



CORAL  
TRIANGLE  
CENTER

Inspiring People Saving Oceans

# THIRD QUARTER 2024 REPORT

CORAL TRIANGLE CENTER



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# ABOUT US

## CORAL TRIANGLE CENTER

A center of excellence in tropical marine resource management:  
Building local leadership for long-term conservation in the Coral Triangle



Inspiring People Saving Oceans

## VISION

Healthy seas that enrich people and nature.

## MISSION

To inspire and train generations to care for coastal and marine ecosystems.

## VALUES

### Excellence

In the quality of our teaching. In the performance and integrity of our staff.  
In our commitment to being a world-class center of tropical resources management.

### Local Stewardship

Based in the heart of the Coral Triangle, we maintain strong roots in the field and close ties to stakeholders at all levels. We value traditional knowledge and practices, and promote local ownership of our projects.

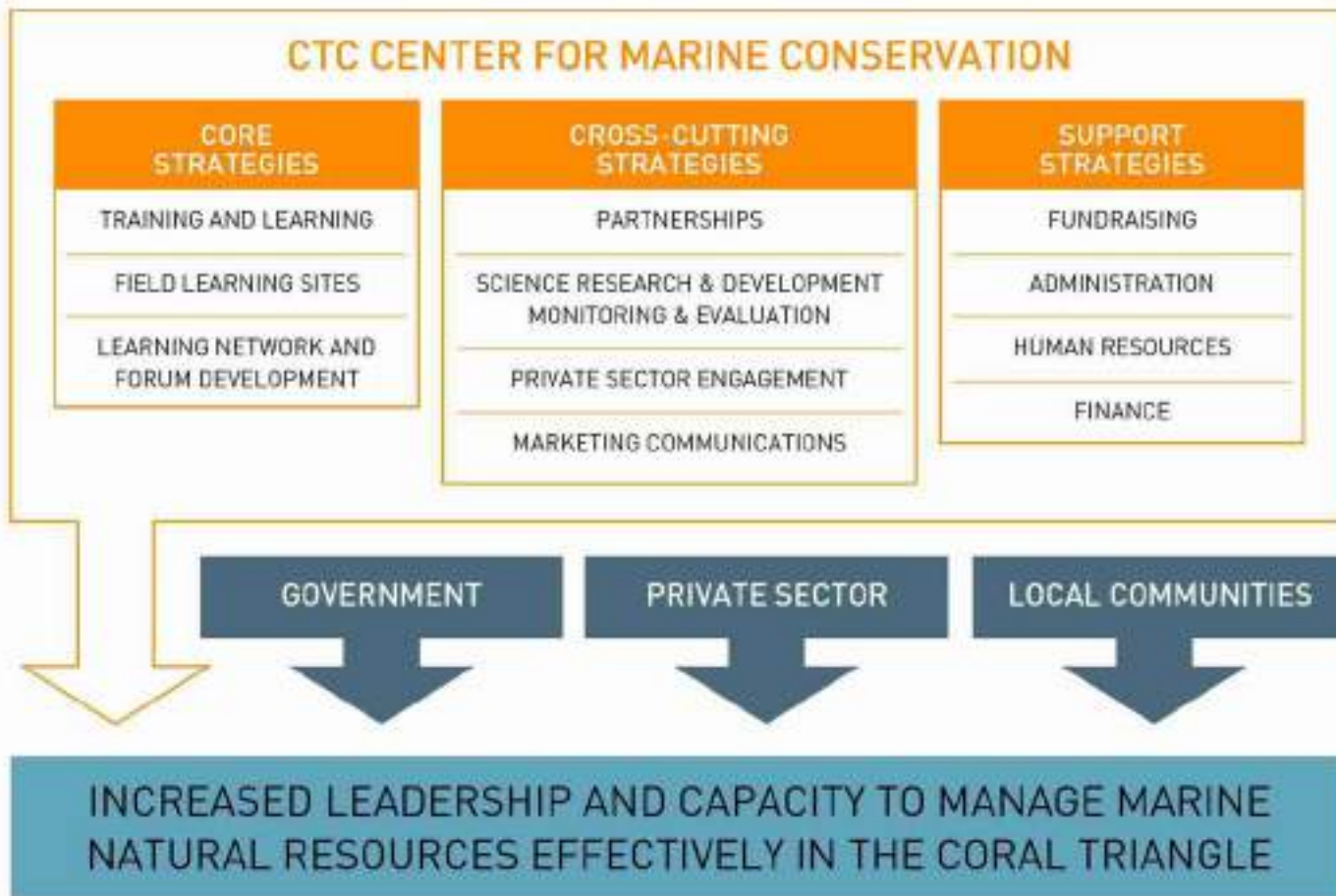
### Collaboration

We build partnerships among leaders in government, communities, NGOs, education, and the private sector because only by engaging all constituencies can solutions be effective.

### Result

We provide trusted information, are transparent in our actions, and hold ourselves accountable for the quality of our programs, changing our strategies as necessary and measuring our impact over time.

# CORAL TRIANGLE CENTER STRATEGIES



CTC is an official development partner of the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF) - a government-led initiative of the six countries of the Coral Triangle region namely Indonesia, Malaysia, Papua New Guinea, Philippines, Solomon Islands and Timor-Leste. CTC supports the CTI-CFF in cross-cutting activities such as capacity building, women empowerment, local government leadership, sustainable tourism and private sector engagement. CTC is also a member of the International World Conservation Union (IUCN) and the International Coral Reef Initiative (ICRI)

# FOREWORD

## Towards Sustainable Financing

As we embark on our fourth five-year strategic plan (2025-2029), CTC is proud to have secured multi-year funding and commitments from diverse private and public donors. These partnerships strengthen our efforts in marine protected areas, community-based management, capacity building, and sustainable fisheries.

A key partner, the Blue Action Fund (BAF), supports large-scale marine conservation efforts. With their support, CTC is developing a long-term program in the Banda Islands focused on marine protection, community engagement, and sustainable resource management. We are also working with the German Agency for International Cooperation (GIZ) through the Solutions for Marine and Coastal Resilience (SOMACORE) project, enhancing regional training and knowledge exchange. This project also supports our role in the IUCN Green List program, setting global standards for marine protected area (MPA) management. With these partnerships, CTC is positioned to become a regional training hub for conservation excellence. With the launch of our Dili office in Timor-Leste, we continue to expand our work with international partners dedicated to protecting the world's oceans.

Indonesia has introduced innovative financing mechanisms to support ocean conservation, including global initiatives for coral reef protection. CTC is actively engaged and positioned as a key partner in implementing sustainable marine strategies. CTC also plays a key role in national marine conservation initiatives, leading training programs and supporting sustainable MPA management across multiple provinces. At our MPA sites in Nusa Penida, Lease, and the Banda Islands, we are developing sustainable financing mechanisms to increase local conservation funding. We remain actively involved in shaping the Coral Triangle Conservation Fund (CTCF) and advising on the Global Fund for Coral Reefs (GFCR) to strengthen long-term conservation funding strategies.

CTC is committed to diversifying funding sources, engaging with impact investment groups that support conservation projects. Our goal is to develop a sustainable funding model, ensuring financial resilience and long-term conservation impact. Establishing an endowment fund would be a key step toward this vision.

We extend our deepest gratitude to our partners, donors, and supporters who have been with us since CTC's inception in 2010. Your trust and commitment have shaped CTC into a leading marine conservation and learning organization. As we move forward, we remain dedicated to protecting the Coral Triangle and inspiring future generations to safeguard our oceans.

**Rili Djohani**

*Executive Director*



# ON-THE-GROUND CONSERVATION ACTIVITIES

## Enhancing MPA Management: Collaborative Workshops and Training in Atauro Island Marine Protected Area (MPA)

From June 26-28, 2024, Coral Triangle Center (CTC) collaborated with the Ministry of Agriculture, Livestock, Fisheries, and Forestry (MALFF) of Timor-Leste, the Roman Luan Foundation, and the Administrator of Atauro Island to conduct workshops and training sessions aimed at improving management effectiveness for the Atauro Island Marine Protected Area (MPA). The event brought together 45 participants, including representatives from MALFF and Atauro's administrative authority, and focused on developing protocols and Standard Operating Procedures (SOPs) for patrol governance, Reef Health Monitoring (RHM), and Resource Utilization Monitoring (RUM).



These guidelines will enable consistent monitoring of the MPA to assess governance, ecological health, and socio-economic impacts—key indicators of MPA management effectiveness. The training included practical exercises such as using GPS, binoculars, and interviews with fishers to implement the RUM protocol and Patrol SOP. Activities like seaweed farming, port operations, and mooring buoy use were also documented.

Timor-Leste's waters, home to diverse ecosystems and species like dugongs, turtles, and whales, are vital for local communities' food security and income through fisheries and marine tourism. Since 2013, CTC and partners have supported establishing the Atauro Island MPA, which was officially legalized through a Ministerial Decree. As Timor-Leste's first MPA, the creation of these protocols represents a critical milestone in marine conservation and resource management, ensuring the sustainable use of its rich marine biodiversity for future generations in Timor-Leste.

## Strengthening Women's Voices on Waste Management in Ay-Rhun Islands MPA

On August 15, 2024, Coral Triangle Center (CTC), in collaboration with local partners, launched a waste management program in Ay-Rhun Islands MPA, part of the Banda MPA Network. This initiative stemmed from a waste management study conducted earlier in the year, which analyzed the existing systems and proposed options for addressing plastic waste in the Banda Islands.

The launch event, attended by 29 participants, including village government representatives, community leaders, women's groups, Pokmaswas (community surveillance groups), and teachers, also served as a platform to discuss future waste management strategies. A key recommendation was for women's groups to participate in annual village planning meetings to secure financial support for the program.

"We hope this initiative will be included in the annual budget for village development, ensuring long-term sustainability," said Salihi Surahi, Head of Rhun Village. Support also came from local stakeholders like SMP 82 Rhun teacher Aziz Lator, who suggested integrating waste management into school activities by exchanging books for collected plastic waste.

The initiative builds on efforts led by a religious women's group, spearheaded by Ibu Masnah, who began tackling plastic pollution after witnessing its impact on the island. Plans were also made to renovate the waste handling station and train women in bookkeeping, waste management, and product development.

CTC aims to involve the entire community in reducing plastic waste and protecting the environment, ensuring a cleaner, healthier future for Ay-Rhun MPA.



## Strengthening Conservation Efforts through Surveillance and Resource Utilization Monitoring Surveys in Ay-Rhun Island MPA

On August 30, 2024, Coral Triangle Center (CTC) and local partners conducted a bi-monthly surveillance and Resource Utilization Monitoring (RUM) survey in Ay-Rhun Island MPA. The initiative aimed to enhance law enforcement, promote sustainable practices, and discourage harmful activities among local fishers, private sectors, and tourism operators.

The survey team comprised of representatives from multiple agencies, including PSDKP Ambon (DG Marine and Fisheries Resources), Polairud Ambon (Water Police), BKKPN Kupang (Banda Sea Unit), TNI AL Banda (Army), a Politeknik Bone student, and the local Pokmaswas (Community Surveillance Group). They started from Neira Island and collected data around Ay, Rhun, and Nailaka Islands, covering the northern part of Ay Island on the return journey.



The survey also included a representative from PT. Hatfield, who collaborated with local fishers to document Endangered, Threatened, and Protected (ETP) species. Bright weather conditions allowed the team to survey all planned areas effectively. Data collection was facilitated by the "Kobecollect" app, with recommendations for training additional MPA personnel in its use. The survey emphasized the importance of continuous monitoring to understand resource utilization patterns and the impact of conservation measures.

CTC's commitment to Ay-Rhun MPA's effective management focuses on enforcement, community engagement, and adaptive approaches. By addressing violations, promoting sustainable practices, and fostering collaboration, the initiative contributes to the long-term health of the MPA, preserving marine biodiversity and supporting sustainable livelihoods for local communities.

## Closing Workshop of the Wallacea Partnership Program II: Highlights from the Kalesang Dugong Project, Maluku

From September 9-12, 2024, Coral Triangle Center (CTC) participated in the closing workshop of the Wallacea Partnership Program II in Manado, facilitated by Burung Indonesia. This event brought together 43 grantee organizations to showcase their projects and share lessons learned with public visitors. CTC highlighted its "Kalesang Dugong" Project, implemented in partnership with the Baileo Foundation and the Department of Marine Affairs and Fisheries (DKPI) of Maluku Province, which aims to protect the endangered dugong ("Dugong dugon") and its seagrass habitat in the Lease Islands Marine Protected Area (MPA).

For nearly 30 years, dugong population data in the Lease Islands MPA has been sparse, creating a gap in conservation strategies. The project addressed this through direct surveys using boats and drones, complemented by a citizen science approach. This method documented 54 dugong sightings, 22 feeding trails, and eight seagrass species, while empowering local communities to report dugong sightings.

Key outcomes included supporting Mahu Village in issuing a community-led village decree for dugong protection, guided by village leader Ibu Raja Christina Lawalata, a champion of the project. Under her leadership, the village introduced innovative programs for conservation and community welfare. The project also established a "Bank Sampah" in Ouw Village to tackle plastic waste impacting seagrass ecosystems, critical for dugong survival. With over 3,000 locals engaged through workshops, surveys, monitoring, and outreach, the project has raised awareness and fostered community-led conservation efforts. By empowering residents to protect dugongs and their habitats, the initiative benefits biodiversity and enhances sustainable livelihoods across the Lease Islands.

**PROGRAM KEMITRAAN WALLACEA II**

**DAERAH KERJA**

- Maluku, Kepulauan Lease
- KSA Pasirauk Maluku Tenggara (KPAOR)
- Kantor Benteng Laut Buru

**DAMPAK**

- Mempertahankan pola perilaku dan pola aktivitas menggigit dan melindungi 22 jenis ikan dugong dan delapan spesies lainnya yang dipantau oleh pemangku kawasan konservasi dalam mendukung rencana strategi pengelolaan dugong di Kawasan Konservasi Kepulauan Lease
- Mendukung masyarakat di Kepulauan Lease melindungi dugong dan habitatnya dengan bekerja sama pemerintah atau pemerintah negeri dan tiga draft peraturan kepala pemerintahan kepala
- Meningkatkan pengetahuan dan kesadaran masyarakat di Kepulauan Lease dalam melindungi dugong dan habitatnya

**PENERIMA MANFAAT**

Proyek Kalesang Dugong melindungi masyarakat dan lingkungan dugong dan habitatnya di Kepulauan Lease memberikan manfaat langsung kepada 170 orang, termasuk kegiatan survei, pemantauan, pelatihan, sosialisasi, dan penyelesaian masalah terkait dengan mangrove lebih dari 3,302 orang di Kepulauan Lease. Masyarakat juga dapat melaporkan dugong melalui CTI Code.

**YUK, KITA BERSAMA MELAKUKAN**

**LETI MAHA KALANG DUGONG**

QR Code: [https://www.burungindonesia.org](#)

# BUILDING CAPACITY IN MARINE RESOURCE MANAGEMENT

## Strengthening Community Capacity through Training and Networking in Ambon, Maluku

From July 9-11, 2024, Coral Triangle Center (CTC) conducted training in Ambon focused on Marine Protected Area (MPA) management for fisheries. This initiative aimed to build the capacity of government officials, non-governmental organizations (NGOs), civil society organizations (CSOs), community surveillance groups (Fokmaswas), and academics in Maluku Province. The training aligns with Indonesia's national vision of designating 30% of its waters as protected areas by 2045, ensuring that local stakeholders are equipped with the necessary knowledge and skills to effectively manage these areas.



The event gathered 31 participants, including representatives from the Department of Marine Affairs and Fisheries (DKP) of Maluku Province, Komunitas Anak Pesisir, Saniri, Pele Pesisir, Moluccas Coastal Care, Kewang Haruku, and various other conservation groups. Topics covered included fish ecology, designing conservation areas, and monitoring and surveillance of marine and fisheries resources. A fishing simulation game was used to demonstrate the consequences of unregulated fishing and the importance of stakeholder collaboration in managing fisheries sustainably.

On July 12, 2024, CTC hosted a Maluku CSO meeting to strengthen collaboration among local organizations, government agencies, and community groups. Opened by Dr. Erawan Asikin, Head of DKP Maluku Province, the meeting brought together 29 participants. Discussions highlighted the role of "Other Effective Area-Based Conservation Measures" (OECMs)-tools defined by the International Union for Conservation of Nature (IUCN) to conserve biodiversity outside of traditional protected areas. Participants shared experiences, identified challenges, and explored strategies for enhancing community engagement in conservation efforts.

By fostering capacity building and collaboration, CTC aims to strengthen networks, empower communities, and promote sustainable management of marine resources. These efforts contribute to the preservation of biodiversity, while also improving the livelihoods of communities in Maluku Province.

## Supporting MPA Management Effectiveness at Karimata Island Marine Nature Reserve, West Kalimantan

From July 30 to August 2, 2024, the Coral Triangle Center (CTC), in collaboration with Yayasan Planet Indonesia (YPI), conducted the first in a series of training sessions on the principles of marine protected area (MPA) management in Pontianak. This initial four-day training aimed to enhance the capacity of participants in managing the Karimata Islands Marine Nature Reserve (Cagar Alam Kepulauan Karimata), a 210,000-hectare MPA established in 1985. Managed by the Natural Resources Conservation Agency (Balai Konservasi Sumber Daya Alam, BKSDA) with support from YPI, the reserve is rich in marine biodiversity and home to iconic species such as dugongs and turtles.

The training, led by CTC, brought together 16 participants from BKSDA and YPI. It covered six foundational topics under the "Principles of Marine Protected Areas" (MPA 101): coastal ecosystem ecology, fish ecology and fisheries management, basics of conservation areas, conservation education, educational tourism, and initial steps for management planning. Additional sessions focused on biophysical-coral reef monitoring, socioeconomic considerations, and preparing management plan documents. A competency assessment, planned for 2024, will reinforce the training's objectives through continued collaboration between CTC and YPI.



This session marks the beginning of a series of capacity-building initiatives by CTC to strengthen MPA management in the Karimata Islands Marine Nature Reserve. "I've learned a lot about conservation areas and how to communicate these messages informally through discussions," said Sirajuddin from BKSDA. "I want all communities in the Karimata Islands Marine Nature Reserve to benefit from the programs conducted by BKSDA and YPI."

By building foundational knowledge and planning further training, this initiative supports the long-term preservation of Karimata Islands' ecosystems and iconic species, fostering sustainable benefits for local communities and biodiversity conservation.

## CTC Continues to Convene Marine Park Capacity Needs Assessment Workshops, Maluku and Bali



On August 26th and 28th, 2024, Coral Triangle Center (CTC) conducted Capacity Needs Assessment (CNA) Workshops in Ambon and Bali to support the Government of Indonesia's plan to develop the country's Marine Protected Area (MPA) Vision 2045 document. The workshops aimed to assess the capacity of MPA management authorities in Maluku and Bali Provinces to support Indonesia's national target of conserving 30% of marine areas by 2045 by declaring MPAs and Other Effective Area-based Conservation Measures (OECM). Participants, including MPA managers, evaluated current institutional capacity and identified future training needs.

OECM refers to areas that are conserved through means other than traditional protected areas, but that still contribute significantly to biodiversity conservation. These areas can include sustainably managed fisheries, community-conserved areas, and other land- or sea-based initiatives that effectively protect ecosystems and species. The OECM concept plays a key role in achieving global conservation targets by supplementing traditional protected areas with complementary conservation measures across broader landscapes and seascapes.

The first workshop, held in Ambon, was attended by 17 participants from the Maluku MPA Management Unit.

Maluku's strategy focuses on expanding conservation areas, integrating the OECM initiative, and increasing local community tenure. The provincial government also plans to establish a Local Public Service Agency (BLUD) to achieve financial self-sufficiency. Capacity-building for the next five years will focus on the basics of conservation areas, OECMs, and socio-economic data, with longer-term priorities on biodiversity, tourism, and fisheries management. Participants emphasized the importance of Training of Trainers (TOT) to ensure knowledge transfer.

The Bali workshop, attended by 9 participants, focused on improving existing MPA management, integrating traditional laws, and promoting marine tourism as a sustainable approach to biodiversity conservation. Bali also aims to transition MPA management to a BLUD for better financial sustainability. Participants identified capacity-building priorities similar to those in Maluku, with a focus on strengthening management effectiveness and aligning training needs with long-term goals.

These workshops will inform targeted training and capacity-building programs to support the Government of Indonesia's goal of establishing 30% of marine areas as MPAs, equating to 97.5 million hectares by 2045.



## Building Capacity for Sustainable Fisheries in Indonesia

From September 24 to 28, 2024, Coral Triangle Center (CTC) participated as a trainer in a four-day Ecosystem Approach to Fisheries Management (EAFM) training in Ambon, Maluku. The training targeted fisheries managers in Fisheries Management Areas (FMAs) 715, 717, and 718, which cover regions such as Tomini Bay, Cenderawasih Bay, and the Arafura Sea. Organized by the Ministry of Marine Affairs and Fisheries, the training included trainers from multiple institutions, such as Marine and Fisheries Training Center (Puslat-KP), Education and Training Center for Government Officials of Sukamandi, CTC, Politeknik Ahli Usaha Perikanan (Poltek AUP), and the National Research and Innovation Agency (BRIN). A total of 34 participants from various local institutions, including Pattimura University and the Maluku Fisheries Office, attended, highlighting the collaborative approach needed for effective fisheries management.

The training covered seven key topics essential to EAFM: identifying fish resources, data collection, defining fisheries management areas, stakeholder identification, problem-solving, setting objectives, and developing action plans. These topics aimed to provide participants with tools to create fisheries management plans tailored to their regions.

Additionally, the training materials are part of a curriculum developed by CTC and collaborators, which will soon be available as a self-paced online program on the CTC Academy website. This training provided CTC with valuable feedback on content relevance and depth, ensuring it meets the needs of local fisheries managers.

CTC's involvement underscores its commitment to supporting capacity building in fisheries governance and sustainable resource management in Indonesia, fostering long-term sustainability for the nation's fisheries sector.



# PARTNERSHIPS AND LEARNING NETWORKS

## Building Regional Partnerships to Strengthen Capacity in Marine Conservation in the Coral Triangle

On September 5th, 2024, Coral Triangle Center (CTC) co-organized the side event "Bridging the Gap: Regional Platforms and Partnerships to Strengthen Capacity Across the Coral Triangle" at the 8th IUCN Regional Conservation Forum in Bangkok, Thailand. The event, hosted by the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF), IUCN, GIZ SOMACORE Project, and WWF Coral Triangle Program, focused on building human capital for sustainable marine resource management in the Coral Triangle. This region is pivotal to global conservation efforts, particularly in the goal of protecting 30% of the world's oceans by 2030.

The event highlighted the CTI-CFF Regional Plan of Action 2021-2030 (RPoA 2.0), emphasizing the need to strengthen skills across sectors, including Marine Protected Areas (MPAs), fisheries management, and marine spatial planning. Speakers underscored the importance of partnerships in driving successful conservation efforts. Christovel Rotinsulu from CTI-CFF discussed the role of regional cooperation, while James Hardcastle of IUCN presented the SOMACORE project, which supports marine ecosystem management at regional and national levels.



CTC Executive Director Rili Djohani shared strategies for capacity-building in marine conservation, and Dr. Olivier Chassot of IUCN discussed the Green List Standard and new financing mechanisms like the Coral Bond initiative in Indonesia. Marie Fischborn of IUCN emphasized knowledge-sharing platforms like IUCN Panorama. Moderated by Maeve Nightingale, the event sparked discussions on strengthening interdisciplinary skills and fostering collaboration to ensure the resilience of the Coral Triangle's vital ecosystems, which are key to global marine biodiversity.

## Strengthening Marine Conservation Efforts in Indonesia: CTC Leads Workshop to Develop National MPA Coordination Forum

On September 18, 2024, Indonesia took a significant step toward advancing marine conservation with the establishment of the Marine Protected Areas (MPA) Co-Management Committee during the MPA National Coordination Forum Workshop in Jakarta. Organized by the Coral Triangle Center (CTC) in collaboration with the Ministry of Marine Affairs and Fisheries (MMAF), the event gathered representatives from NGOs, government bodies, and conservation organizations to formalize the creation of this committee. The committee will play a crucial role in supporting the implementation of Indonesia's MPA and Other Effective Area-based Conservation Measures (OECM) Vision, contributing to the global 30x30 target of protecting 30% of the world's oceans by 2030.

The workshop emphasized the importance of collaboration to safeguard Indonesia's marine biodiversity. Six NGOs, including CTC, WWF-Indonesia, Rare, Konservasi Indonesia, Rekam, and Yayasan Pesisir Lestari, joined forces with the government to ensure effective management of marine resources.



Marthen Welly, CTC's Senior Marine Conservation Adviser, stressed the need for coordinated efforts across sectors, highlighting that the MPA Co-Management Committee would serve as a platform for integrated planning and management.

The committee will oversee the effectiveness of conservation areas, support Indonesia's ambitious 30x45 target to protect 30% of its marine areas by 2045, and coordinate conservation efforts at national and regional levels. A drafting team, formed during the workshop, will create the legal and operational framework for the committee, with a roadmap expected by the end of 2024.

The MPA Co-Management Committee will also improve monitoring systems using global standards, enhance conservation data management, and support best practices for marine protection. This initiative is a major milestone in Indonesia's marine conservation strategy, setting the stage for global leadership in marine protection.

## CTC Supports Sustainable Tourism Study in Indonesia's MPAs

From August to September 2024, Coral Triangle Center (CTC) collaborated with the consultancy firm Eco Africa, to conduct a comprehensive sustainable marine tourism development study focused on the marine protected areas (MPAs) in Raja Ampat and Alor, Indonesia, part of the Indonesia Oceans for Prosperity (LAUTRA) Project, funded by the World Bank and implemented by the Ministry of Marine Affairs and Fisheries. The study aims to provide an in-depth analysis of sustainable tourism opportunities and address challenges faced by local tourism businesses.



The study's primary objective is to design a technical assistance package to support micro, small, and medium-sized enterprises (MSMEs) operating within these MPAs. It focuses on ensuring that tourism enterprises adopt sustainable practices aligned with MPA management plans, while improving their access to financial resources to make them viable, bankable businesses.

To achieve this, CTC and Eco Africa reviewed lessons learned from past initiatives in Indonesia supporting sustainable, nature-positive tourism businesses around MPAs. They assessed market conditions at each site, identified potential pipelines for marine tourism MSMEs, and evaluated their bankability within the framework of MPA management plans. Additionally, the consultant will identify relevant capital providers, including financial intermediaries and assess their readiness to engage with the identified pipelines. Based on these assessments, the consultant will offer recommendations on the necessary technical assistance to bridge the gap between MSMEs and financial intermediaries, ensuring alignment with MPA management plans and leveraging lessons from past initiatives.

This initiative contributes to Indonesia's broader sustainable tourism strategy by providing essential information for policy-making and strengthening governance in marine tourism. By supporting the growth of skilled and competitive MSMEs, the project enhances Indonesia's ability to protect its marine and cultural assets while creating economic opportunities for local communities in MPAs.

## Advancing Sustainable Marine Tourism in Indonesia with Green Fins

From August 5 to 7, 2024, the Green Fins team, represented by Coral Triangle Center (CTC) and The Reef-World Foundation, conducted a series of meetings with national stakeholders in Jakarta, including the Ministry of Tourism, Ministry of Marine Affairs and Fisheries, Ministry of Environment and Forestry, and the Diving Companies Association of Indonesia (PUWSI). These discussions aimed to align national policies with Green Fins' sustainability principles, addressing the growing environmental challenges of marine tourism, while promoting eco-friendly practices to protect coral reefs and marine life.

Since 2018, CTC has been the national coordinator for Green Fins in Indonesia, working in partnership with UNEP and RWF to assess and train dive operators. By September 2024, CTC had assessed 43 dive operators in Bali, NTT, and Maluku. CTC has also been authorized to train and certify individuals, expanding the initiative's reach. These efforts are part of a broader strategy to establish a sustainable marine tourism model in Indonesia that benefits both local economies and marine ecosystems.



The meetings set the stage for the upcoming National Workshop on Green Fins in February 2025, which will involve a broader range of stakeholders to further strengthen Indonesia's commitment to sustainable marine tourism.

In September 2024, CTC conducted Green Fins assessments for six dive operators in Komodo National Park. These operators demonstrated significant improvements in their environmental practices, including reducing plastic waste and adhering to responsible diving guidelines. This round of assessments aligns with Green Fins' mission to protect coral reefs and promote sustainable tourism. Green Fins now has 21 certified members in Indonesia, including four Gold Members, recognized for exemplary sustainable practices. Through these efforts, CTC is advancing sustainable diving practices and ensuring the long-term conservation of Indonesia's marine ecosystems.

## CTC Engages in Climate Change Workshop, Showcases Marine Conservation Efforts



On September 9-10, 2024, Coral Triangle Center (CTC) participated in the "Addressing Climate Change: The Voice of Emerging Asia" workshop in Bali, organized by the Center for Asian Philanthropy and Society (CAPS). The event brought together climate experts and corporate leaders to discuss critical climate challenges in the region, with a focus on mitigation and adaptation strategies tailored to the needs of Emerging Asia.

CTC contributed to discussions that emphasized the importance of developing a platform to overcome geopolitical and sectoral barriers. Key priorities included identifying, developing, and scaling climate solutions, facilitating meaningful dialogue, and fostering talent and leadership. The need to leverage local resources and wisdom to ensure regionally relevant solutions was also highlighted.

Following the workshop, CTC hosted delegates at the Center for Marine Conservation in Sanur, Bali, showcasing the significance of monitoring and restoration efforts in strengthening reef resilience. Delegates also learned about conservation-based livelihood programs that empower local communities and promote sustainable marine practices. The immersive experience emphasized the vital roles of science, stewardship, and community engagement in preserving natural ecosystems. Established in 2013, CAPS aims to enhance philanthropy in Asia, supporting initiatives that address social challenges through research, partnerships, and best practices. CTC is committed to continuing its work in marine conservation and sustainable development, contributing to regional efforts to protect the Coral Triangle and empower local communities.



## CTC Joins Gender Equality and Social Inclusion Regional Exchange in Bangkok



On September 9-10, 2024, Coral Triangle Center (CTC) had the opportunity to participate in the Gender Equality and Social Inclusion (GESI) Regional Exchange (REX) held in Bangkok, Thailand. The event was organized by the USAID Sustainable Fish Asia Technical Support (SuFIA TS) Project, which aims to improve the management of marine biodiversity and fisheries resources in the Indo-Pacific region. SuFIA TS focuses on reducing unsustainable, illegal, unreported, and unregulated (IUU) fishing, while also integrating GESI approaches in all its activities. The project addresses the challenges faced by women, migrants, youth, and other marginalized groups who often experience systemic discrimination in the fisheries sector, limiting their participation in decision-making processes and their access to resources.

CTC joined the workshop in its capacity as the co-chair of the Coral Triangle Initiative on Coral Reefs, Fisheries, and Food Security (CTI-CFF) Women Leaders Forum (WLF).

The workshop gathered representatives from the six Coral Triangle countries—Indonesia, Malaysia, the Philippines, Papua New Guinea, Solomon Islands, and Timor-Leste—along with ASEAN member countries such as Thailand, Vietnam, and Laos. The objectives of the meeting were to discuss the establishment of a regional Gender Equality Hub, provide capacity-building training on grant proposal writing and GESI-sensitive communications, and develop knowledge products that document the successes and challenges of GESI integration in sustainable fisheries management.

Key outputs from the event include a draft work plan for the Gender Equality Hub, training session designs, and communication products highlighting the current status of GESI in fisheries management. The impact of this regional exchange will strengthen GESI integration in fisheries work across the region, equipping practitioners and policymakers with the tools they need to advance gender equality and empower marginalized groups. CTC will continue its role in supporting these initiatives, especially as the CTI-CFF prepares for the upcoming Senior Officials' Meeting in November 2024.



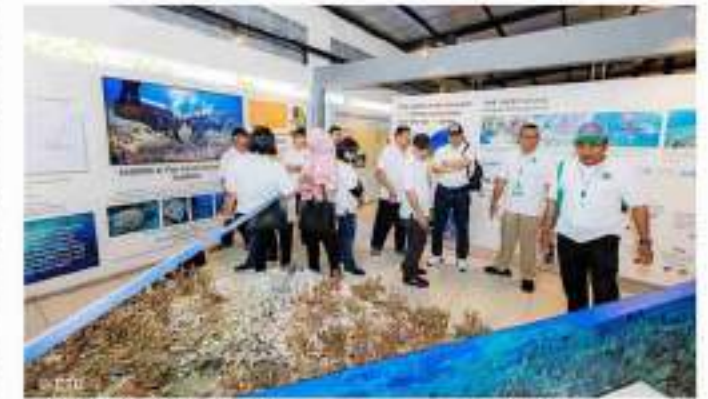
## CTC Hosts Indonesian Officials from the Ministry of Villages, Development and Disadvantaged Regions



On September 27, 2024, the Ministry of Villages, Development of Disadvantaged Regions and Transmigration (Kemendes PDTT) visited Coral Triangle Center (CTC) in Sanur, Bali, to discuss climate resilience efforts for rural communities, particularly those in coastal areas. This visit followed a recent regulation encouraging the use of village funds for climate resilience programs, aiming to strengthen disaster preparedness and environmental conservation.



The Ministry's Secretary-General Taufik Madjid highlighted CTC's coastal conservation efforts as key to disaster mitigation and boosting climate resilience. He praised CTC's work involving local communities and expressed interest in further collaboration to enhance local capacities for disaster preparedness. CTC, dedicated to preserving marine biodiversity in the Coral Triangle, has led numerous initiatives to support climate resilience in coastal communities. These include mangrove restoration, coral restoration, waste management, seaweed processing, and other capacity building efforts for women and fishermen living in coastal areas.



Madjid stressed the vulnerability of Indonesia's coastal villages, which account for approximately 60% of the country's total, to natural disasters. He proposed piloting disaster resilience projects in selected villages to enhance local capacity. CTC Executive Director Rili Djohani expressed gratitude for Kemendes PDTT's support, emphasizing the importance of empowering communities through village funds to address local environmental challenges.



The visit, attended by key officials from Kemendes PDTT, the Ministry of Finance, and the World Bank and CTC Board Member Suseno Sukuyono, aimed to strengthen collaboration and promote preventive measures to enhance the disaster resilience of rural communities, particularly in coastal areas.



# OUTREACH AND COMMUNICATION

## MPA Day 2024: Connecting Children with Mangroves

On August 1st, Coral Triangle Center (CTC) celebrated MPA Day with a focus on children and mangrove restoration in the Nusa Penida MPA. Since 2022, CTC has partnered with the Gili Bhuana Group to rehabilitate mangrove forests in Nusa Lembongan, with 7,965 square meters of mangrove area replanted so far, covering 44.5% of the damaged forest. In addition, the Ocean Keeper Club, launched in March 2022, has educated 781 children in the Sanur area and 261 more in the Nusa Penida MPA about marine environments.

In collaboration with The Intrepid Foundation, CTC organized fun, educational activities for 50 students from elementary schools. The day began with educational classes about mangrove ecosystems and interactive bingo games, where students worked in teams to identify different elements of the mangrove forest.



After lunch, they participated in a mangrove planting session, planting 60 seedlings in the conservation area.

For many of the children, this was their first time visiting a mangrove forest. While they were familiar with mangrove trees, they gained a deeper understanding of their environmental benefits. The day ended with the soft launch of the Adopt-A-Mangrove program, aiming to support mangrove rehabilitation and foster long-term collaboration for environmental sustainability. Through these efforts, CTC hopes to engage the community in protecting these vital ecosystems, which play a crucial role in carbon absorption and coastal protection.



## Rolex's Global Perpetual Planet Initiative Features CTC's Conservation Efforts in the Nusa Penida Marine Protected Area



In this quarter, Coral Triangle Center (CTC) is proud to be featured in the "ROLEX Perpetual Planet Initiative" campaign alongside Mission Blue for its critical contributions to marine conservation in the Nusa Penida Marine Protected Area (MPA). This recognition highlights CTC's efforts toward protecting 30% of the world's oceans by 2030, as part of a global push to safeguard marine ecosystems. The feature included CTC Executive Director Rili Djohani, CTC's dedicated team, and local partners for their continuous work in preserving the biodiversity of the Nusa Penida MPA. Through community engagement and sustainable marine practices, CTC continues to protect vital habitats, ensuring that these ecosystems thrive for future generations.

CTC's collaboration with the Rolex Perpetual Planet Initiative is part of a broader global movement showcasing inspirational conservation work across platforms such as the Rolex website and in prominent publications - National Geographic, The Singapore Straits Times, and Elle Indonesia, among others. Additionally, our contribution is being recognized on social media and through documentary-style content that highlights the importance of marine protected areas like Nusa Penida in maintaining ocean health.

This exposure provides a great opportunity to engage a wider audience in marine conservation efforts, empowering local communities and fostering partnerships for a sustainable ocean future. CTC is honored to be part of this global effort and are inspired by the shared goal of protecting our planet's oceans for generations to come.



# CENTER FOR MARINE CONSERVATION

## A Double Dive with OceanX and the Majestic Manta Rays



In August 2024, Coral Triangle Center (CTC) hosted two engaging sessions for the Ocean Keeper Club (OKC). The first, held on August 24, featured a live streaming event in collaboration with OceanX, attended by 33 students. The 30-minute session introduced the OceanX team and their research vessel, OceanXplorer, showcasing cutting-edge marine exploration. Students had the opportunity to interact with experts, asking questions about ocean research and the science behind their missions, sparking curiosity about marine life.



On August 31, OKC Session 8 focused on manta rays, with the theme "Pari Manta si Layangan Laut." CTC Marine Conservation Advisor Marthen Welly shared insights into the critical role manta rays play in marine ecosystems, highlighting their migratory behaviors and importance for ocean health. Students participated in an interactive activity, measuring the size of a manta ray and discussing ways to protect these gentle giants. The session was highly engaging, with students asking insightful questions about manta ray conservation.



Earlier, on July 19, CTC staff visited the OceanX research vessel, OceanXplorer, at Benoa Port in Bali. The tour, led by the OceanX Education Team, provided a close look at the vessel's advanced research technologies, including mini-submarines and eDNA labs. Students and NGO members from WWF Indonesia and Marine Buddies Bali explored various labs and learned about OceanX's ocean exploration missions, which aim to inspire future ocean advocates and conservationists.



Both events successfully promoted ocean awareness and conservation, fostering a deeper understanding of marine ecosystems and the importance of preserving them for future generations.



# ORGANIZATIONAL DEVELOPMENT

## Innovation and Leadership: CTC Staff Development Week 2024 Focuses on Building Organizational Resilience



From July 15 to 17, 2024, Coral Triangle Center (CTC) hosted its Staff Development Week under the theme "Innovation and Leadership: Imagine the Future and Paving the Way for Organizational Resilience." Held at the Center for Marine Conservation in Sanur and Jenggala Ceramic in Jimbaran, the event brought together CTC staff from Bali, Jakarta, Maluku, and Timor-Leste.



The event focused on enhancing teamwork, fostering innovation, and strengthening the organization's resilience in line with its growth. Activities emphasized the importance of aligning CTC's programs with Gender, Equity, and Social Inclusion (GESI) and Knowledge Management (KM) strategies. The event opened with a leadership and public speaking training session led by Dicky Lopulatan, an expert in community-based activities, which included presentations, games, and group activities to encourage proactive sharing and innovative thinking.

On Day 2, CTC Board Chairperson Yuli Ismartono led a session on communication and branding, followed by updates on CTC's programs by the Knowledge Management and Human Resources teams. Day 3 featured a GESI workshop by Dr. Ria Fitriana, which inspired staff to integrate gender perspectives into CTC's conservation projects. The meeting concluded with a hands-on pottery class at Jenggala Studio, allowing staff to explore creativity and ceramics production.



The event highlighted the importance of innovation and teamwork in achieving the organization's goals, setting the stage for CTC's 4th Strategic Plan (2025-2029), focused on integrating core values and solidifying CTC's position as a learning center of excellence.



We also welcomed two interns from the University of Aveiro in Portugal who worked under the Cross Cutting Team.



### Jacqueline Hilgendorf

Jacqueline is originally from Germany and holds a Master's degree in Environmental Impact Assessment from the University of Koblenz-Landau, where she specialized in aquatic ecosystems and ecotoxicology. Her research focused on how chemical pollutants, such as pharmaceuticals, metals, and pesticides, affect the environment and the organisms within it. She has collaborated with Tamara in designing graphics and posters for her PhD research on host-microbe interactions in coral reefs. Jacqueline will be contributing to the CTC's Cross-Cutting Department for a one-month period.



### Tamara Stuij

Tamara is from the Netherlands and holds a Master's degree in Marine Sciences from Utrecht University. She completed her PhD in April this year at the University of Aveiro in Portugal, where she specialized in tropical (microbial) marine ecology. Her research focused on host-microbe interactions within tropical coral reef organisms and how these interactions are affected by anthropogenic environmental changes. Specifically, her PhD work examined the role of terrestrial-derived humic substances in enhancing coral reef resistance to rising temperatures and UVB exposure. Tamara will be working with the CTC's Cross-Cutting Department in the coral reef restoration program for the next two months.

## New Team Members

During this quarter, CTC added two new staff members and also hosted 2 interns in Nusa Penida MPA and in the Bali office.



### Asia Salsabilla, Program Communications Specialist

Asia holds a degree in Marine Science from Universitas Padjadjaran, combining her scientific expertise with a passion for communication. Before joining CTC, Asia worked at Dialogue Communications where she worked on PR strategies for clients across a variety of industries, including notable names like DAIKIN Indonesia and Klinik Pintar. This exposure to diverse sectors helped her sharpen her ability to create tailored communication strategies, ensuring they resonate effectively with each unique audience. Prior to that, she managed communications for national and international partners at the Ministry of Marine Affairs and Fisheries. As of September 2024, Asia joins CTC as a Program Communications Specialist, where she will be crafting impactful communications materials and strategies to support marine conservation efforts.



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# COLLABORATION

## National Governments in the Asia Pacific Region

01. Coral Triangle Initiative for Coral Reefs, Fisheries and Food Security (CTI-CFF) Regional Secretariat and National Coordinating Committees
02. Ministry of Agriculture and Fisheries, Timor-Leste
03. Center for South China Studies of Ministry Foreign Affairs
04. Department of Marine Parks, Malaysia
05. Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

## Ministry of Marine Affairs and Fisheries (MMAF) of the Government of Indonesia

01. MMAF Human Resources & Community Development Agency (BPSPDM-KP)
02. MMAF DG KP3K, Directorate KKJI
03. MMAF Directorate Marine Biodiversity Conservation Area (IKKHL)\*
04. MMAF Fisheries Training Center in Banyuwangi
05. MMAF Fisheries Training Center in Tegal
06. MMAF Fisheries Training Center in Ambon
07. MMAF BPSPPL Denpasar
08. MMAF Balai Kawasan Konservasi Perairan Nasional (BKPPN) Kupang
09. MMAF Pengawas Sumberdaya Kelautan Pas Banda

## Provincial Governments and Agencies

01. Bali Provincial Government (Dinas Kelautan dan Perikanan)
02. NTT Provincial Government (Dewan Kawasan Konservasi Perairan Nasional - DKPPN)
03. Maluku Provincial Government (Bappeda and Dinas Kelautan dan Perikanan)
04. Klungkung District Government (Bupati, Bappeda, Dinas Peternakan - Perikanan dan Kelautan, Dinas Pariwisata)
05. Klungkung Regency Government (Pemerintah Klungkung)
06. Central Maluku District Government (District Planning and Marine-Fisheries Office)
07. Seram Timur District Government (Dinas Kelautan dan Perikanan)
08. Certification Institute for Marine Core Competencies - LSPK (Lembaga Sertifikasi Profesi Kelautan)
09. Pusat Pelatihan Mandiri Kelautan dan Perikanan (P2MKP)
10. Balai Teknologi Industri Kreatif Keramik (BBPT-BTIKK)
11. Balai Pengelolaan Hutan Mangrove Wilayah I

## Non Government Organizations

01. International Coral Reef Initiative (ICRI)
02. Global Sustainable Tourism Council (GSTC)
03. International Union for Conservation of Nature (IUCN)
04. The Nature Conservancy (TNC)
05. World Wildlife Fund (WWF)
06. Conservation International (CI)
07. RARE Conservation
08. Conservation Strategic Fund (CSF)
09. Pusat Pendidikan Lingkungan Hidup (PPLH) Bali
10. Yayasan Bahari Nusantara - Bali
11. Yayasan Nusa Wisata, Nusa Penida
12. Friends of National Park Foundation - Nusa Penida
13. Yayasan Warisan Budaya Banda Naira - Kepulauan Banda
14. Aquatic Alliance Foundation
15. Yayasan Masyarakat dan Perikanan Indonesia (MDPI)
16. Mission Blue
17. Plastic Pollution Coalition
18. Reef World Foundation
19. Environmental Defense Fund (EDF)
20. Starling Resources
21. Oceanic Society
22. Lembaga Partisipasi Pembangunan Masyarakat (LPPM)
23. eL SIL Kie Raha
24. Yayasan Balao
25. Role Foundation
26. Australian Volunteers International (AVI)
27. Studio Gelombang
28. Seattle Aquarium
29. Mars Sustainable Solutions

## Academic Institutions

01. Australian Tropical Marine Alliance (ATMA)
02. Murdoch University - Australia
03. Georgia University - USA
04. Wageningen University - Netherlands
05. Western University of Australia
06. Victoria Shanghai Academy - Hongkong
07. Indonesian Institute for Science - LIPI
08. Institut Pertanian Bogor - IPB
09. Brawijaya University - UNIBRAW
10. Udayana University - UNUD
11. Hasanudin University - UNHAS
12. Diponegoro University - UNDIP
13. Pattimura University - UNPATTI
14. University Warmadewa in Bali
15. Sekolah Tinggi Perikanan - STP
16. Universitas Pendidikan Ganesha Singaraja - UNDIKSA
17. University of Khairun
18. Sekolah Tinggi Perikanan Hatta Syafrir
19. University of Darussalam

## Private/Corporates/Agencies

01. World Ocean Council
02. Young Presidents Organization
03. National Geographic Society
04. Asian Geographic Magazines Pte Ltd
05. The Body Shop Indonesia
06. Jenggala
07. Grand Luley Resort
08. Kummara
09. GummyBox
10. OceanBellz
11. PADI
12. Hotels in Bali (Hard Rock Hotel Bali, Fairmont, Mercure, Sudamala, Prama, Sanur Paradise, Tanjung Sari)
13. Dive Operators Community Komodo (DOCK)
14. GAHAWISRI Bali
15. GAHAWISRI Maluku
16. Smiling Tours
17. Buffalo Tours
18. Tierra Mar
19. Sustainable Solutions
20. Studio JVG

## Bali and Nusa Penida

01. Lombokan Marine Association
02. Nusa Lombokan World Diving
03. Lombokan Dive Center
04. Lombokan Dive Operator Association
05. Blue Corner Dive Center
06. Big Fish Dive Center
07. Two Fish Dive Center
08. Bali Hai Cruise
09. Crystal Dive Center
10. AUAdiving
11. Era Dive Center Marine Adventures
12. LivingSeas
13. Bali Diving Academy
14. Ceningan Divers Resort
15. Reef Seen Resort

## Maluku and North Maluku

01. Blue Motion Dive Center
02. Mahu Lodge
03. Pari Dive

## Community Based Organizations (CBOs)

### Bali & Nusa Penida

01. Satya Posana Nusa
02. Celagi Buana Putra
03. Majelis Ait
04. Forum Krana Muda
05. Mangrove Tour Jungut Bahu
06. Forum Petani Rumpul Laut
07. Forum Nelayan
08. Karang Taruna Sanur Kajah
09. Yayasan Pembangunan Sanur
10. Kelompok Nuansa Pulau

### Banda

01. Kelompok Konservasi Masyarakat Pulau Ay
02. Kelompok Konservasi Masyarakat Pulau Rhu
03. Kelompok Konservasi Masyarakat Pulau Hatta
04. Kelompok Kreatif Anak Banda (KKAB)

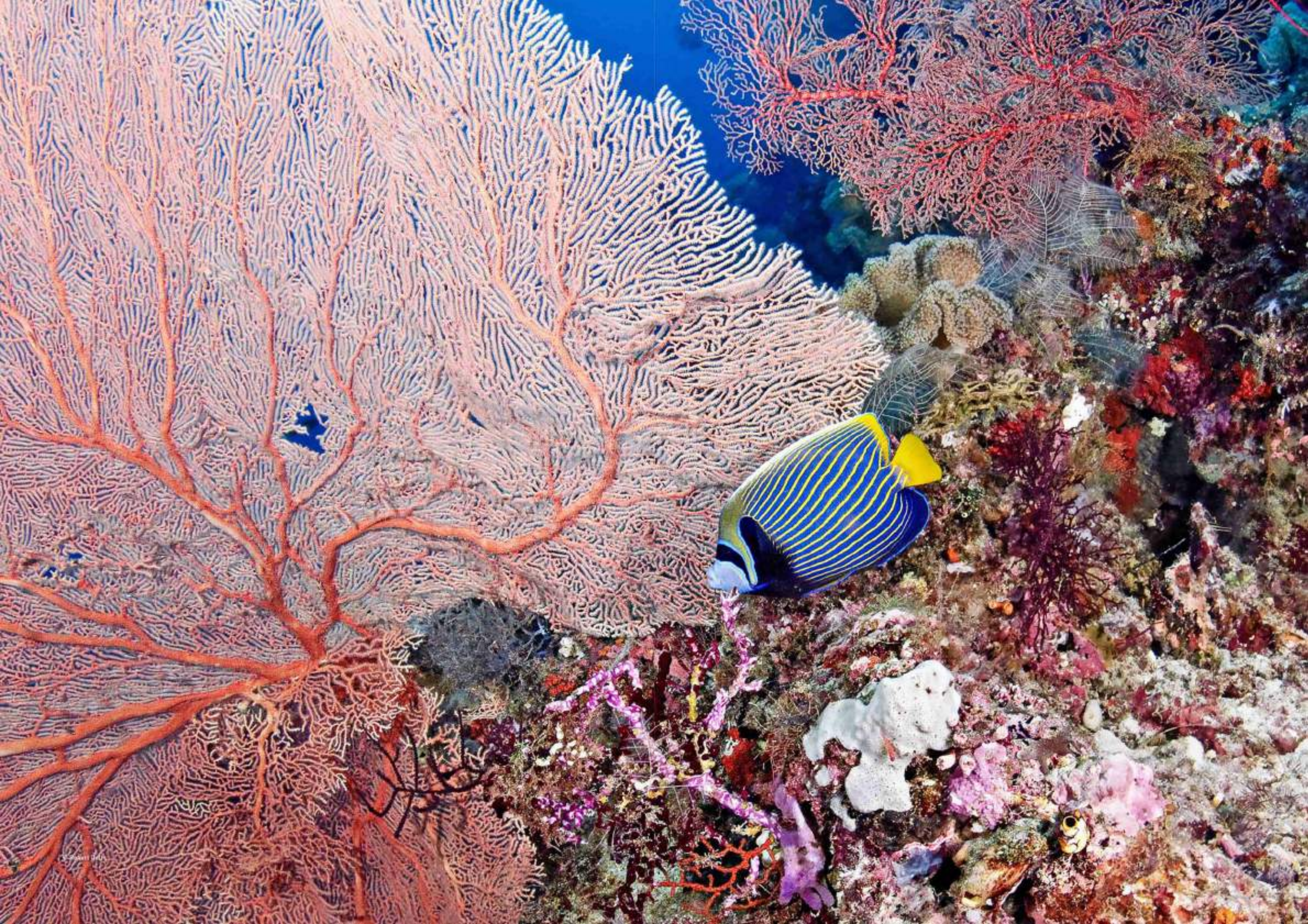
### Less, Sula and Buano Islands

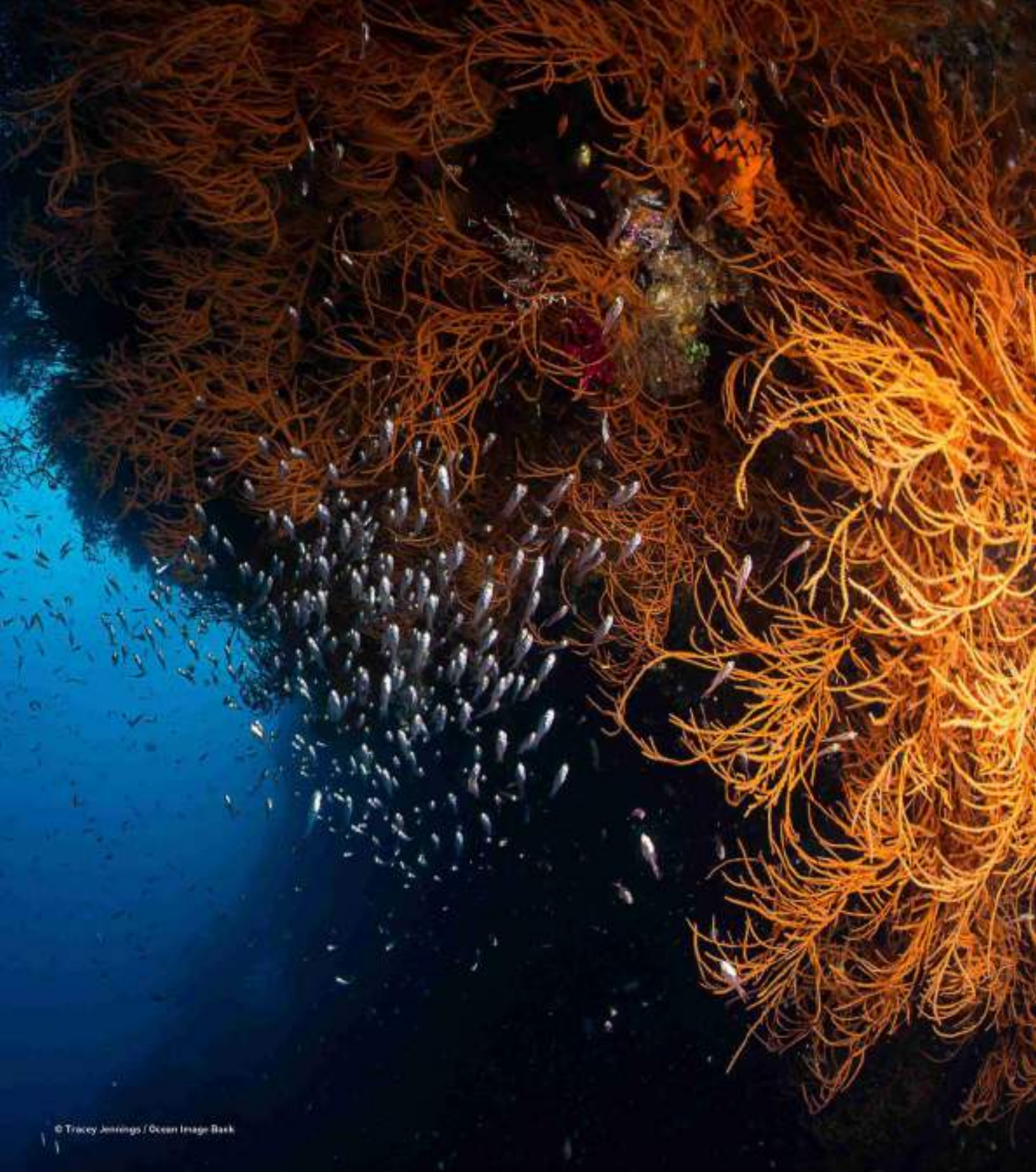
01. Moluccas Coastal Care (MCC)
02. Happy Green Islands (HGI)
03. Klasik Gereja Protestan Maluku
04. DPD Komite Nasional Pemuda Indonesia (KNPI)

## Donors

01. SymAsia Foundation
02. Rainbow Foundation
03. David and Lucile Packard
04. Margaret A. Cargill Philanthropies
05. Walton Family Foundation
06. Critical Ecosystems Partnership Fund (CEPF)
07. Waterloo Foundation
08. National Geographic
09. Hard Rock Hotel Bali
10. USAID Sustainable Ecosystems Advanced (SEA) Project
11. USDO (United States Department of Interior)
12. Australia's Government (Department of Environment & Energy)
13. AusAid (Australian Consulate-General Bali)
14. UN Environment Programme
15. Arafura and Timor Seas Ecosystem Approach (ATSEA)
16. Bloomberg Philanthropies







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