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Quarterly Bulletin

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BBPBAP Jepara - APRI - APS Collaboration : BSC Cultivation Technology Development

The crab commodity which is famous for its cannibalism is an attraction in innovations under development to support sustainable crab stock



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Photo : FARIAN - PAMEKASAN

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 ecosystem where the blue swimming crab harvested.

APRI Members



PDSPKP-KKP and DKP East Java Coordination Meeting Regarding the Condition of the Crab

Friday, 1 July 2022. The Directorate General of Strengthening the Competitiveness of Marine and Fishery Products held a coordination meeting with business actors who are members of APRI and all Maritime Services in the East Java Region. Located in the East Java DKP Building, Surabaya. Mr Ir. Kuncoro Catur Nugroho M.M as Chair of APRI explained about the conditions, expectations and challenges of blue swimming crab in global competition. The results of this discussion also produce long-term and short-term solutions in an effort to strengthen the competitiveness of blue crab fishery products.

APRI 2nd Quarterly Meeting : Crab Glasses by Academia, Business, Government, Community and Media

Saturday, July 16 2022. APRI has carried out routine activities every quarter of the year. This activity was carried out at VASA Hotel Surabaya online and offline. The activity was attended by speakers by Prof. Sri Redjeki from UNDIP explained about crab research. The Chairperson of APRI conveyed the condition of the blue swimming crab fishery and various perspectives from academia, business, government, community and even the media in carrying out sustainable fisheries management.





BSC Data Management Committee (DMC) in East Java Province

Surabaya, 29 July 2022

Saturday, July 29 2022. East Java is a province that has the potential for marine fisheries both from aquaculture and capture fisheries, one of which is blue swimming crab. One of APRI's focuses in the Fishery Improvement Project (FIP) program is to support the crab stock assessment and improvement program (stock assessment).

Through the Meeting of the Committee for Data Management of the Blue Snail Fish in East Java Province as a means of collecting, improving, standardizing, and communicating related to crab fisheries data in East Java Province. The importance of data collection as a tool for fisheries management is quite important.

This activity was carried out at the Nautica Building, Maritime Affairs and Fisheries Office of the Province. East Java online and offline. This meeting was attended by representatives from East Java DKP, City/District DKP Representatives in East Java, Fisheries Industry Players, Academics, and APRI Enumerators

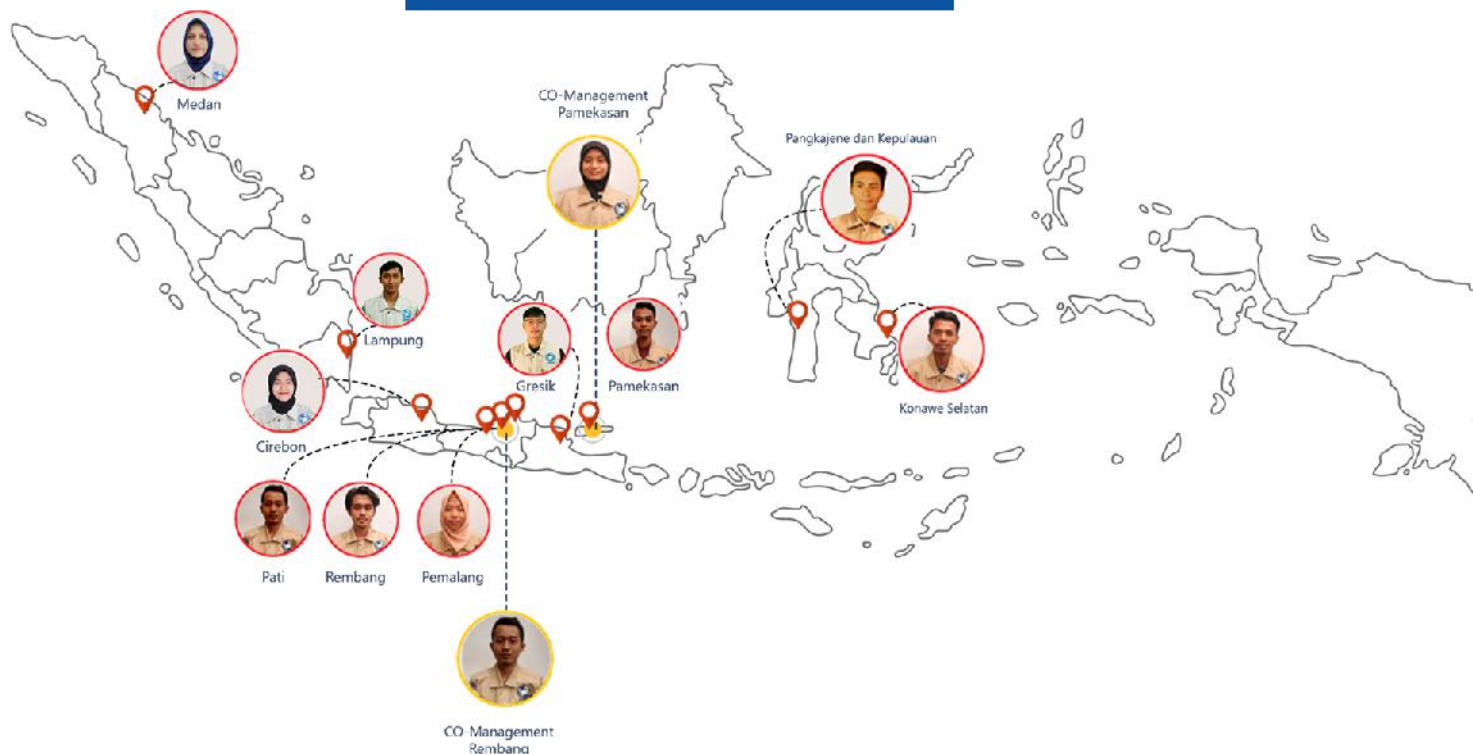


APRI's with KP Sidoarjo Polytechnic (POLITEKPEL KP) for Development of Blue Swimming Crab Fishery Innovation

Thursday, 11 August 2022. APRI has visited the Maritime Affairs and Fisheries Polytechnic (POLITEKNI KP) Sidoarjo to follow up on a collaborative program with academics to support efforts to develop and sustain the crab fishery.

Mr Ir. Kuncoro Catur Nugroho M.M has given an explanation regarding the objectives and planned activities of the visit in front of the Board of Directors of the KP Sidoarjo Polytechnic and the entire team.

LOCATION OF DATA COLLECTION



Evaluation Meeting and Renewal of Governor's Decree No. 523/93 of 2017 Central Java Province

Tuesday, August 23 2022. APRI also attended an activity that was carried out online at the Central Java Maritime Affairs and Fisheries Service, this activity discussed conditions and challenges to the management of the crab fishery.



APRI Attends Nelangsa Forkom National Coordination Meeting in Semarang

25-26 August 2022. APRI attended this activity directly in Semarang. This activity discussed several topics related to crab fisheries, especially in Central Java.



Webinar "Strengthening Blue Brown Trade at Indonesia"

Tuesday, August 30 2022. The activity which was carried out by the Faculty of Fisheries and Marine Sciences, Diponegoro University presented several speakers, namely Mrs. Ir. Artati Widiarti, M.A, Dr. Ir. Zairion, M.Sc, Ir. Kuncoro Catur Nugroho M.M, Prof. dr. Indah Susilowati, M.Sc., Ph.D, and Wita Setioko, STP., M.M.



Discussion APRI with BRIN about BSC innovation in Semarang

Wednesday, 31 August 2022. APRI carried out a joint discussion with Mr. Ir. Zarochman M.Pi from BRIN accompanied by Mr. Ir. Suparman in a discussion regarding innovation and technological updates for the sustainability of crab fisheries in Indonesia.

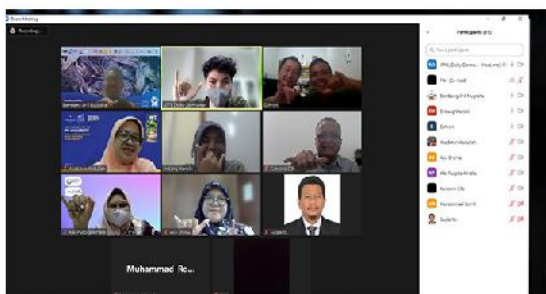


BBPBAP Jepara Collaboration - APRI - APS in Innovation Crab Development

Saturday, September 24, 2022, continued with a joint discussion regarding the development of innovation and technology for sustainable crab fisheries with the Poltekpel KP Sidoarjo

This activity was well received by Mr. Eddy Nurcahyono, S.Pi and Mr. Agus Setiadi, SH. In this technical discussion there are important points to support the sustainability of blue swimming crab with pentahelic collaboration involving academics and the government

Tuesday, October 4 2022. APRI accompanied by representatives of the Sidoarjo KP Polytechnic visited BBPBAP Jepara. related to technical discussions for the Indonesian crab fishery improvement program



Discussion About Utilization and Innovation Crab shell waste

The discussion regarding the utilization and innovation of crab shell waste with IPB, APRI, and CV Biochitosan discussed the benefits of crab shell waste that could be developed.



BKPM : Roadmap Fisheries Sector Strategic Investment

September 2, 2022, APRI also attended the regional coordination meeting organized by the Ministry of Investment and Investment (BKPM) which was held in Surabaya.



Collaboration : BRIN and APRI Fleet Development Crab & Handling in On Small Vessel

September 13, 2022, This activity is the first step regarding a program for the development of crab fleets in Central Java with handling on board, Mr. Zarrochaman and Mr. Suparman from BRIN conveyed regarding commitment and design

development of blue swimming crab fleet for sustainable crab fisheries.

Mr Ir. Bambang Arif Nugraha also gave an overview of the blue swimming crab fishery from upstream to downstream. This activity was carried out online and offline and was attended by BRIN, APRI, APRI Members, DKP Rembang, Fishermen and NGOs.



FISHERY IMPROVEMENT PROJECT (FIP)

APRI - yang anggotanya mencakup lebih dari 30 industri pengolahan makanan laut - mencakup lebih dari 85% pemrosesan rajungan di Indonesia. Semua anggota yang terlibat bekerja untuk tidak hanya mempromosikan penangkapan rajungan yang berkelanjutan, namun juga rantai pasokan yang berkelanjutan. FIP bertujuan untuk mendukung penelitian ilmiah melalui kolaborasi dengan perguruan tinggi, untuk mengembangkan rencana Pengelolaan Perikanan nasional melalui kemitraan dengan Kementerian Kelautan dan Perikanan, dan membangun pengelolaan perikanan berbasis masyarakat dengan bekerja bersama masyarakat nelayan setempat. FIP dimaksudkan untuk memiliki dampak jangka panjang terhadap keberlanjutan rantai pasokan perikanan, sumber daya rajungan, dan juga ekosistem tempat spesies tersebut ditangkap.

ENVIRONMENTAL Addressing 28 of 28 indicators

Current Status:



Starting Evaluation: January 01, 2012

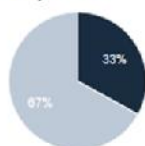


Progress Rating

A

ADVANCED
PROGRESS

Actions Complete



● Complete ● Incomplete

Next Update Due

SEP 2022

Target End Date

DEC 2022



FIP Objective(s)

1. Implement FIP workplan and transition Indonesia Blue Swimming Crab Fisheries to MSC full assessment by end of December 2024.
2. Change practices (no take of small crabs/juveniles, no take of egg-bearing females), increase the stocks, develop policies that protect and sustain crabs (including protection of nursery ground, spawning area) by end of December 2024.
3. Develop a community based management plan for Indonesian blue swimming crab that includes community resources management that protects nursery ground, communication and awareness, produce an established control document and traceability system by end of December 2024

FIP at Glance

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

FIP AT GLANCE

SOCIAL Addressing - of 21 indicators

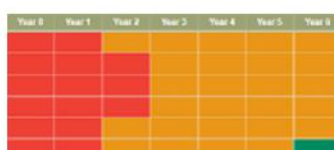
Risk Assessment (R) :

Last Assessment (R) :

Workplan Components (R) :

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)



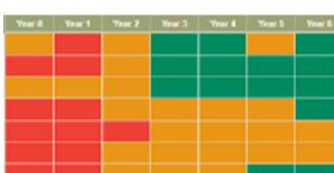
P2. Minimizing Environmental

- 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)
- FIP 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)

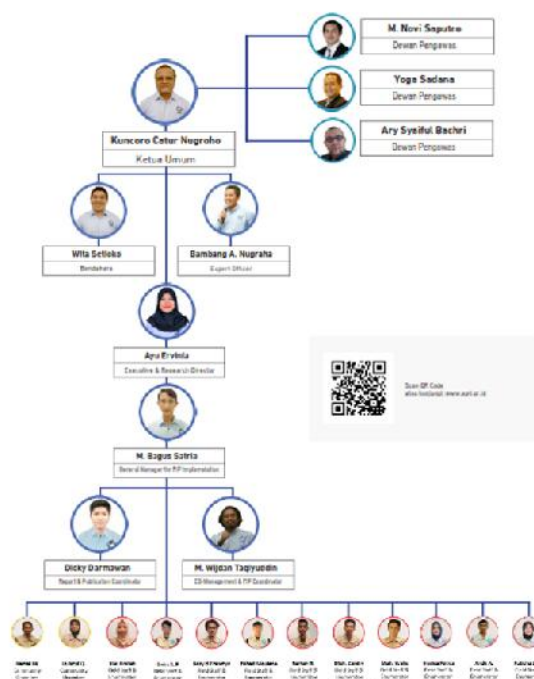


P3. Effective Management

- 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 (3.2.4)



APRI BOARD





15 Papers Published in International Seminar (ISOSS - IPB 2022)

APRI actively participates in national seminar activities organized by the Department of Marine Science and Technology, IPB University. A total of 15 papers have been registered and presented by APRI at the event.



FGD : Industrial Aspects with Actors Enterprises and Associations

Friday, August 19 2022. APRI participated in activities carried out by the BKPM Ministry regarding the preparation of a strategic investment downstream roadmap.



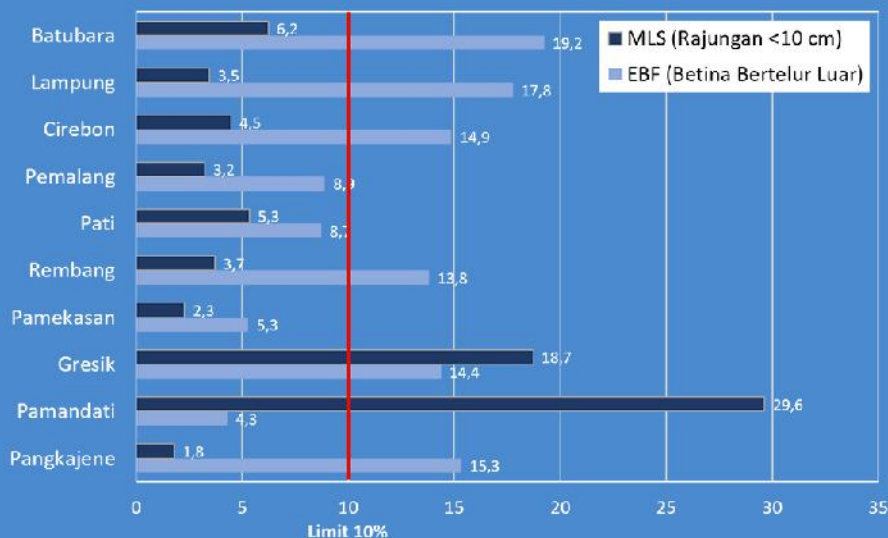
Meeting of Fisheries Management In Fishery Management Area 714

18-20 August 2022. APRI through Mr. Ir. Bambang Arif Nugraha via online and Muh. Wellis attended in person. One of the agendas of this meeting was to take inventory of the problems and work plans of LPP WPPNRI 714 in an effort to support the implementation of Measured Fishing.

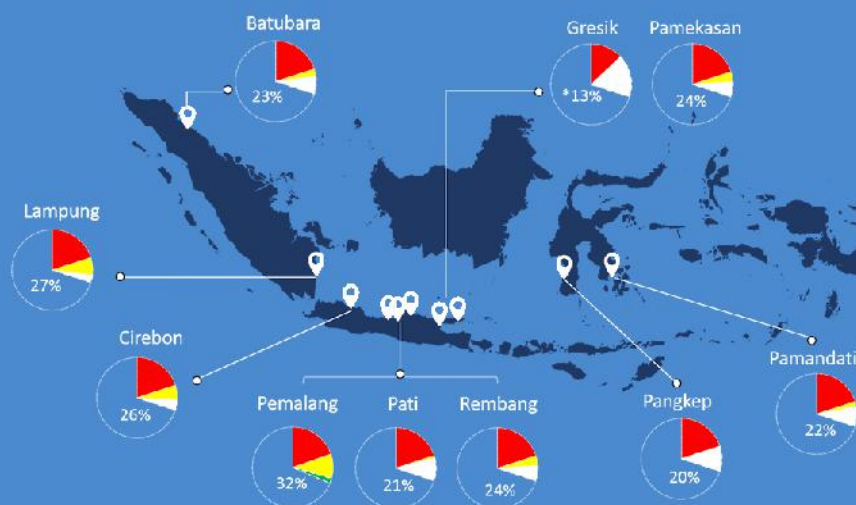


STOCK ASSESSMENT

A. Minimum legal size and Egg Barrier Female percentage



B. Spawning Potential Ratio (SPR)



*Remarks: SPR in Gresik is less than 20%

Conclusion :

- Most of the small crab areas are not caught except in Gresik and Pamandati areas
- Pemalang, Pati and Pamekasan areas have low EBF percentages
- Most of the SPR values for swimming crabs in Indonesia are above the reference point for SPR20% recruitment rate, except Gresik
- The Pemalang area has reached the SPR reference point target of 30%.
- The status of blue swimming crab stocks in Indonesia has improved over the period 2015-2021.

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