

INDONESIA OCEANS PROGRAM INTERNAL REPORT

March-April 2021

Highlights of the month:

Post Seroja Situation Update
from Savu Sea office

(pg. 5)

Recommendations for
Mangrove Restoration Areas
on the Coast of Rembang
Regency

(pg. 14)

Signing of cooperation
agreement (Perjanjian Kerja
Sama) between IOP YKAN
and DG of Capture Fisheries
(DJPT)

(pg. 16&19)

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The Nature Conservancy Vision and Mission

www.nature.or.id

OUR MISSION

The mission of The Nature Conservancy is to conserve the lands and waters on which all life depends. Together, we promote the value of nature and catalyze transformational change in conservation and sustainable use of natural resources for the benefit of people and nature.

OUR VISION

Our vision is to leave a sustainable world for future generations.
A prosperous Indonesia where the needs of people and the sustainability of nature are in balance for today's and future generations.

Indonesia Oceans Program

[https://connect.tnc.org/sites/AsiaPacific/Indonesia/Workspaces/
MarineTeam/Pages/Home.aspx](https://connect.tnc.org/sites/AsiaPacific/Indonesia/Workspaces/MarineTeam/Pages/Home.aspx)

TNC I-COP 2020 GOAL:

Transform management of 10 mio ha of Indonesia's coastal & marine resources to advance sustainable development and climate change adaptation.

How do we achieve our goal?

PROTECT

Demonstrate effective biodiversity conservation in 10 mio hectares, and leverage to additional 2 mio hectares.

TRANSFORM

Partnering with government, community and private sectors to demonstrate sustainability in at least three types of economic activity in coastal area (fisheries, tourism, mariculture)

Promote integrated management & spatial allocation at ecoregion/seascape level balancing economic interests – conservation – climate change adaptation in 20% of Indonesian waters & EEZ.

INSPIRE

Building constituencies and future leaders of conservation from the private sectors and public in at least 60 villages across 18 districts.

Site: Wakatobi Writer: La Ode Arifudin

TOURISM PROGRAM MATERIAL INPUT FOR RPJMD WAKATOBI 2021-2026

IOP Strategy:	Oceans Protection
Detail location:	Wangi-Wangi
Funding Source:	
Reporting type:	Supporting Activity Report
Partners:	Dinas Pariwisata Kabupaten Wakatobi, OPD Pemda, NGO

On March 5, YKAN participates in stakeholder discussion to provide input and suggestions regarding the development of Wakatobi tourism, to be included in the RPJMD document for the period 2021 – 2026.



Tourism development in Wakatobi adheres to several principles: Adaptive, Innovative and transformative, Collaborative, Community-based, Sustainable and regenerative, and Authentic and Experiential.

Participants were divided into five groups to discuss some of the current scopes of problems: Destinations (management and products), HR and Institutions, Marketing, Industry, and Creative Economy related to what is expected, selected the program priority and person in charge.

Group discussion to develop Creative Economy program Kesultanan Buton (Photo: La Ode Arifudin/TNC)

DISCUSSION WITH POASSA NUHADA REGARDING JASA RAHARJA SITE VISIT PLAN AND KIOSK KONSERVASI

IOP Strategy:	Blue Economy & Oceans Protection
Detail location:	Wangi-Wangi
Funding Source:	
Reporting type:	Activity Report
Partners:	Poassa Nuhada, Kulati Village Government

On March 7, a meeting was held with the Poassa Nuhada group members and the Kulati Village Government to prepare for the Jasa Raharja visit to Kulati Village. The visit is a form of commitment to continue funding support for program assistance in Kulati Village related to strengthening the economy of women's groups and Bumdes, sustainable products and waste management.

Meanwhile, Conservation Kiosk will be constructed on village-owned land adjacent to the Kulati Village Asset Building. The Conservation Kiosk will become a village asset and designate for BUMDES economic activity, including general community activities.



(1) Discussion with Poassa Nuhada and Village government representatives (2) Village land for Conservation Kiosk (Photo: La Ode Arifudin/TNC)

PUBLIC LECTURE WITH AKKP WAKATOBI ABOUT MHA KAWATI TOMIA LOCAL WISDOM (OLE FISH)

On March 26, YKAN was invited as a speaker for Public Lecture at AKKP Wakatobi Campus to share YKAN's program in supporting Kawati Tomia Indigenous Law Community in managing Ole Fish resources on Tomia Island. The lecture was attended by 49 cadets (27 male, 22 female) and four teaching staff.

Mr Daniel Ndahawali, as the AKKP Wakatobi Director, expressed his gratitude for YKAN willingness to share in class and cooperation between YKAN and Wakatobi AKKP.

IOP Strategy:	Oceans Protection
Detail location:	Wangi-Wangi
Funding Source:	INDO Ocean CBRM – PI 16868 110127 - Indo Peierls Wakatobi
Reporting type:	Activity Report
Partners:	AKKP Wakatobi



MINI WORKSHOP: IMPLEMENTATION OF DIVING TOURISM NEW-NORMAL SOPS IN WAKATOBI

On April 27, as a follow-up to YKAN collaboration with the Wakatobi Regency Tourism Agency to develop a New-Normal Adaptation Guide for Diving Operator or Trip Organizers in Wakatobi Regency.

The Tourism Agency of Wakatobi Regency appreciates YKAN's proactiveness and supports reviving tourism businesses, especially diving tourism in Wakatobi. To strengthen the implementation in the field, the Tourism Agency issued a letter of support that was addressed to Diving Operators and Trip Organizers to follows YKAN New-Normal Diving SOPs.

The importance of diving tourism SOPs to be printed and distributed in public areas is as an effort to remind the public to consistently apply the Health protocol and remain productive in the New Normal. YKAN needs to promote the SOP on its social media to generate interest and inform about Wakatobi's effort to ensure the health safety of tourists.

IOP Strategy:	Blue Economy
Detail location:	Kaledupa
Funding Source:	INDO Ocean CBRM – PI 16868 Anne Ray_CCE, SLC – FI04765 INDO Wakatobi Project - 103436
Reporting type:	Activity Report
Partners:	Dinas Pariwisata Kabupaten Wakatobi



*Signing of letter of support for New-Normal Diving SOP
(Photo: Abdul Kadir/ KPA Poltek KP Bone)*

MEETING WITH KULATI VILLAGE CONSERVATION PARTNERS TO DISCUSS YKAN ASSISTANCE IN KULATI

IOP Strategy:	Oceans Protection
Detail location:	Tomia
Funding Source:	INDO Ocean CBRM – P116868 110127 – INDO Peierls Wakatobi
Reporting type:	Activity Report
Partners:	Pemdes Desa Kulati, Bumdes POTAPAKI, Kelompok Poassa Nuhada

On 13-14 April 2021, in Kulati Village, at least 16 participants attended to share their understanding regarding YKAN's plan to establish a women's group product outlet and follow-up plans for using the Conservation Kiosk constructed in Kulati Village.

The meeting participants welcome and support YKAN programs in Kulati Village. Through the Kulati Village government, they express their gratitude and hope that this collaboration will continue.



Submission of additional equipment for the Kulati Village Conservation Kiosk. (Photo: Abdul Kadir / Poltek KP Bone)

Concerning the establishment of the Conservation Kiosk, conveyed its currently used by BUMDES POTAPAKI to support Bumdes business activities. The immediate plan to build a women's group product outlet is a part of YKAN assistance with Jasa Raharja funding support to improve the fishermen's products quality and the community's economy in Kulati Village.

DISTRIBUTION OF PARTNER UNIFORM IN WAKATOBİ REGENCY

IOP Strategy:	Oceans Protection
Detail location:	Wakatobi
Funding Source:	INDO YTNC Integrated Ocean Management – P100257 Anne Ray_CCE, SLC – F104765 INDO Wakatobi Project - 103436
Reporting type:	Activity Report
Partners:	Barata Kahedupa, Forkani, Waduri Prima, Akka Moolu, Komanangi, Komunto, Poassa Nuhada, Foneb

On April-May 2021, YKAN presents uniforms for all YKAN conservation partners in Wakatobi. This activity is a form of support and gratitude for their contributions. The tagline on the back of the uniform is a trademark of the partner's sustainable vision. With these uniforms, the partner increased their commitment and excitement to realize our shared sustainable natural resource management vision.



Site: Savu Sea Writer: Yedityah Tridarty Mella

POST SEROJA SITUATION UPDATE FROM SAVU SEA OFFICE

During this period, in addition to the Covid-19 pandemic that is still happening all over the world including in YKAN's target villages in NTT Province, NTT Province was also hit by a severe storm namely the tropical cyclone "Seroja" which devastated land and sea areas in NTT; including seaweed cultivation, which is carried out by farmer groups in the target villages. Although these conditions have hindered the program's agenda in the field; but so far some program activities can still be carried out; while still implementing a fairly strict health protocol; to ensure that all parties involved remain protected from Covid-19.

IOP Strategy:	Blue Economy, Oceans Protection, Oceans Resilience
Detail location:	NTT / Savu Sea Marine National Park Region Kupang & Rote Ndao District:
Funding Source:	P 104863 & P 100257 Tahija – F 104225 MACP – F 104765 Anthropocene - P 100257
Reporting type:	Activity Report
Partners:	

NEW SEAWEED AQUACULTURE COORDINATOR AND VILLAGE VISIONING IN SULAMU



Village visioning in Sulamu

In February 2021, Tua Hasiholan Hutabarat has been recruited for the position of Seaweed Aquaculture Coordinator and based in Rote Island.

The visioning activity was held in Sulamu, Kupang Regency on March 12, 2021. This activity aims to:

- Provide a systematic description of Visioning to the community and the Village Government.
- Able to find the potential of groups, as well as individuals.
- Dig up accurate information related to dreams in the community as well as the Village Government.
- Provide information openly, thorough and understandable related to potential, dreams or hopes to the community and Government.

This activity was attended by various parties such as the Village Government, representatives of religious leaders, community leaders, women leaders and seaweed farmers.

PUBLIC CONSULTATION IN KUPANG REGENCY: AKLE, SULAMU AND LIFULEO

The events were held in Akle on March 12, 2021, in Sulamu on March 18, 2021 and in Lifuleo on March 19, 2021. The purpose of the public consultation activity are so that the village government and the community can understand well the potential/assets of the village and can understand the importance of managing Spatial Planning in the Village Development management process; so that they are expected to be actively involved in the village spatial planning process; which considers aspects of existing use, existing space requirements, village development plans, sustainable and environmentally friendly uses, and is in line with spatial planning documents at the top level (RTRW, RZWP3K, etc.). In addition, by understanding spatial planning, they can provide a commitment to support and agree on a village spatial plan in their village.

This activity is carried out face-to-face (offline) with strict health protocols and is held in each village office. The facilitators from outside the YKAN team who supported this activity were

Muhammad Hilmi (Coastal Conservation and Rehabilitation Analyst from BKKPN Kupang), Donny M. Bessie (Vice Dean of the Faculty of Fisheries and Marine Sciences, Artha Wacana Christian University Kupang), Lumban Nauli Lumban Toruan (Lecturer at the Water Resources Management Study Program, Faculty of Marine Affairs and Fisheries, Nusa Cendana University Kupang) and Rusydi (Lector at Fisheries Agribusiness Study Program, Faculty of Fisheries, University of Muhammadiyah Kupang).

The public consultation method used is to divide this activity into 4 main agendas, namely:

1. Presentation session on mapping results and draft of village spatial planning
2. Discussion sessions based on the areas discussed (Participants are divided into fields)
3. Presentation session on the results of each discussion area
4. Conclusion session, and recommendations for public consultation



INITIAL SURVEY BETWEEN YKAN – BKKPN KUPANG ON THE IMPACT OF TROPICAL CYCLONE ‘ SEROJA ’ DAMAGE TO THE CORAL REEFS IN THE SAVU SEA MPA, EAST NUSA TENGGARA

The purpose of this survey is to quickly monitor the condition of coral reefs after the disaster including identifying damage (severity and area coverage) and changes in the distribution of coral reefs from baseline data which are owned in East Nusa Tenggara Province.

The survey method uses:

- Drone Mapping: Monitoring coral reef damage with a wider scope spatially
- Belt Transect: Quick Survey on coral reef edges and coral reef flats which aims to obtain information on coral damage and lifeforms

This survey was conducted at 19 coral reef sites in Kupang Bay and in Rote Ndao Regency.

Impact Categorization:

- No Impact : Branched coral reefs, massive and foliose coral reefs are not fractured, except for natural damage
- Moderate Impact : Branched coral reefs, massive and broken foliose coral reefs and upside down dead and or still alive
- Highly Impacted : Coral reef branching, massive and broken foliose corals and upside down dead

Characteristics of coral reef sites that are highly impactful:

1. There are massive, branching, and scattered foliose corals piled up in the form of a mound with a certain area
2. Massive, branched, and foliose rocks piling up and spreading, parallel to the shoreline with a mound height ranging from 1-3 meters
3. There are no live corals in the Highly Impacted Area at a radius of 1-10 meters from the coral mound.
4. Prominent damage to the Northwest region, North, and Northeast.

7 locations of coral reefs in Kupang Bay and in the surrounding waters:

1. No impact; located in the waters of Kuanheum and Lifuleo



2. Medium Impact; located on the beaches of Alak and Nitneo



3. Highly Impactful; located in Kelapa Lima, behind Pasir Panjang, and on Namosain beach

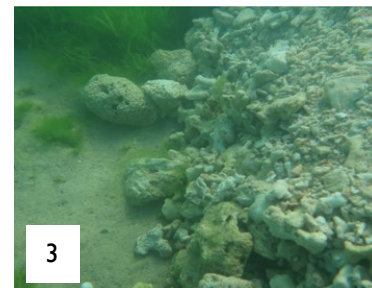
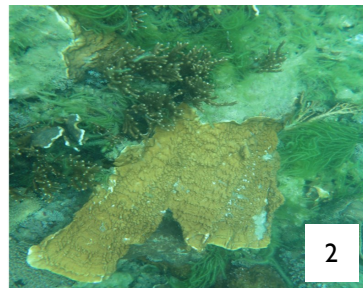
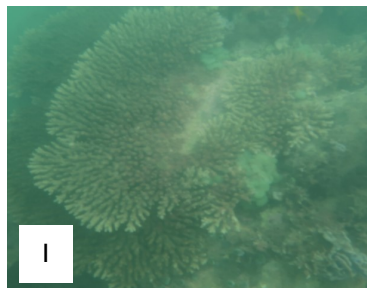


12 coral reef sites in Rote Ndao impacted by tropical cyclone Seroja:

1. No impact, located on the beaches of Sedeoen, Mbueain, Nuse Island, Faifua, Papela, and Tesabela
2. Medium Impact located in Maubesi, Sotimori and Siomeda
3. Highly Impactful located in Tolama Beach, Dengka and Tua Natuk

Follow Up Work Plan

1. Data processing; and aerial photo processing; the results of the initial survey;
2. Analysis of survey and mapping data
3. Making a joint press release, BKKPN Kupang and YKAN for the results of the initial survey
4. More detailed studies at deeper locations; to see the impact of tropical cyclone Seroja; to coral reef ecosystems; in the waters of Kupang Bay and its surroundings; and in the waters of Rote Ndao Regency.



EMERGENCY RESPONSE UNIT

On April 5, 2021, East Nusa Tenggara Province was hit by a tropical cyclone; named Seroja who destroyed almost all areas in NTT Province. The total number of people who died was 181 people. Much damage to infrastructure occurred; including electricity poles and telephone poles many fell.



Likewise, the losses experienced by the seaweed farmers were that their seaweed cultivation gardens were damaged and their houses were also damaged. Knowing from various media about the condition in NTT Province which is quite severe; Tahija donors through YKAN; provide emergency response assistance support; to all YKAN target villages in NTT; with necessary items; such as generators, basic daily needs, women's needs and baby needs; distributed by the YKAN team in all YKAN target villages.

The government in YKAN's target villages as well as the communities and seaweed farmers who received the assistance, felt very grateful for the assistance that reached them so quickly that it helped them with their basic needs and their families before the aid from the government arrived. This condition started to recover one month later; where both the government and the private sector work together; to support repairs of electricity poles and telephone poles so that electricity and telephone access are finally functional again; and the community's economy has also recovered.

CONDITION OF SEAWEED FARMERS AFTER TROPICAL CYCLONE SEROJA



Seaweed farmers were badly damaged when tropical cyclone Seroja hit, more than a month after that; they slowly began to improve their seaweed farming gardens; by using the seaweed seeds they have and makeshift materials so that their livelihoods as seaweed farmers can continue in the midst of the current pandemic. Although their seaweed production tends to be reduced due to limited seaweed seeds; but they were all happy that they had survived the storm; and ready to slowly resume their livelihood as seaweed farmers.

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Site: MERA Implementation Site Writer: MERA Team

MERA PROGRAM ACTIVITIES PROGRESS REPORT IN JAKARTA

IOP Strategy:	Oceans Resilience
Detail location:	Jakarta and Semarang
Funding Source:	MERA
Reporting type:	Activity Report
Partners:	

MERA Jakarta Activities in March 2021

1. RKT 2021 Discussion with BKSDA Jakarta
2. Improvement of facilities and amenities to strengthen SMMA function as center of environmental education for the community
 - Oversee the Development of education/information center and education facilities (management office and mangrove center) as planned
 - Waiting for recommendation regarding construction feasibility from DPU Jakarta
 - Survey location with DPU Jakarta
 - Measurement for the initial contraction
3. SMMA Mangrove Ecosystem Restoration
 - Develop ToR
 - Regular clean up to managed pollutant in SMMA—On 20, March 2021, to celebrate International Women Day and Hari Bhakti Rimbawan ke-38, 120 people participate the clean up action, and has collected 244 bags of trash to be transferred to TPA Bantar Gebang
 - Maintenance of mangrove plants that were planted during the inauguration of the infrastructure
 - Canal Dimension Measurement for Hydrological Repair
 - Drafting Risk Assessment and scoring discussion with BKSDA
4. Development of Education material about biodiversity in SMMA



Building design for environmental education/information center in SMMA



Group Clean Up to celebrate International Women Day and Hari Bhakti Rimbawan ke-38

AMERA Jakarta Activities in April 2021

A. Strengthening the management plans and increasing the capacity of the Stakeholder's Human Resources (HR) in the context of mangrove restoration and development of Muara Angke SM as an Environmental Education Center

1. Delineating the boundaries of SMMA

On April 27th 2021, virtual meeting with BKSDA Jakarta, BPKH Region IX, Directorate of Inauguration, Directorate of PIKA, Legal and Technical Cooperation Section (HKT) of the Directorate General. KSDAE, YKAN was done to identify the follow-up plan to find a solution regarding SMMA Boundaries

To follow up from this meeting, BPKH and BKSDA Jakarta will show their documents on May 3rd 2021 in Jogja and finalize the 2010 boundary reconstruction process.

2. Improvement of facilities and amenities to strengthen SMMA function as center of environmental education for the community

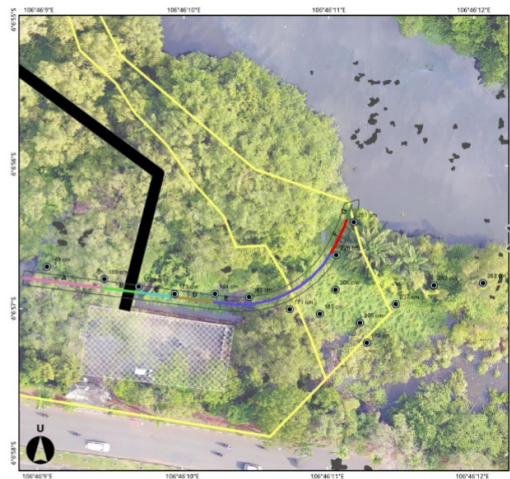
- Construction of Education/Information Center
On April 7th and 14th, 2021, meeting with PU DKI Jakarta about the feasibility of the Education and Information Center, the team selected vendor for construction, CV. Restu Diva Utama (Contractor) & PT. ArsiGranada Muda (Supervising Consultant) and processing the CFS Contract

3. Restoration of Mangrove Ecosystem in SMMA

- Safety Fence Installation on mangrove
The fence was installed for mangroves that were planted on SMMA inauguration ceremony on November 2020, the team also clear out weed and trash around mangrove, the fence will be removed after a certain age until the mangrove no longer vulnerable from disturbance from long-tailed monkey.



Safety Fence Installation to protect mangrove

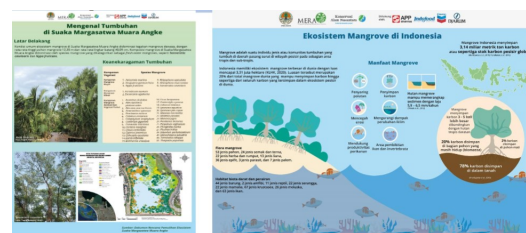


Water Canal Plan Map (Above) and arboretum monitoring activity (Right)



- Water canal planning survey
To facilitate the circulation of water that enters the SMMA area during floods. The survey location of is near the gate and the prospective location is near Mangrove Education Center by collecting data of soil elevation, river tides, existing conditions (water sources that enter, land morphology).
- Monitoring and treatment of Arboretum
- Risk assessment of invasive species in SMMA meeting discussion

4. Raise Awareness about Mangrove Ecosystem Conservation
Develop 2 infographic posters about Vegetation in SMMA and Mangrove Ecosystem in Indonesia



Infographic posters to raise mangrove awareness

MERA PROGRAM ACTIVITIES PROGRESS REPORT IN SEMARANG

IOP Strategy:	Oceans Resilience
Detail location:	Jakarta and Semarang
Funding Source:	Djarum
Reporting type:	Activity Report
Partners:	

- **MERA Activities in March 2021**
- A. Data Scoping, Scientific Studies and Policy Formulation
 1. Finalization of Policy Brief: Coastal Ecosystem as Life Support System for Semarang City
 2. Series Meeting with DLHK and Central Java KKMD for RPE Ratification
 3. Preparation for Piloting RPE Semarang (Silvofishery):
 - coordination with BBPBAP Jepara,
 - discussion of agreements with land-owner,
 - site survey of demonstration plots,
 - signing of conservation agreement with the local community and koperasi
- B. Community Economic Development in Mangunharjo Koperasi
 1. Strengthening Cooperative Institutions: Facilitating the procurement of raw materials and joint production for batik and shrimp cracker groups

Shrimp Cracker

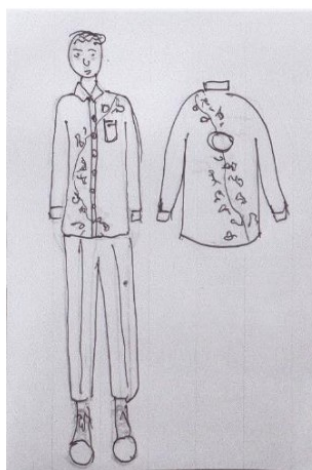
 1. Development of Shrimp Cracker Products:
 - Weekly production;
 - finalized shrimp cracker packaging design

Batik

 1. Business Development of Mangrove Motif Batik Natural dyes
 2. Development of batik motifs and fashion designs (formal, casual)
 3. Monitoring the activity of Batik Waste Treatment
- C. Development of Sustainable Brackish Water Cultivation Demonstration Plot
 1. Land preparation for the second cycle of semi-intensive vaname (whiteleg) shrimp aquaculture demonstration plot
 2. Land preparation for the 2nd cycle of traditional giant tiger prawn aquaculture demonstration plots



Batik waste treatment (left); Shrimp cracker packaging



One of batik motifs design



Persiapan lahan Pokdakan Rejomulyo budidaya udang vaname



Persiapan lahan Pokdakan Kalisantren budidaya udang windu

Sustainable Brackish Water Aquaculture Demonstration Plot land preparation

MERA Semarang Activities in April 2021

A. RPE Implementation

1. Series Meeting with DLHK and Central Java KKMD for Ratification of RPE and Finalization of policy brief
2. Preparation for Piloting RPE Semarang (Silvofishery):
 - Review of mangrove planting locations in Semarang City that are not affected by PSN: locations in Mangkang Kulon
 - Survey of mangrove planting locations in Wakak River, Mangkang Kulon
 - Coordination with OPD: Semarang City Fisheries Service and Central Java Province DLHK regarding mangrove planting locations in Semarang City that are not affected by PSN
 - ⇒ There are IDR 10 millions funding available to rehabilitate mangrove in Central Java (Procurement of seeds; infrastructure; and Labor-Intensive Costs).
 - ⇒ The RPE document of Semarang MERA Program has been submitted to the Fisheries Agency to as a recommendation in planning for mangrove rehabilitation on the coast of Semarang City, which will be proposed by the Fisheries Agency to the KKP.
 - Meeting with private sector PT Nasima (one of the land owner of pond location in Mangunharjo) to develop an agreement and permission to use their land as one of the mangrove nursery and planting practice training



Mangrove Plantation Area Land-owners Survey in Kali Wakak, Mangkang Kulon

1. PT KLI
2. PT KLI and H.Bodo
3. H Dimiyati

- ⇒ As a return, PT Nasima agreed to not change the use of land that were used for mangrove planting to other function such as building property but are allowed to use it as a “green” area that useful in generating sustainable income for PT Nasima and surrounding local community.
- #### B. Community Economic Development in Mangunharjo Koperasi
1. Strengthening Cooperative Institutions: Facilitating the procurement of raw materials and joint production for batik group (production, marketing, packaging) and shrimp cracker group (succeed in selling 20kg of shrimp crackers with standardize quality)
 - Shrimp Cracker
 1. Development of Shrimp Cracker Products:
 - Weekly production;
 - Batilk
 1. Development of batik motifs and fashion designs (formal, casual)
 2. Handmade batik motifs training
- #### C. Development of Sustainable Brackish Water Aquaculture Demonstration Plot
1. Stocking preparation for the second cycle of semi-intensive vaname (whiteleg) shrimp aquaculture demonstration plot
 2. Stocking preparation for the 2nd cycle of traditional giant tiger prawn aquaculture demonstration plots
 3. Facilitation to survey the location feasibility and develop technical recommendation to develop brackish water Aquaculture with expert from BBPBAP
 - ⇒ Species recommended:
 - * Kalisantren : Giant tiger prawn and tilapia
 - * Rejo Mulyo: Vaname (whiteleg) shrimp
 - ⇒ Land preparation treatment:
 - * Kalisantren : draining the land, fertilization, water sterilization, and probiotic culture to produce natural fish-feed. This preparation will be carried out up to 3 days before stocking. The plan for fingerling stocking for tiger shrimp and tilapia is on May 6-7, 2021, depending on the availability of shrimp and stocks from BBPBAP Jepara
 - * Rejo Mulyo : draining the land, removing sludge and install the plastic cover on the bottom of the pond. This is intended to prevent the occurrence of ammonia poisoning sourced from the ground and avoid shrimp mortality during cultivation. The plan to install plastic still on hold due activity restrictions by the government.

RECOMMENDATIONS FOR MANGROVE RESTORATION AREAS ON THE COAST OF REMBANG REGENCY



Total area KEE Tiremandan Pasarbanggi	44 ha
Based on regulation	(SK) Gubernur Jawa Tengah Nomor 522.52/32 th. 2019
Management authority	Collaboration forum lead by DLHK
Total area of Mangrove in bad conditon	4,39 ha.

Mangrove Restoration Area

- Total potential restorationa rea is 969,27 ha
- Existing mangrove location are located in Tunggulsari–Tasikharjo; Kabongan Lor – Pasarbanggi; Bonang; Leran; Kebloran

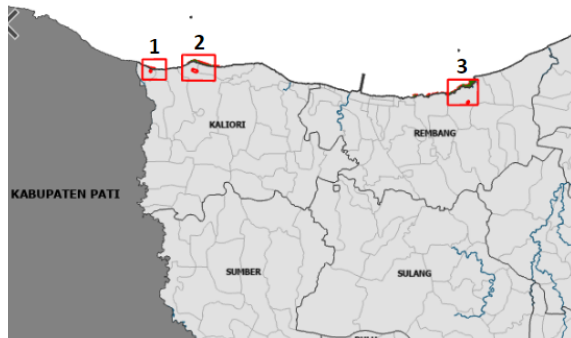
Planting rekomendasi in Rembang Coastal Area

- Avoid conflicts of interest (especially land conversion).
- Suggestion: the status and legality of the area is clear, such as an essential ecosist area (KEE).
- KEE: an area of important ecosystem value outside the conservation area (forest) which ecologically supports the continuity of life through efforts to conserve biodiversity for the welfare of the community.
- Activities covered by KEE protection: area protection, biodiversity preservation, ecosystem restoration, and sustainable use.
- Ecosystem restoration activities: maintaining and protecting ecosystems so that ecosystems can regenerate naturally; planting or enrichment of species (native); maintenance, protection, planting, enrichment of wild flora and fauna species; and release of captive-bred wild animals or relocation of wild animals from other locations.

- A vast expanse of mud (not overgrown with vegetation) is found in the KEE Pasarbanggi.
- Natural regeneration is very possible, however the existence of planting activities will help in accelerating land cover so that it is more stable against disturbances.
- At front (close to the sea) mangroves are already overgrown (seems to be growing naturally)
- Several infrastructure facilities such as boardwalks and gazebos have been built: will be very helpful during maintenance and monitoring of mangrove seedlings that have been planted.

LIST PREVIEW

1. TUNGGULSARI – TAMBAKAGUNG
2. TASIKHARJO
3. PASARBANGGI



Mangrove condition dynamic

In general, sedimentation occurs (with addition to the shoreline) and mangroves naturally grow, but behind the new mangrove area, many locations are converted into ponds.

External Affairs

Writer: Arisetiarso Soemodinoto

EXTERNAL AFFAIRS ACTIVITY HIGHLIGHTS

XA Activities on March 2021

2/3/20201

- Virtual meeting with Marcia Toledo (on BAF issues; 14:00-15:00)
- Webinar on regenerative tourism (21:00 - end) 10/12/2020
- Virtual meeting on PKS between YKAN and DG KSDAE KLHK

3/3/2021

- Virtual meeting with Lukas Rumetna, Awaludinnoer and Nugroho Arif Prabowo to discuss short video for BAF/ADF presentation materials at COPI5 Biodiversity Conference (May 2021 in Kunming, China)

5/3/2021

- Virtual meeting with Marcia Toledo (TNC Germany), Judith Wiegand (BAF) and ADF SE Asia team
- Virtual meeting on “Kalimantan (focal place) science brainstorm” with Eddie Game (10:00 – 11:00)

8/3/2021

- Virtual meeting on preparation for PKS with DJPT (13:30 – 15:00)
- Finalize ToR for ESMS studies, and starts prepare ToR for Grievance Mechanism as required by BAF

9/3/2021

- Signing of PKS between YKAN and DJPT (the whole day)

10/3/2021

- Virtual workshop on “Tips and trick of RPP, RKT and 6-monthly reporting with KLHK DG and units” (13:00 – 15:00)

IOP Strategy:	Various IOP Strategy
Detail location:	
Funding Source:	PI00257—INDO YTNC Integrated Ocean Management
Reporting type:	Activity Report
Partners:	KLHK, KemenKP, Kemenkomarves, UNIPA, Maya Adat Council

- Virtual meeting with MMAF DJ PRL and other NGOs (13:00 – 15:00; parallel with internal workshop on RPP and RKT)

15/3/2021

- Finalize the first bi-annual updates of BAF project (March 2021) and send it out to Judith Weigand (BAF)

17/3/2021

- Virtual meeting on Blue Abadi issues with Marcia Toledo (TNC Germany) (16:00 – 17:00)
- 18/3/2021
- XA monthly meeting
- 23/3/2021
- MoU between YKAN and MMAF has been signed by the Ministry’s Secretary General
- Zoom meeting on coral reef insurance with ADB, MMAF and MoEF (15:00 – 17:00)

26/3/2021

- IOP SCA development zoom meeting (08:00 – 09:00)

30/3/2021

- Asia-Pacific Oceans Team kick-off meeting (09:00 – 10:30)

MANAGE EXTERNAL AFFAIRS' ACTIVITIES WITH MINISTRY OF MARINE AFFAIRS AND FISHERIES (MMAF), MINISTRY OF ENVIRONMENT AND FORESTRY (MOEF), AND PROVINCIAL GOVERNMENTS

IOP Strategy:	Oceans Resilience
Detail location:	Work from Home (Bandung)
Funding Source:	PI00257 – INDO YTNC Integrated Ocean Management
Reporting type:	Activity Report
Partners:	MMAF, MoEF, Provincial governments

Following up Memorandum of Understanding (MoU) between YKAN and MMAF, and YKAN and MoEF's DG of Natural Resource and Ecosystem Conservation (KSDAE) (which was signed in 10 March, and 18 February 2021, respectively), a number of activities were carried out during this month.

For MMAF, the activities include:

- Signing of cooperation agreement (Perjanjian Kerja Sama) between IOP YKAN and DG of Capture Fisheries (DJPT) in 6 April 2021 at Hotel Grand Mercure Setiabudi, Bandung: the signing was carried out by IOP Director and Secretary of DG, Yuliadi, before Minister of MAF, Sakti Wahyu Trenggono.
- Review of cooperation matrix between IOP YKAN and DG of Aquaculture (DJPB) as part of preparation of PKS between IOP YKAN and DJPB.

For MoEF, the activities include:

- Zoom meeting between DG Climate Change Control (PPI) team and YKAN discuss cooperation agreement between its units and IOP and ITP in 6 April 2021.



Photo Credit: Nugroho Arif Prabowo/YKAN

With provincial government, the activities include:

- Zoom meeting on "Initiation of Partnership/ Networking of Derawan Regional MPA" with Office of Coastal and Marine Resources Management (BPSPL) Pontianak and East Kalimantan Province Marine Affairs and Fisheries Service (DKP) in 19 April.
- Review of draft cooperation agreement between IOP YKAN and East Kalimantan Province DKP.

In addition, a monthly meeting on External Affairs' matters was also carried out every third Thursday of the month to update progress and plan for next activities. This meeting was carried out virtually with IOP Director, and XA Manager.

PROVIDE ADDITIONAL SUPPORTS TO RELEVANT ACTIVITIES SUCH AS, BUT NOT LIMITED TO, CONSERVATION PLANNING; MPA MANAGEMENT AND EFFECTIVENESS EVALUATION; PROPOSAL PREPARATION; ETC.

Activities under this theme, include:

- Provide relevant inputs for IOP Shared Conservation Agenda (SCA) by completing forms on community-based fisheries/TURF and MPA/ocean protection, and followed by
- The second zoom meeting on SCA development in 12 April.
- Attend zoom meeting on “Sharing Lessons from TFCA Kalimantan for BAF” in 14 April, and zoom meeting on “Prioritization of mangroves research topic for Focal Place Kalimantan” that culminated with formulation of potential projects for Focal Place and other areas (with special topics on mangroves and coral reefs) in 22 April.

IOP Strategy:	Oceans Protection
Detail location:	Work from Home (Bandung)
Funding Source:	N/A
Reporting type:	Activity Report
Partners:	AKKP Wakatobi

- Support preparation of draft proposal to be submitted to Becht Family Charitable Trust (BFCT) (in collaboration with TNC WO and Asia Pacific team).
- Support identification of potential sites for implementation of Reef Refugia (Super Reefs) project, a global collaborative project involving TNC, Woods Hole Oceanographic Institution (WHOI), and Stanford University.

BLUE ACTION FUND/BAF-SUPPORTED PROJECT IN THE BIRD’S HEAD SEASCAPE, WEST PAPUA

IOP Strategy:	Oceans Resilience
Detail location:	Work from Home (Bandung)
Funding Source:	PI100256 INDO YTNC Coastal and Climate Resilience PI16868 INDO YTNC Ocean CBCRM PI18358 INDO YTNC MPA Network PI20822 INDO YTNC Small Scale Fisheries
Reporting type:	Activity Report
Partners:	Provincial MAF Services University of Papua Maya Tribal Council

Presently, the BAF-supported project is in Inception Phase (i.e., preparation stage that generally deals with the project’s administrative aspects, and ensuring all administrative matters are well managed), up until 30 June 2021. During this month, the activities include:

- Facilitates short-video making by AFD (Agence Francaise du Developpement), one of the major donors of BAF, about the ‘implementation’ of BAF-supported project in BHS, especially in Malaumkarta village. The short-video will be

presented in UN Biodiversity Conference in Kunming, China, 11–24 October 2021. AFD will provide the final version to us by the end of May, but for those interested the draft short-video is available from the author upon request.

- Facilitates recruitment of Grant Officer by preparing the ToR and job description.
- Facilitates hiring of consultant to prepare “BAF project grant management manual and grantees selection mechanism” by seconded the preparation of ToR and job description.
- Facilitates preparation of and obtaining approval for Grant Agreement between YKAN and University of Papua (UNIPA), one of the BAF-supported project consortium members.
- Discusses Due Diligence for Maya Tribal Council financial review (with BHS Portfolio Manager).
- Review of CfS materials of Yayasan Nazaret Papua, the main contractor of BAF-supported project in BHS.

Fisheries

Writer: Fisheries Team

SNAPPER UPDATES

Using art to communicate science

Elle Wibisono, a PhD student from Rhode Island University who works with data from YKAN's innovative data collection system to identify hotspots for spatial management of the Indonesian deep-slope demersal fishery. To ensure the message are received by the public, communication strategy is need to make people understand science in a simpler version, YKAN and Elle work together and created a sci-comm (science communication) using popular media such as drawings and comics. Through this innovative approach, Elle has been given the opportunity to host a capacity building-training session with theme "Using Art to Communicate Science" in the 2021 Virtual Global Science Gathering.

The Global Science Gathering is a space for Nature Conservancy science and conservation staff as well as our partners to build relationships across geographies, projects and focal areas in order to deliver on conservation priorities. This year, the Gathering is going virtual and will take place March 1-31, 2021. Elle's session will be on March 8. The 2021 Global Science Gathering Agenda is organized around five themed weeks featuring a combination of plenary talks, speed talks, working sessions, and capacity building opportunities.

Study of plastic waste and lost gear in snapper-grouper fisheries

YKAN and Poseidon Aquatic Resource kicked off a study on a possible side effect of the deepwater snapper-grouper fishery: The pollution of the world's oceans with plastics. Just like almost any other fishery, the snapper-grouper fishery uses plastic bags for packaging and transporting. Furthermore, loss of gear, which is also made of plastics, during fishing operations is almost unavoidable.

IOP Strategy:	Sustainable Fisheries
Detail location:	
Funding Source:	
Reporting type:	Activity Report
Partners:	

To date, however, the exact number of plastic waste originates from the snapper - grouper fishery is still unknown. This study will shed a light on this question.

The YKAN - Poseidon team developed an interview form, and YKAN's technicians will reach out to its network of CODRS fishers to ask questions on use of plastics and loss of gear. The interview form is divided into two: (1) to investigate the use of plastic and plastic-based fishing gear by fishermen, (2) to investigate and mapping the use of plastic in the fisheries supply chain, including buyers, processing companies, to the form of the final product being marketed.

The plastic waste study is planned to be carried out in 4 fishing ports, each of which represents the size of the dominant vessels operating and anchored at the port: Lamongan for small-scale vessels, Kupang (small and medium scale), and Probolinggo and Dobo (small and large scale). Interview trials will be conducted at the end of March-April, then followed with interview result review in April and the interview results analysis conducted in May. The mid-term report for this study will be available in early June 2021.

This study of plastic waste and lost gears is one of YKAN's efforts to ensure that deep sea snapper and grouper fisheries in Indonesia meet the Marine Stewardship Council principle 2 standard: minimal environmental impact. This activity is also in line with the Action Plan for 2021-2025 prepared by Directorate of Fish Resources (Directorate of Fisheries Resources Management, Directorate General of Capture Fisheries) for snapper-grouper fisheries.

YKAN signed a cooperation agreement with the secretary general of MMAF and follow up with upcoming signing with Directorate General of Capture Fisheries.

On March 10, 2021, YKAN has signed a cooperation agreement with the secretary general of the Ministry of Marine Affairs and Fisheries. This agreement aims to support the government in efforts to manage marine and fisheries resources. This includes support for the management of marine protected areas and coastal areas and small islands, sustainable capture fisheries management, responsible aquaculture management, the development of a traceability system and quality assurance of fishery products, studies of coastal and marine resources and increasing the capacity of marine and fisheries human resources.

This agreement is valid for a period of 5 years from the signing of this MoU and can be extended according to the agreement. Both parties agree and are responsible for implementing all matters relating to the objectives of this MoU in accordance with the agreed scope and direction of the work program, and with accordance with the government laws and regulations.

To strengthen the involvement of the government in the program, YKAN also will sign MoU with the Directorate General of Capture Fisheries to support the Indonesian sustainable fisheries, especially snapper and grouper. The signing ceremony will be held on April 8, 2021. This event is part of technical work meetings for the directorate general of capture fisheries which will be held in Bandung April 7-10, 2021.

Public Service Announcement on National fishermen's Day

Celebrating the National Fishermen's Day on April 6, YKAN posted a public service announcement to participate in the welfare of Indonesian fishermen by engaging people to consume large snapper and grouper fish that have at least spawned once in their lifetime. This announcement was conveyed by Vania Fitryanti Herlambang, Putri Indonesia for the environment 2018, who was appointed as YKAN's ambassador on fisheries issues.

This appeal was posted on YKAN's social media and Vania's social media. It is hoped that this appeal will be accepted by the wider community to participate in maintaining the sustainability of fish stocks, especially snapper and grouper fish in Indonesia.

According to the KKP, apart from being a contributor to the country's commodity, snapper and grouper fisheries are also important because 90% of the business is carried out by small fishermen throughout Indonesia. As is well known, the market demand for grouper snapper is increasing, especially for plate-sized fish, which are mostly juveniles and which have not yet contributed to reproduction. This has resulted in declines in the stocks of snappers and groupers in the wild. (Acting Director General of Capture Fisheries, Muhammad Zaini, in the Public Consultation of RPP Sidat, Snapper, and Grouper).

The post can be view in here:

<https://www.instagram.com/p/CNUS7bcpe4k/?igshid=ywpk790d02lg>

Management scenario evaluation model for WPP 713 and 718.

SNAPPER has been working with a group of researchers from Ocean Conservancy, Oxford University, and Arizona State University to make a management scenario evaluation model of the snapper fisheries in WPP 713 and WPP 718. These models are based on the data that fishers collected on their fishing practices and catch composition.

First results show that managing just part of the fleet (for example, the large longliners or medium-scale dropliners) has minimal effect over the long term, because any gains in terms of stock recovery are quickly absorbed by expansion in other, non-managed parts of the fleet.

The group is now preparing technical reports that describe the effects of various management interventions on the fish population and the fishery. YKAN will share these findings with the Ministry of Marine Affairs and Fisheries.

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