

West Papua Care

Marine Protection Area NTZ

Misool, Raja Ampat, October 2025



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CARE

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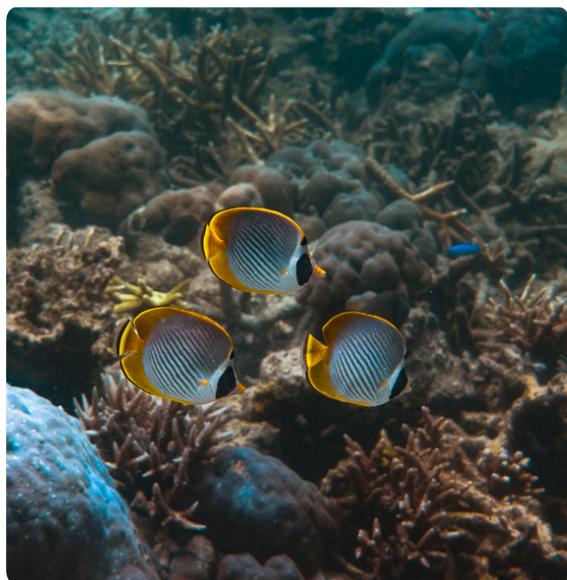
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A Community-Led No-Take Zone MPA
benefiting both marine ecosystems and
neighboring fishing communities by
boosting fish populations through spillover,
securing food resources, ecotourism
potential and strengthening climate
resilience through healthy habitats.

“Our mission is to combine conservation work with real community collaboration and development in the provinces of Papua. Our ecosystems can only thrive in the long-term, if people have a chance to prosper too.” - West Papua Care NGO

Why the No Take Zone is needed: Protection and proactivity

The zone suffers from coral reef destruction due to cyanide fishing. Harvest of sea turtles and their eggs, shark finning and harvest of protected species are big problems, mainly because the area is frequently visited by illegal fishers from other islands as far as Sulawesi. Big areas are already destroyed due to past bomb fishing.



Bumphead Parrotfish
Bolbometopon muricatum

Misool Raja Ampat Biodiversity Hotspot:

- ***Benefit and empower local communities***
- ***Protect local food security through development of alternative methods***
- ***Protect flagship species populations***

The habitat is home to key species such as the Napoleon wrasse, Hawksbill and Green sea-turtles, Bumphead Parrotfish, and shark species.

Protecting the area allows the ecosystem to rehabilitate and secures a high diversity marine habitat for future generations.

Selected Area for No Take Zone

West Papua Care (WPC) will establish a Marine Conservation Agreement (MCA) directly with the local communities, combining traditional governance with modern conservation science.



It covers the islands and archipelagos of Damu, Canpade, Balbulol, Sagof, Efpihan, Kasiah, and the surrounding waters with an initial area twice the size of Paris city.

The NTZ selected area is surrounded by a 10km buffer zone. Its fringing reefs, reef walls, atolls, off-shore reefs, caves and underwater rock formations host a huge marine biodiversity including endemic and key species. It is an important spawning ground for corals and fishes.

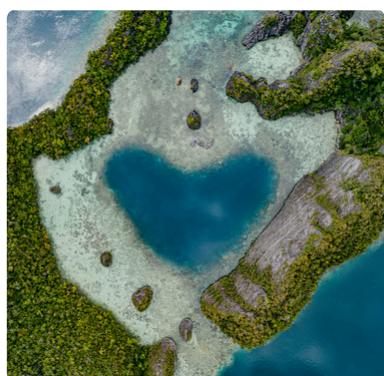
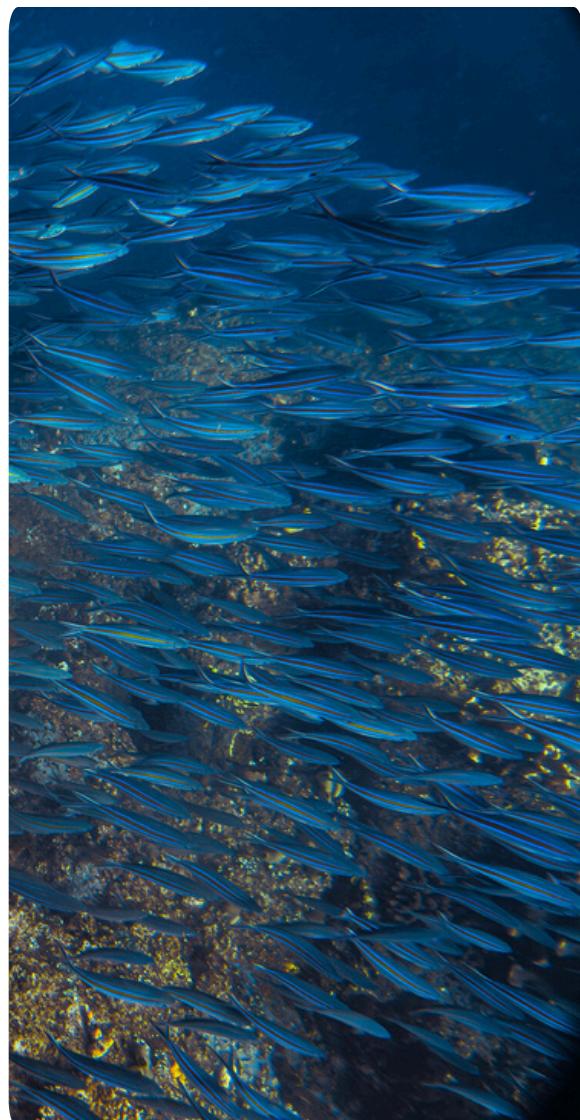
Establishing Traditional Marine Management Areas

Target 50% increase in fish biomass within 5 years based on regional MPA performance data

GPS-marked survey sites for consistent long-term data collection

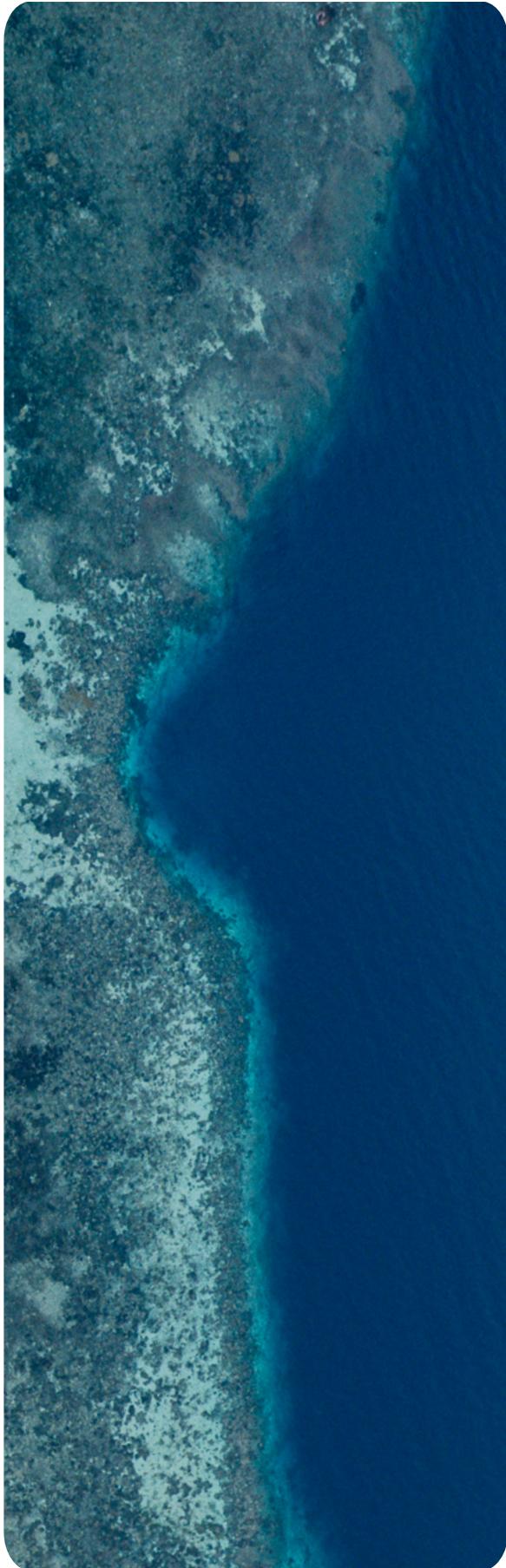
Scientific surveys of coral health and ecosystem dynamics

IUCN Red List species identification and conservation status tracking



Local Pride and Gem

Protecting reefs sends a strong message about ocean conservation worldwide. Establishing this community-led NTZ is proof, that local communities are serious about preserving their biodiversity and ecotourism potential.



Operating the No Take Zone

Community-driven surveillance and appropriate signage with transparent compensation, conservation education, and sustainable livelihood initiatives.

MPA Committee and local volunteers who document illegal fishing in or outside the NTZ are rewarded **bonuses** and submit associated expenses for evaluation.

Base camp: Rangers operate from Cempedak Island with infrastructure such as:

- *Accommodation*
- *Kitchen*
- *100 HP speedboat*
- *Mobile Starlink internet*
- *Surveillance drones*

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*We follow the standard:
Free, Prior and Informed Consent
(FPIC), prioritizing and respecting
local tradition.*



Community Impact

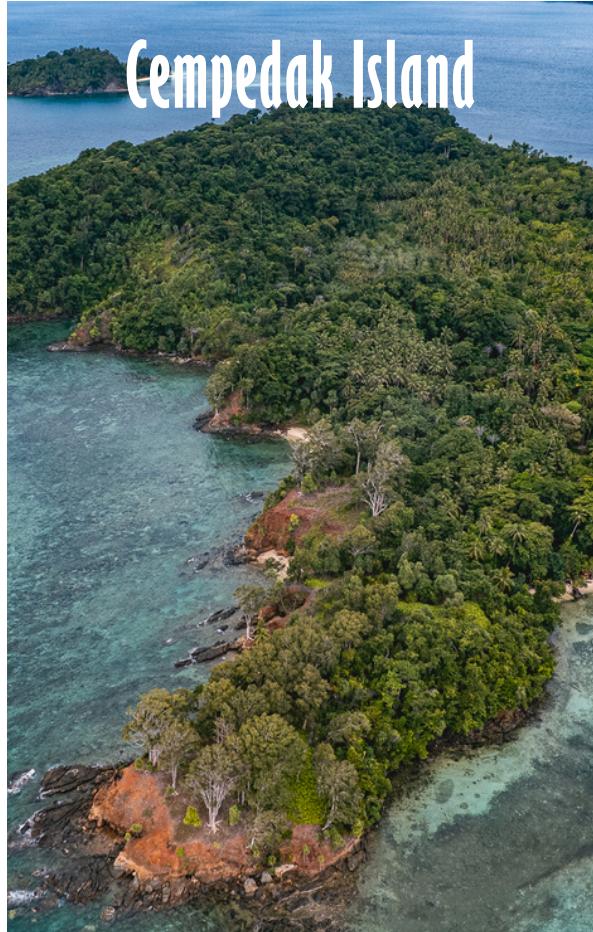
Fishing Evaluation:

Special permits will allow rangers and project workers of the local islands within the zone personal consumption of specific fish outside coral reef area.

Scheduled harvest location strategy to reduce transportation costs and our carbon footprint.

Sustainable economic opportunities outside the NTZ may provide additional income streams for locals while minimizing environmental impact.

Sasi Tradition evaluation for incorporation under the regulations of international protection agencies.



Access to Cempedak Island is guaranteed for families holding land ownership and traditional reasons, contingent upon compliance with WPC regulations. To enhance comfort and safety, WPC will construct shelters, toilets, and provide garbage bins as a centralized lodging option.

Community Benefits

Improving Job Readiness

Since March 2024 West Papua Care has supported diverse education programs and community activities.

Alongside subjects such as **English, Biology and Math**, our **Recycling and Conservation** workshops link career education with ecological awareness.

English Language Skills:

- **TOEFL** preparation and diploma.
- **Paid internships** at major tourism businesses in Bali (in partnership with stellaschild.org) for work experience and networking opportunities.
- **Student Exchange** with partner school in Bangladesh and the indigenous Maasai community in Kenya enhances cultural intelligence and language confidence.

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Connecting traditional knowledge with modern skills helps communities adapt in a quickly modernizing world.



Local stakeholder benefit strategy

Funding donations

Community development **subsidies** from WPC are extended to official education and medical facilities in the region via material donations and collaborative support.

Job priority

Employment priority is given to local community members, ensuring that they fill all suitable positions.

We appoint a site manager to act as the **representative** for the local community.

A minimum of 30% of employees will be women, youth, or individuals with disabilities, fostering inclusion and diversity.

Celebrating communal traditions together

WPC actively participates in communal traditions and celebrations such as **Idul Fitri**, **Christmas** and **Indigenous Traditions**, contributing donations that aid economically disadvantaged locals in participating.

Regular Evaluation

Our community development strategy and success is evaluated with local traditional authorities and community representatives every **5 years** to ensure maximal benefit for the local communities.

A conservation model aiming for initial 30 years of effective marine protection.



Kaspar Elias Anderegg Founder

West Papua Care's founder, has lived in Indonesia for 10 years. As an expedition leader, he regularly visits the tribes and wilderness of West Papua, he is deeply connecting with their cultures. Motivated initially by adventure, Elias has since dedicated himself to humanitarian and conservation efforts to support these communities and ecosystems.



Syarif Loji Regional Manager

West Papua Care's regional manager was born in Misool with both his love for nature and his desire to protect it for future generations. His decade-long partnership with Elias Anderegg and his work as a ranger for the Misool Baseftin MPA has further raised his awareness about global ecological issues and protecting crucial ecosystems.



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