARTARUGA E MANTÉLA DENTRO DO MAR |
| SE POSSIVER, COLCAR NA SOMBRA E MANTÉLA COBERTA COM UMA TOALHA MOLHADA | SE ESTIVER MORTA, TRAZER PARA O PORTO, CONGELAR E ENTREGAR ÀS AUTORIDADES COMPETENTES SE NÃO FOR POSSIVEL, DEVOLVER AO MAR |

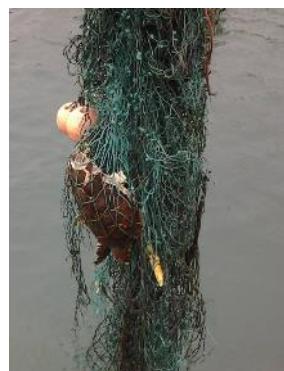
NÃO CORRER AS NARINAS

ENCONTROU UMA TARTARUGA COM MARCAS? ENVIE-NOS INFORME DA MARCA, DATA E LOCAL PARA REGISTRAÇÃO

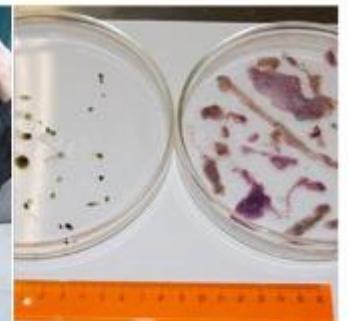
Pressures – Marine litter



Necropsies



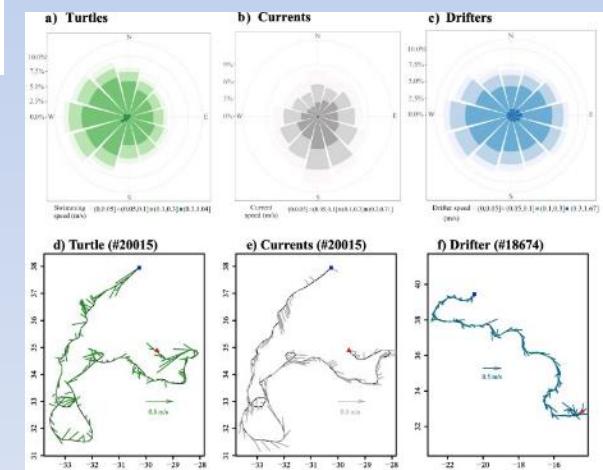
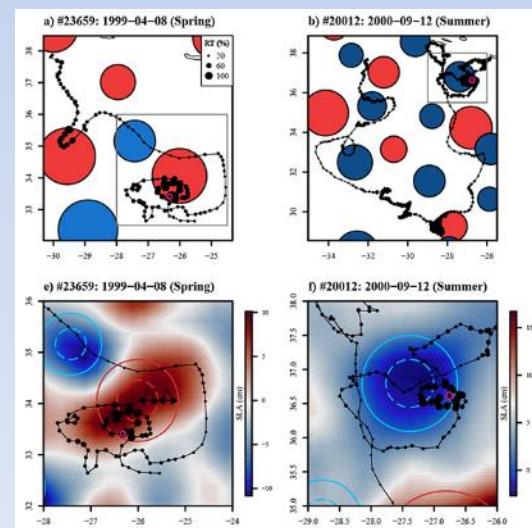
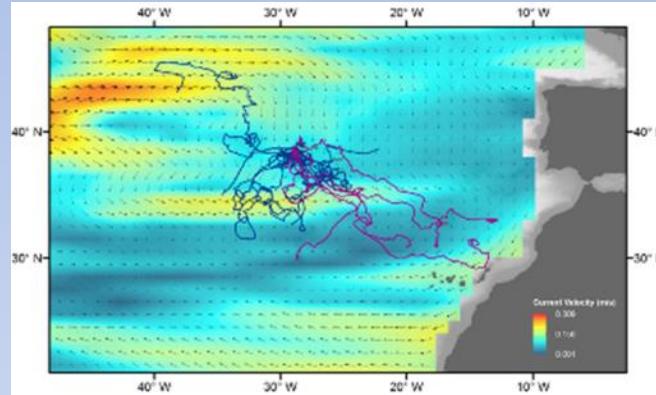
Entanglement



Defecation

Ecology

Movements, habitat, diet, etc.



Chambault et al. 2019 Prog. Oceanogr.



Conventional tagging



**PROGRAMA DE MARCAÇÃO
DE TARTARUGAS MARINHAS**
SEA TURTLE TAGGING PROGRAM

CONSOLIDATING SEA TURTLE CONSERVATION IN THE AZORES

PORQUÊ MARCAR TARTARUGAS MARINHAS?
Surgiu da necessidade de descobrir a proveniência destes répteis marinhos e de saber mais sobre a sua biologia, distribuição e movimentos.

WHY TAG MARINE TURTLES?
To discover their origins and gain knowledge on the biology, distribution and movements of the different species.

Legend: ● Marking ● Recaptures

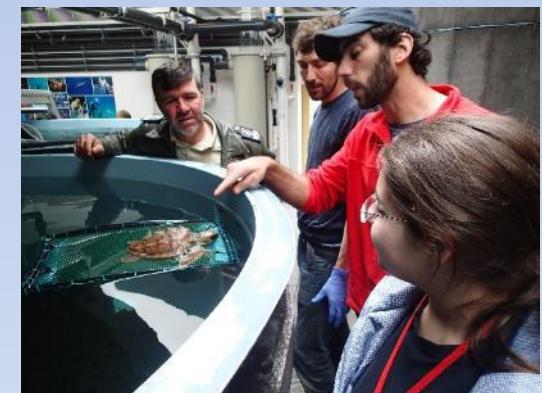
NATURALIST NORBERTO ENACO TALASSA POCOLCO PICS DE AVENTURA

Terreazul Mantaclub PORTOCLOU OCEANIA COLABORALSUB





COSTA project – Environmental education



Sea Turtles in the Azores

A screenshot of a Facebook page for "Sea Turtles in the Azores". The page header includes the name and a profile picture of a sea turtle. The timeline shows various posts, including a large image of a sea turtle and some text in Portuguese. Navigation links for Page, Messages, Notifications, Insights, Publishing Tools, and Friends are visible at the top.



COSTA project



Sea Turtles in the Azores

<http://costapopa.wix.com/costa>

Financial support:



Governo dos Açores

Partners:

