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Quarterly Bulletin

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November 5th, 2021

East Java Province has Formally Established an Action Plan for 2021-2022 and Harvest Control Rule for Blue Swimming Crab

Representative of the Head of East Java Marine and Fisheries Bureau Evy Afianasari, ST, MA
support the action plans that have been prepared and agreed

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FOTO : NYOMAN-LAMPUNG

About APRI

APRI and all members are campaigning sustainability crab harvest to the supply chain for effective impact, increasing crab recruitment through stock enhancement, collaborating with Universities to support scientific research, supporting Ministry of Marine Affairs and Fisheries to develop national Fishery Management Plan and working closely with Fishers community to establish community based fishery management. All project activities are managed in a Fishery Improvement Project (FIP), which determined as 6 FIP stages. Fishery Improvement Project will create sustainable impact to the supply chain, blue swimming crab resources and also to the critical habitats of the blue swimming crab.

APRI Members :



APRI Board doing Audience to the Marine and Fisheries Departemen of East Java (DKP-JATIM)

Friday, October 8, the APRI board conducted an Audience activity to the DKP East Java. This hearing activity is a form of government synergy with APRI. Collaborative efforts in measuring the small size and collecting data and the feasibility of miniplants through GMP for the advancement of crab fisheries in the East Java region. This visit was welcomed by the Head of the East Java DKP Capture Division Mr. Miftahol Arifin and the Head of the SDI Division Mr. Jadmika Sufiadi, followed by an audience with the Head of the East Java DKP Office Mrs. Dyah Wahyu Ermawati.

Installation of VTS (Vessel Tracking System) "TREKFish" to Mapping Potential Area for Blue Swimming Crab

October 7-10 2021, the installation of VTS "TREKFish" with PANRITA has been carried out in Pamekasan, Pangkep and Rembang. This installation activity aims to fulfill data collection related to restocking system development. Fishermen with boats equipped with VTS will be able to know where fishermen catch crabs. The installation of this VTS was carried out by PANRITA as the technology maker of this tool.

This VTS has also upgraded to the latest modification to make it easier for fishermen and users in tracking applications, APRI has provided 15 "TREKFish" VTS devices in each area. Suparman, one of the fishermen using VTS, also revealed that the existence of this technology and the presence of APRI were enough to help small crab fishermen.



Foto : Dokumentasi APRI



Hybrid APRI Quarterly Meeting Q3 in Surabaya

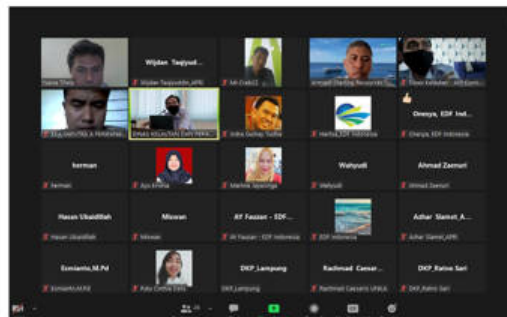
October 9, 2021

APRI Quarterly Meeting Q3 with Hybrid after almost 2 years of the APRI quarterly meeting being conducted offline, finally in the third quarter on October 9, 2021, this meeting was held online in Surabaya. This activity was attended by 17 members of APRI both online and offline and the NFI Crab Council did not forget the presence of an observer by PT. JCI Kendari.



APRI's Participation in the Preparation of the Crab Harvest Control Rule (HCR) in FMA 712.

20-22 October 2021. As a form of implementation of the Harvest Strategy activities, a national coordination meeting for the preparation of the Harvest Control Rule (HCR) has been held, Dr. Hawis Madduppa as the executive director of APRI has explained the draft proposal on HCR. The activity lasted for two days online and offline.



Pokja 2 meeting (Sustainable Blue Swimming Crab Management Committee) KPPRB Lampung

October 26, 2021, the purpose of carrying out this activity is to update the biological data on the crab fishery that has been carried out during 2020, update the data on the crab fishery sector that has been carried out during 2020, accommodate and agree on inputs related to crab fishery data to be submitted at the Lampung KPPRB meeting.



Fishing Gear Swap from Marine and Fisheries Department of Pamekasan to KUB Capit Biru

November 4, 2021. The Head of the Pamekasan Marine and Fisheries Department and the Head of the Fishing Gear Division along with their staff distributed assistance for folding fishing gear which is a fishing gear swap (Fishing Gear Swap). Previously, blue claw fishermen used box traps, the role of APRI CO-Management was also to help with the use of folding traps for fishermen.



East Java Province has Formally Established an Action Plan for 2021-2022 and Harvest Control Rule for Blue Swimming Crab

Friday, November 5, the East Java province crab fishery management meeting was held online and offline. Through the Representative of the Head of the East Java DKP Office, Mrs. Evy Afianasari, ST, MA (Secretary of the East Java DKP) supported the action plan that had been drawn up and agreed upon. On this occasion Dr. Hawis Madduppa as the Executive Director of APRI has explained the rules for controlling the use of crabs. At this meeting, it was agreed that the main points in the action plan and the rules for controlling the utilization of crabs from the East Java Province were agreed.



Foto : Dokumentasi APRI



Foto : Dokumentasi APRI

National Action Plan for the National Development Goals (RAN TPB/SDGs)

November 11th. The Ministry of National Development Planning/Bappenas has held a meeting to finalize the preparation of the NAP TPB/SDGs actions for 2020-2024. On this occasion, APRI has provided inputs related to Matrix Goal 14 (Life Below Water).



Foto : Dokumentasi APRI

APRI Enumerator and CO- Management Refreshment

Semarang, 12-14 November 2021. The opening ceremony was conducted by the Executive Director of APRI, Dr. Hawis Maddupa as a "refreshment" activity for APRI enumerators as well as for upgrading the capacity of APRI enumerators in collecting crab data.

Mr. Syahril Abd Raup, S.T, M.Si as a representative from PSDI - KKP explained the KKP E-Logbook for catches to APRI enumerators which would later be integrated with APRI landing report data.

National Fishery Improvement Project Coordination Meeting

November 9, 2021. It has been held online and offline in Jakarta. At the coordination meeting of the national fisheries improvement program carried out by the Directorate General of Marine Affairs and Fisheries, APRI had the opportunity to explain the development of the crab fishery improvement project (FIP).

APRI Ready to Integrate KKP E-Logbook with APRI Landing Report Data

23 November 2021, APRI Enumerators participated in a training activity on the application and data collection of the KKP e-LogBook in Demak Regency, APRI Enumerators seemed to be simulating, activating and using the e-LogBook application

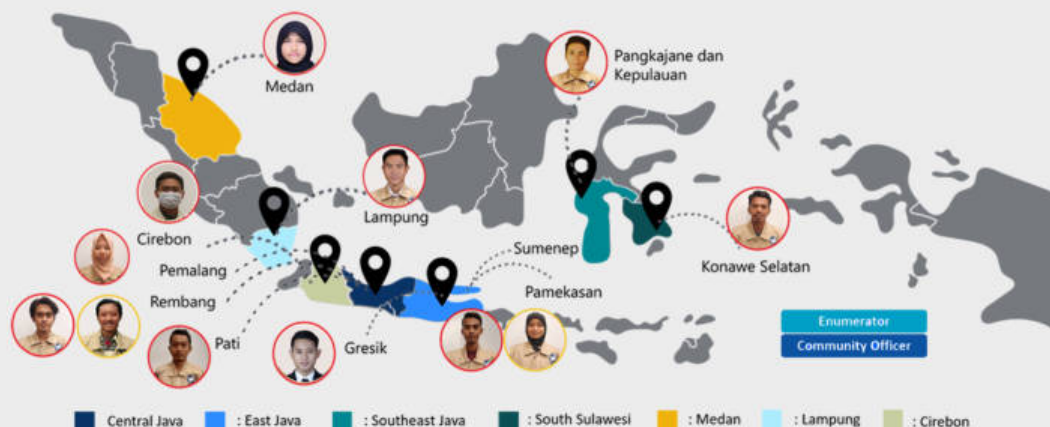


Foto : Dokumentasi APRI



STOCK ASSESSMENT

Spatial Distribution of Blue Swimming Crab Sampling



Presentase MLS and EBF

Total Crab Sample = 148.184

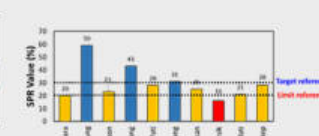
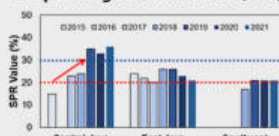
A. MLS (Minimum Legal Size)



B. EBF (Egg Berried Female)



C. Spawning Potential Ratio (SPR)



- Small crabs (<10 cm) were caught slightly (<10%), except in Gresik and Pamandati.

- The percentage of outdoor crab laying eggs that are caught still tend to be high >10%

- The SPR value of the crabs at the data collection location has reached the limit reference point (SPR20%) and the target reference point (SPR30%), except in Gresik and Pamandati.

*Ayu Ervinia APRI Data Analyst Januari - November 2021

The presentation of stock studies in the WPPNRI area by Prof. Indra Jaya as the Head of KOMNASKAJISKAN where WPP 712 has a healthy stock condition (Green). Dr. Ir. Zairion, M.Sc participated in providing knowledge related to the bioecological characteristics of crabs to refresh the APRI enumerator training At the end of the event, closed with the presentation of Dr. Ayu Ervinia as APRI data analyst on analysis of crab life history data.



FISHERY IMPROVEMENT PROJECT (FIP)

The organization APRI - whose members include over 30 seafood industry businesses and processors - covers more than 85% of purchased crab in Indonesia. All members involved are working to promote not only sustainable crab harvest, but a sustainable supply chain as well. The FIP aims to support scientific research through collaborations with universities, to develop a national Fishery Management plan through a partnership with the Ministry of Marine Affairs and Fisheries, and to establish community based fishery management by working with local fishing communities. The FIP is meant to have a lasting impact on the sustainability of the fishery's supply chain, on blue swimming crab resources, and also on the ecosystem where the species is harvested.

FIP Objective(s)

- Work plan and transition Indonesia Blue Swimming Crab Fisheries to MSC full assessment within the prescribed 3-years
- Change practices (no take of small crabs/juveniles, no take of eggbearing females), increase the stocks, develop policies that protect and sustain crabs (including protection of nursery ground, spawning area) by end of December 2022
- Develop a management plan for Indonesian blue swimming crab that includes community resources management that protects nursery ground; produce a control document by end of December 2018
- Implement FIP workplan that includes development of the management plan, community-based management, communication and awareness, nursery and spawning grounds protection projects, as well as a hatchery project by end of December 2018

Indonesia FIP Status Report

The FIP currently at **SFP Stage 5 : Improvements on the Water** – and Progress Rating got **A (Advanced Progress)**

The blue swimming crab fisheries has been assessed in 2015 using the MSC's Fishery Assessment Methodology (V2.0). **Current score SG<72** MSC's standard for sustainable blue swimming crab fisheries

The blue swimming crab fisheries has been assessed using the Monterey Bay Aquarium's Seafood Watch Criteria of capture Fisheries (v2.0)

FIP AT A GLANCE

ENVIRONMENTAL Addressing 28 of 28 indicators

Current Status:

68%

32%

Starting Evaluation: January 01, 2012

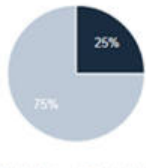
86%

14%

Progress Rating

A
ADVANCED
PROGRESS

Actions Complete



Next Update Due

MAR 2022

Target End Date

DEC 2022

Additional Impacts:

TRACEABILITY | IUU | ECOSYSTEM | ROUNDTABLE | OTHER



P1. Sustainable Fish Stock

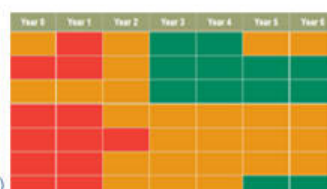
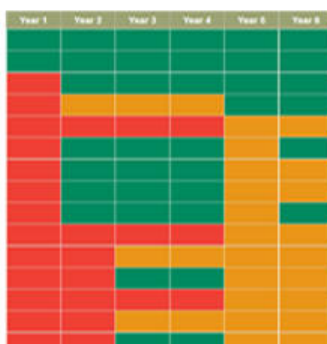
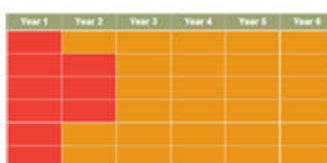
- Stock status outcome (1.1.1)
- Stock rebuilding outcome (1.1.2)
- Harvest strategy (1.2.1)
- Harvest control rules & tools (1.2.2)
- Harvest strategy information & monitoring (1.2.3)
- Assessment of stock status (1.2.4)

P2. Minimizing Environmental

- Primary species outcome (2.1.1)
- Primary species management (2.1.2)
- Primary species information (2.1.3)
- Secondary species outcome (2.2.1)
- Secondary species management (2.2.2)
- Secondary species information (2.2.3)
- ETP species outcome (2.3.1)
- ETP species management (2.3.2)
- ETP species information (2.3.3)
- Habitat outcome (2.4.1)
- Habitat management (2.4.2)
- Habitat information (2.4.3)
- Ecosystem outcome (2.5.1)
- Ecosystem management (2.5.2)
- Ecosystem information (2.5.3)

P3. Effective Management

- Legal/customary framework (3.1.1)
- Consultation, roles & responsibilities (3.1.2)
- Governance/policy long-term objectives (3.1.3)
- Fishery-specific objectives (3.2.1)
- Decision-making processes (3.2.2)
- Compliance & enforcement (3.2.3)
- Monitoring & management performance evaluation (3.2.4)



More Info about FIP
Please scan this or visit :

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PROGRESS.ORG**

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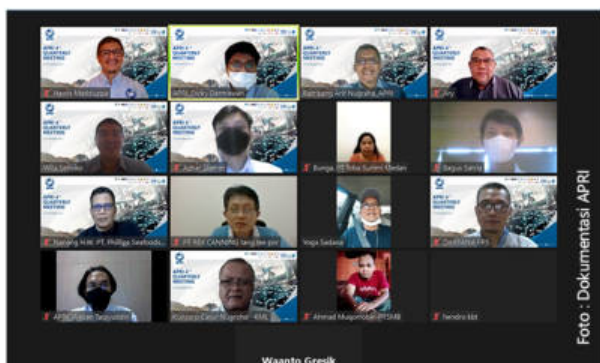
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Management Action Plan Team Meeting Sustainable Crab Fisheries in West Java Province

December 7-8 2021, the activity carried out by the Department of Marine Affairs and Fisheries of West Java Province in Bandung City aims to finalize the Draft Action Plan for Sustainable Management of Crayfish Fisheries in West Java Province.

APRI was also present at the activity as a team for drafting an action plan for sustainable fisheries management through the Decree of the Governor of West Java number 523.05/Kep.751-Rek/2020.



5000 Folding Bubu handed over to KUB Samudra Jaya Empat and KUB Samudra Jaya Lima

December 9, 2021, the assistance for environmentally friendly fishing gear from DKP Central Java, which was facilitated through DKP Rembang, is very beneficial for fishermen to improve the prosperity of fishermen. In addition to environmentally friendly fishing gear that is good for natural habitats, folding traps are also very practical and easy to carry by fishermen so that they can increase catches.

KUB Samudra Jaya Empat and KUB Samudra Jaya Lima are fishing groups from Ds. Gedongmulyo, who is a fisherman assisted by APRI, has also implemented the #GTK5Minit practice to continue to maintain the sustainability of the crab fishery stock. This activity was attended by Central Java DKP, Rembang DKP, Fisheries Extension, APRI Co-management and fishermen



Coordination Meeting Regarding Fishing Equipment Selectivity Crab Fishery with BBPI Semarang

On December 18, 2021, a coordination meeting was held online and offline with Ir. Zarochman M.Pi (BBPI Semarang). This activity will be opened through the Executive Director of APRI Dr. Hawis Madduppa related to APRI's action plan and the purpose of this activity.

This activity will later become a pilot program related to the use of fishing gear with a mesh size or gill nets that are larger about 4.5 inches for fishermen.

APRI End Year Quarterly Meeting (Q4) Our Challenges of the Coming Year

APRI Q4 End-Year Meeting, On December 19, 2021, this is a routine quarterly activity which was attended by all APRI members, staff, APRI Enumerators, and 2 observers from PT. Jala Crab International and PT. Java Kayana Segara. This activity is a year-end meeting as well as to welcome the challenges in 2022 which are only days away. This activity was quite interesting with the topic of discussing the latest issues in crab fisheries as well as updating the development of the FIP (Fishery Improvement Project) and programs for activities in the coming year. In addition, the target in making the crab fishery ecolabel certified is also continuously updated with APRI members.

Milestone APRI Patnrs 2014-2021





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