

QUARTERLY REPORT 4: OCT – DEC 2019

Key achievement: Completed our second acoustic tagging campaign in La Graciosa Marine Reserve; 32 adult Angelsharks were tagged and data from seven receivers (deployed in 2018) downloaded with 29,136 detections. All receivers were serviced, redeployed, and three additional acoustic release receivers will be deployed in January 2020.

Funder project milestones	Oct-Dec 19
ASP team training & development	
Develop reports & publications	
Attend conference & events	
Complete nursery area surveys	
Analyse nursery area data	
Reduce impact of coastal development on sharks	
Engage divers	
Complete visual ID tagging	
Count the Angels events	
Complete acoustic tagging	
Analyse adult tagging data	
Meet with charter fishers	
Collaborate with tour operators	
Assess recreational fishing effort	
Identify Angelshark threat areas	
Charter Fishing Conservation Plan developed	
Commercial Fishers Kit shared	
Meet with cazonal fishers	
Modify cazonal gear to reduce impact	
Assess incidental catch of Angelshark	
Develop recommendation document	
Angelshark Recovery Plan & Listings finalised	
CI Fisheries legislation updated with outputs	

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OBJECTIVE 1 : BUILD CAPACITY



- The team completed animal handling and scientific procedures training in Spain and UK.
- The team presented results at 5 conferences/workshops to raise awareness of ASP:CI and share methodologies.
- ASP:CI became a member of the Spanish national elasmobranch network

OBJECTIVE 2: NURSERY AREAS



- 11 nursery area surveys completed and 30 juvenile Angelsharks tagged and genetic samples taken.
- First re-sighting of a tagged juvenile Angelshark at Playa de Flamingo (Lanzarote) suggests it is likely a nursery area.

OBJECTIVE 3: ADULT ECOLOGY



- 32 adult Angelsharks fitted with acoustic tags in La Graciosa Marine Reserve (LGMR).
- 29,136 Angelshark detections downloaded from 7 acoustic receivers deployed in 2018.
- 8 acoustic receivers re-deployed to gather data in 2020.
- BRUVs as a tool to monitor Angelsharks tested in LGMR.

OBJECTIVE 4 & 5 : RECREATIONAL & CAZONAL FISHERS



- Commercial fisher guidance finalised and sent to print.
- Met with the Patron Mayor of Cofradías in the Canary Islands he agreed to share the commercial guidance.
- Recreational fisher guidance provided to 18 fishers.

OBJECTIVE 6 : STRENGTHENED PROTECTION



- Key actions to better protect juvenile Angelsharks at Playa de Las Teresitas (Tenerife) identified during a workshop organised by ASP:CI, attended by 12 people.

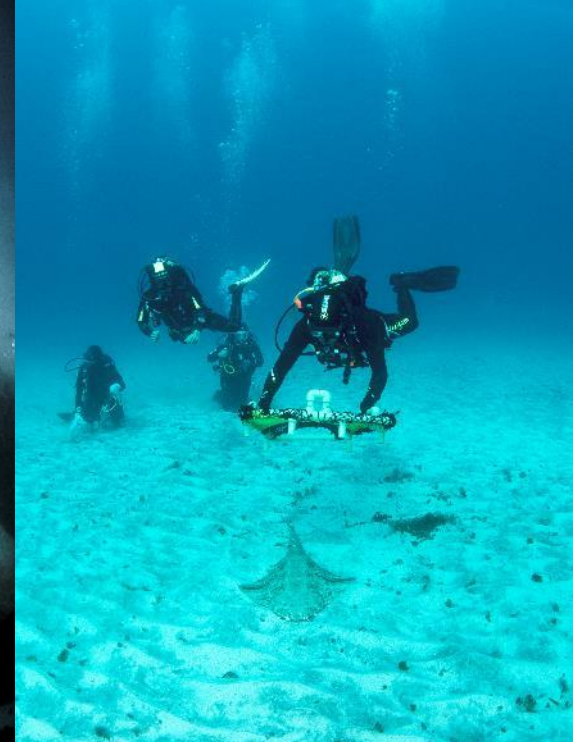


ANGEL SHARK PROJECT: CANARY ISLANDS

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Photographs taken during acoustic tagging
in LGMR, taken by Nuno Vasco Rodrigues.
Video by Especies de Canarias found here:
<https://www.youtube.com/watch?v=mZZSr9z8Ztl&t=102s>

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