

OCTOBER 2021



Thresher Shark Indonesia

IMPACT REPORT 2020- 2021



<https://threshershark.id>



Thresher Shark Indonesia



Thresher Shark Indonesia



@threshershark.id

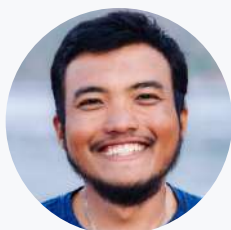
© Irwan Hermawan



TABLE OF CONTENT

- 03. Our Team
- 04. Introduction to Thresher Shark Indonesia
- 05. 2020-2021 Programs
- 09. Success Stories
- 10. Features
- 11. Funders, Government Partners, NGO, Business, and Fundraising Partners, Volunteers

OUR TEAM



Rafid A. Shidqi
Co-founder &
Project Leader



Dewi Ratna Sari
Co-founder & Program
Coordinator



Primiatty Natalia
Government and
Community Relations
Coordinator



Vivekananda Gitandjali
Communication
Coordinator



Ahmad Hilmy Mubarak
Creative and Digital
Media Coordinator



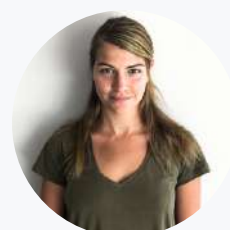
Bestari Ghea Dwilo
Field Project
Coordinator



Jeheskiel Alopen
Community
Development Staff



Yodhikson M. Bang
Project Officer



Etoile Smulders
Global Outreach and
Engagement



Dr. Mark V. Erdmann
Project Advisor

INTRODUCTION TO THRESHER SHARK INDONESIA



About Us

Thresher Shark Indonesia is an initiative that was initially started in 2018 by Indonesian young conservationists. Starting from a single project, now we're an established Indonesian Non-Profit under the Yayasan Teman Laut Indonesia. Our goal is to protect the declining and endangered thresher shark population in Indonesia.



Our Vision

Conserve thresher shark at Alor, East Nusa Tenggara, by providing policy recommendations through the studies of satellite and acoustic tagging technology, education and outreach, and providing alternative livelihood solutions for shark-dependent communities.



© Indopacific Films

Our Mission

Develop long-term solutions that protect endangered shark species, and respect the rights of local people to livelihoods by working closely with indigenous communities, governments, businesses, scientists, filmmakers, and other NGOs.



2020-2021 PROGRAMS



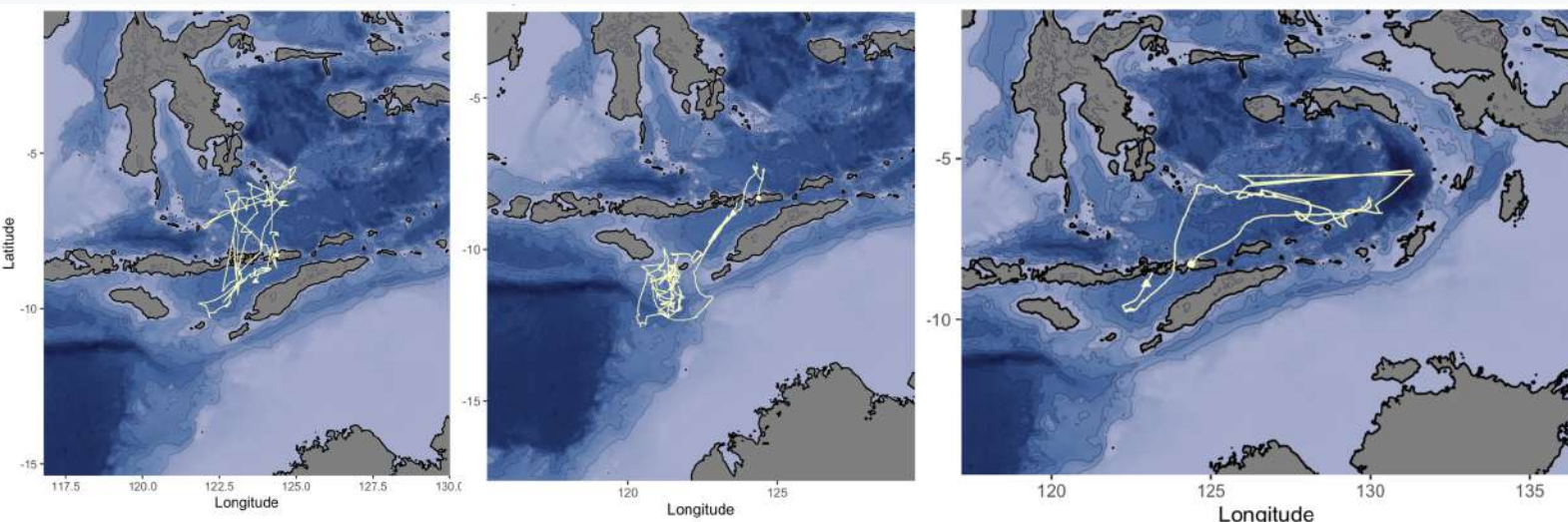
Investigating Critical Habitat of Pelagic Thresher Shark within Pantar Strait Marine Protected Area

From October 2020 to February 2021 Thresher Shark Indonesia engaged Alor shark fishers in the research effort for understanding the habitat and the presence of the species within the 400,000Ha Marine Protected Areas (MPAs) by using **the combination of satellite and acoustic tagging technology which is the first in Indonesia and Southeast Asia for telemetry studies of thresher shark**. The tags are programmed for six months and the data were processed through the Wildlife Computer portal to obtain the light-level geolocation and visualize the sharks' movements.

The goal of this investigation, both using the acoustic and satellite telemetry studies, is to understand the habitat use of the species, while satellite tagging information is communicated to the National Government, such as the Indonesian Ministry of Marine and

Fisheries (MMAF) to fill the knowledge gaps for National Regulation i.e., Permen KP 58 Tahun 2020, and Permen KP No. 12 Tahun 2012 about thresher shark fisheries and management. The acoustic data also contributed to the proposal of Pantar Strait MPA development and re-zoning plan with Aliansi Bahari Alor.

Out of the 15 acoustically-tagged sharks, seven were detected in the four installed receivers, for a total of 476 detections during the period September 2020 – March 2021. Sharks were detected for a total of 84 days from initial fitting. Meanwhile, the result from satellite tags showed that the thresher shark has an individualized moving pattern. But they seem to have a broad movement range throughout the Indian Ocean, and migrating to Flores – Banda Sea, making them vulnerable to fishing pressures outside Alor MPA. Our acoustic tagging studies identified two thresher shark “hotspots” with monthly visitation, Anemone City & Harilolong, which have potential as areas for diving tourism. However, the area is really close (~3km) to the shark fishing ground.



2020-2021 PROGRAMS



Developing Local Conservation Policy for Pelagic Thresher Shark

The research project's results have been communicated to the local stakeholders of Alor, and Thresher Shark Indonesia aims to assist the local government in establishing a local regulation to prohibit targeted shark fisheries and to include pelagic thresher shark as a tourism asset in Alor.

We worked closely with Alor's District Governments to discuss the legal and political process in developing the district regulations. We had created a steering committee, composed of stakeholders whose duties fall under marine resources conservation, research, and community development. The process of development and legalization has gone through the development of policy drafts, approval after the public consultation with all relevant stakeholders, and validation by the District Government.



Thresher Shark Conservation Champion

In 2020, Thresher Shark Indonesia also trained 20 future indigenous leaders of Alor age between 18-25 years old through the Thresher Shark Conservation Champion, a youth development program to support conservation efforts in the coastal area of Alor. These youths came from all around the Alor archipelago, East Nusa Tenggara, and have received training on leadership, communication, and knowledge on marine conservation.

The Thresher Shark Conservation Champion program is supported by the Australian Government through the Alumni Grant Scheme administered by Australia Awards in Indonesia, East-West Center, Sustainable Ocean Alliance – Ocean Solution Microgrant, and Shark Conservation Fund. This program started in January and Champions were inaugurated in March of 2021. Four groups were created with a mission to initiate conservation projects to address marine issues in four villages around Alor District through the Champion program.





Livelihoods for Tomorrow

Alor's shark fishers are still reluctant to stop shark fishing – however, they would willingly stop shark hunting, for as long as viable alternative livelihoods will be provided. Therefore, we focus on working in two shark fishing villages. We engage them at the beginning of the process about this project's ideation and implementation. The fishers were involved in the meeting and broke down into smaller groups to determine the needed skills, equipment, and other supports for the design of the alternative livelihood models. Individual binding agreements were also determined and signed between all shark fishers and the project.

Thresher Shark Indonesia has successfully engaged 11 shark fishermen to sign an agreement to stop shark hunting and shift to alternative livelihoods. In 2021 we have provided:

- Five fiberglass boats;
- Two boat machines for shark fishermen who want to switch to tuna fisheries and also other fisheries (red snapper, grouper), and;
- Capital to build poultry farm and kiosk as desired by the fishermen

Ongoing community development and mentoring activities are carried out with a group of 11 fishermen and we are slowly expanding our initiative to involve the neighboring villages through the first quarter of 2022. **All fishers in the group have already 100% reducing shark fishing and released the sharks caught as bycatch.**

2020-2021 PROGRAMS



Public Outreach

- We produced [Thresher Shark Indonesia: Documentary](#) by the Indopacific Films and [Documentary by Alex Lindbloom](#). The films have been reshared and viewed by more than ±5000 global audiences on YouTube, Facebook, and Instagram in 9 months.
- Outreach collaboration with i.e., [Mongabay Indonesia](#) in early 2021 and various Instagram live with Indonesian and International influencers have been conducted and reached ±4000 views with various demographics.
- We conducted seminars and workshops online involving elementary school students, and high-level panels with the University of California, Santa Cruz reaching academics and students across Indonesia, the U.S., and global audiences.
- Our global campaign and crowdfunding events made us leverage **\$12,077** in funding, collaborated with 11 International small businesses.
- We shared livelihood case studies in the Bluepreneur Accelerator Program, organized by the Young Southeast Asian Leaders Initiative, East-West Center Hawai'i, and at the Innovation Fellows with participants from Asia-Pacific.



SUCCESS STORIES



Policy Impact

- The Regent of Alor issued **Perbup No. 39 of 2020** concerning “Empowerment of Small Fishermen”
- Each Regional Apparatus Operation (OPD) contributes to the allocation of funding to support the transition of alternative income for shark fishermen.



The Champions Outreach

- The project implemented by all champions managed to reach more than 300 community members regarding thresher shark conservation in 10 villages in Alor District.
- 280 community members were engaged about the dangers of sand mining, village-based waste management (compost), and also mangrove conservation.
- 300 mangrove propagules were successfully planted in Pailelang Village, and 100 propagules in East Alila Village.
- Some of the activities carried out also collaborated closely and were supported by the Village Government, the community, and the Alor Regency army.
- After the completion of the program, the group that initiated the village-based waste management project successfully granted another Ocean Solution Microgrant from Sustainable Ocean Alliance US\$3,500. The mangrove conservation initiative also continues the project with the rest of the Alumni Grant Scheme AU\$1,000.



FEATURES



©Shawn Heinrichs

- [The Thresher Shark Project](#) short documentary by Alex Lindbloom won 3rd place in the video category of the Siena Awards in 2021.
- In March 2021, U.S. Mission to ASEAN invited our Co-Founder Rafid Shidqi to speak for their program 'The Big Idea' with spokesperson Jason Seymour, where he introduced how Thresher Shark Indonesia is protecting endangered thresher sharks in Southeast Asia.
- Co-Founder Rafid Shidqi was invited to speak at [Ocean Solutions for Impact with Sustainable Ocean Alliance](#) (SOA), an international conference held by Blue Marine Ocean Summit in March 2021 and covered by Forbes. Rafid is given the spotlight with global entrepreneurs awarded microgrants through SOA's ocean solutions program.
- We were featured on the front cover of [Oceanographic Magazine Issue #18: End of the Line](#), and [Blog: In Search of Solutions](#). World-class writers and photographers combine to bring the wonder of our blue planet to life and highlight some of the biggest threats it currently faces.
- The team at Thresher Shark Indonesia was invited to share the case studies of [Thresher Shark Conservation in a Crash Course: Human Dimensions in Shark Conservation](#), organized by Hollie Booth, and Dr. Divya Karnad from the IUCN SSC Shark Specialist Group and the University of Oxford in August 2021.

THANK YOU!

We are thankful for the generous supports of our donors, individuals, and partners who have enabled Thresher Shark Indonesia to achieve so much in the past year. Although we are a locally-led NGO, we've been given many opportunities to present in many global stages to communicate these local successes. Thank you for your supports this far, and the continuous faith in what we do.

FUNDERS

- Australia Alumni Grant Scheme, by the Australian Government
- Conservation International Asia-Pacific
- Critical Ecosystem Partnership Fund
- East-West Center
- MAC3 Impact Philanthropies
- Nomad Plastic
- Ocean Blue Tree
- Save the Blue
- Shark Conservation Fund, and Rockefeller Philanthropy Advisors
- Stellar Blue Fund
- Sustainable Ocean Alliance
- The Henry Foundation
- University of California Santa Cruz, SEA Coast
- Daniel Roozen
- Joshua Kurniawan
- Katrine Bosley
- Marie-Elizabeth Mali
- Michael Light
- Shannon and Audrey Wong
- Uli Panjaitan
- Marsh Trust & Fauna & Flora International

GOVERNMENT PARTNERS

- Department of Marine and Fisheries, East Nusa Tenggara Province
- Government of Alor District

NGO, BUSINESS, AND FUNDRAISING PARTNERS

- Air Dive Alor
- Alex Lindbloom
- Aliansi Bahari Alor
- Biodiversitas Indonesia (BIONESIA)
- Flipflop and Treacle
- Found at Sea Collective
- Granger Studios
- Indonesian Ocean Pride, and Hamish Daud
- Nautika Dive Alor
- Shawn Heinrichs
- Thrive Conservation
- Underwater Tribe and Indopacific Films

VOLUNTEERS

- Abner Yosua
- Deborah Estefanus
- Gerry Andriano Lakamau
- Geanisa Vianda P.
- Dea Hasna Isadora
- Gisela Emanuela Nappoe
- Putri Martosudarmo
- Vhetty Fatimah
- Bobby Dwi K.
- Putra Malik Akbar