

#APRIGoesToSociety

# FIELD STORY

## FROM APRI ENUMERATORS

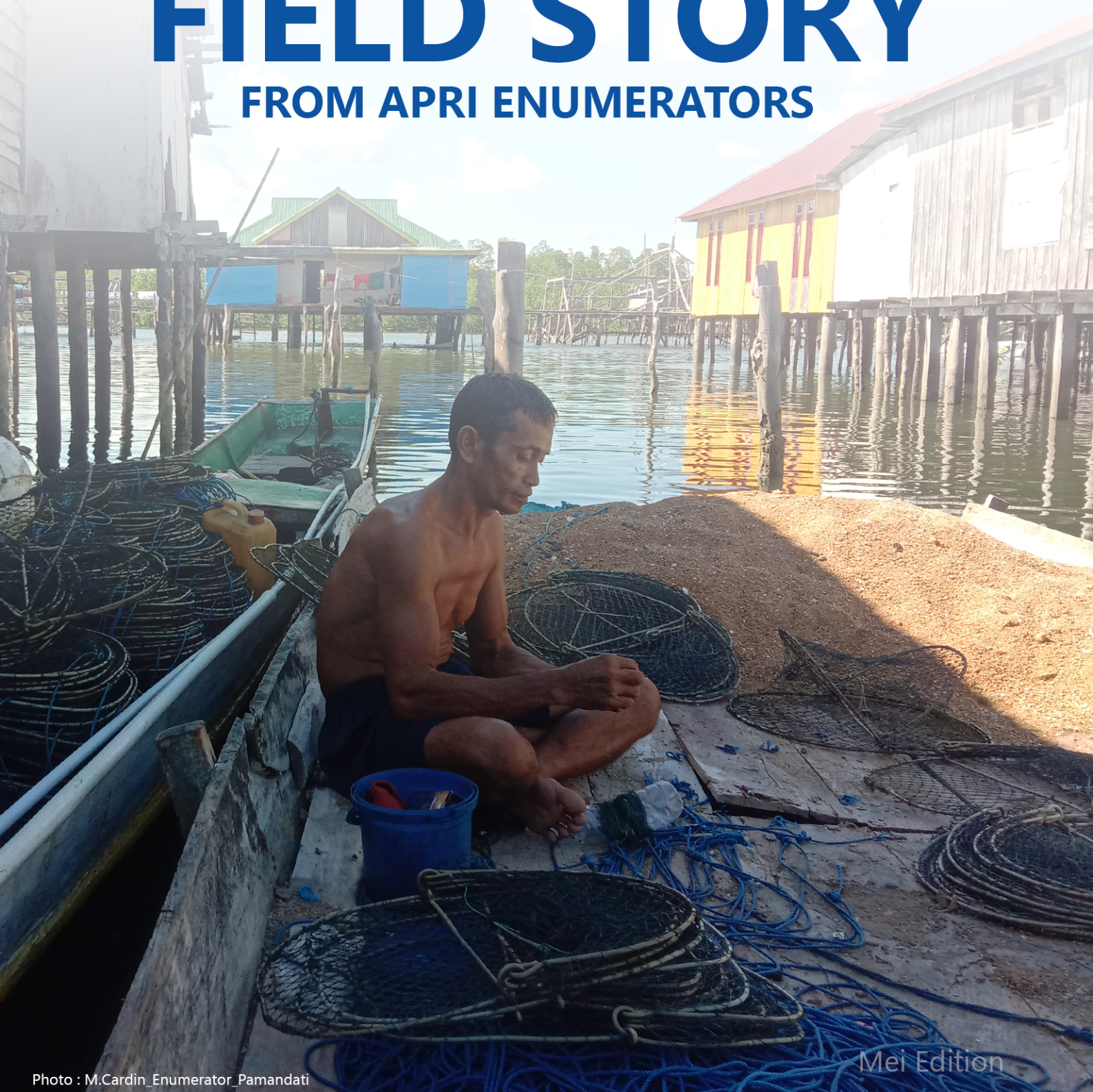


Photo : M.Cardin\_Enumerator\_Pamandati

Mei Edition



# Our Story From Field.

This our news from the field reported directly by APRI enumerators at the blue swimming crab data collection in Indonesia



## Utilization Crab Waste “Lemi” for High Value and Nutritional Value

Mei 23, 2023. A mother named Lilis who lives in the Old Mosque Village, kec. Talawi, Kab. Coal uses crab glue waste as a food flavor enhancer if he obtains glue in small quantities, but if it is in large quantities, crab glue can be resold to crab glue collectors at a fairly high price, ranging from Rp. 100,000/kg up to Rp. 150,000/kg. But unfortunately, collecting 1 kg of crab lemi can take quite a long time even though the collection of crab lemi is done every day so that it can improve its quality. This is because the crab lemi is not always present in the female crab, also the weight of the crab lemi tends to be small. Therefore, Ibu Lilis chooses to process crab lemi as an additional flavoring in foods such as curry or salted egg sauce.

The way to get crab lemi is by opening the shell of the boiled female crab, then prying it using a spoon to separate the crab meat and crab lemi. The substances contained in this crab lemi are protein, fat, air content, ash content and carbohydrates which contribute greatly to the nutritional value. In general, fish and other fishing products have a relatively small amount of protein content, but the fat content can vary greatly (Anggo and Romadhon, 2006). By looking at the many nutrients contained in crab lemi, it is hoped that people who consume it can meet their nutritional needs. **(Nafisa Fairuz)**

## Fishermen activities carry out vessel repairs in Grogol Village, Gunung Jati District, Cirebon Regency, West Java

Mei 15, 2023. The Cirebon Regency area is currently being hit by a westerly wind or the local people call it a beetle wind, this condition stops fishermen from going to sea for a while. However, Pak Surkam, one of the fishermen in Grogol Village, Gunung Jati District, Cirebon Regency, used this as an opportunity to repair the ship.

Mr. Surkam's boat itself has a 28 GT boat which he usually uses to catch blue crabs (*Portunus pelagicus*). The repairing of the ship includes re-cementing the bottom of the ship and repainting the hull as a whole. Mr. Surkam himself started repairing the ship from Thursday, May 11, 2023 until the news of this crab was made on Monday, May 15, 2023, "Yes, it usually takes 1-2 weeks to finish everything," said Mr. Surkam. The costs required include the purchase of cement and paint which requires a minimum fund of Rp. 500,000. Pak Surkam himself carried out the activity assisted by his son. Apart from having the right momentum because of a beetle wind that has stopped sailing activities, repairing this ship is usually done when a lot of moss has appeared on the bottom of the ship. **(Meitha P.)**





## Folding Traps (Bubu) are The Choice of Blue Swimming Crab fishermen in Pemalang, Central Java

Mei 19, 2023. Folding trap is a fishing gear that is often used by fishermen in coastal areas to catch crab resources. The operation of the folding trap is very easy and practical because this fishing gear is passive, by placing the bait in the trap and then waiting for the crab to get trapped. The time needed to wait for the crab to be trapped is approximately 24 hours, so this fishing gear is left in the waters without the fishermen's supervision. The folding trap fishing gear is one of the environmentally friendly fishing gears and is popularly used by small crab fishermen because the crabs caught are still alive so they are able to maintain the quality of the crab meat.

There are various shapes and types of folding trap construction that can be used to catch crabs, but what is commonly used to catch crabs is a rectangular shape with a construction of iron and nets. Mr. Rumli is one of the small crab fishermen in Pejarakan Village, Danasari Village, Pemalang District, Pemalang Regency, Central Java who uses folding traps. The folding trap used is rectangular (45x30x15) cm in size with two doors and an iron inside the trap for placing the bait. **(Nur Arofah)**



## Attending the Preparation for the Normalization of the Silugongo River by Fishermen of Keboromo Village, Kec. Tayu Kab. Pati



The Silugongo River in the Tayu District has an important role because it is the main facility for Keboromo Village, where the majority of their livelihoods are crab fishermen. However, at the beginning of 2023 the condition of the Silugongo River was quite apprehensive because it was silting up at the estuary which was quite high. The depth of the estuary during high tide ranges from 60-100 cm, while at low tide it is only 30-60 cm. This hinders fishermen from going out or entering the river, because if the load of the fishing boat is too heavy it will damage the propellers or the steering wheel of the boat.

Several options have been used, such as changing the time to go to sea from early morning (01.00 -02.00 WIB) to 04.00 - 05.00 WIB because at that time the sea water had started to rise. However, this method has drawbacks, namely reduced crab catches and the time to land the crabs when the sun is hot, thus affecting the quality of the crabs. In March 2023 fishermen submit proposals to related parties such as the Maritime Affairs and Fisheries Service of the Regency. Pati, Fisheries Extension and APRI Enumerators to be able to normalize the river. **(Ervin)**





## Replication of making APRI crab apartments in Sukoharjo village - Rembang, Central Java

May 8, 2023. The information was conveyed by fishermen from Dukuh Layur on behalf of Khairul. After making the crab apartments, he gave permission to APRI officers (CO and Enumerator) to share photos of the crab apartments with fishermen from other areas who caught the majority of crabs. The photo attracted the attention of fishermen from Sukoharjo Village, and they had a desire to make fish cages like the design of the crab apartment owned by APRI.

After obtaining this information, CO plans to pay a visit to the head of the fishermen in Sukoharjo Village to ensure the veracity of the information. On May 8, 2023 CO finally had the opportunity to stay in touch and coordinate at the house of the fisherman chief (Mr. Dartono). From the results of this coordination, Mr. Dartono said that the fishermen from Sukoharjo Village are planning to make fish cages that mimic the design of the crab apartments owned by APRI. Fishermen also agree with the proposal,

These activities include adding crab boxes to place the female TKG III crabs that are still alive and then selling them when the eggs have been released into nature. The second is to make an activity report book that contains records of the number of TKG III crabs that have entered the crab box. The goal is that the sustainability of blue swimming crab, especially in Rembang Regency, is maintained. **(Kamal M.)**

## Sea Alms Celebration 2023 in Dukuh, Layur Village - Rembang, Central Java

May 21-23, 2023. Sea Alms is a tradition of the fishermen of Rembang as an expression of gratitude for the abundant sustenance given from the sea which has been a source of income for fishermen. According to Mr. Sairen, as the head of the fishermen, the sea alms event is held every year in the month of Selo or after Shawwal. This year is arguably the liveliest alms event when compared to the last 4 years, because in 2019-2022 it is still in the effects of the COVID-19 pandemic and PPKM. This year's series of alms events starts from Sunday, 21 May 2023 to Tuesday, 23 May 2023. The alms activity begins with thanksgiving and joint prayer at the Layur punden, then continues with a food float to Gosong Island which is approximately 2-4 miles from the Layur coast.

The offerings that have been prepared will be thrown into the sea close to Gosong Island. Gosong Island is a small island on the seafront which can be seen when the sea is receding. The trip to Gosong Island was carried out by a convoy of boats owned by fishermen so that the event was very busy. The ships participating in this year's sea alms activity are almost all fishing boats in the Layur hamlet with around 70-80 boats. In one fishing boat, relatives and relatives from far away will also be present to take part in the Larung Serve activity, or the term here, namely Balapan. Lombok is an activity that is eagerly awaited by the local community because on this occasion it is considered as a means of recreation to the sea. **(Rasyid P.)**





## “Udang Ronggeng” as a Non-Target Species with High Economic Value



May 16, 2023. Non Target Species (NTS) are by-catch species or not the main catch, for fishermen on the island of Mengare, Gresik Regency, the main catch is blue crab. Mantis shrimp or what fishermen on the island of Mengare call ronggeng shrimp is a non-target species that is very popular with fishermen because ronggeng shrimp is a by-catch that has high economic value, even though the price of ronggeng shrimp tends to increase or decrease frequently. but for ronggeng shrimp fishermen it is an economic support. Based on an interview with one of the fishermen on the island of Mengare, namely Mr. Ri or commonly called Gus Ri on 16 May 2023, information was obtained that the fishing gear for ronggeng shrimp was the same as the fishing gear for crabs, namely nets with a size of 3.5 inches. Gus Ri said that there was no additional fishing gear to catch ronggeng shrimp. It is hoped that even if you don't get small crab, you will at least get ronggeng prawns because the price is still high, on May 16 2023 the price of ronggeng prawns is still Rp. 870,000 / kg depending on the size of the ronggeng prawns themselves. The size of the ronggeng prawns expected by fishermen is 2 ounces so the price will remain high.. (Pahad M.)

## Ship Measurement Activities as Stages for Making Small PAS Document



May 9, 2023. Every fishing boat or vessel is recommended to have a Small PAS Document, but to have this document, fishermen's boats need to carry out ship measurement activities. It started with the desire of the fishermen who wanted to have a Small PAS document, so that the Community Organizer looked for information on the latest Small PAS issuance or an online system. After visiting the Branta Class II Port Administration Unit Office for consultation, in order to obtain a guidebook or guidebook for creating an account and submitting a Small E-PAS application.

Registration documents that must be completed include an Application Letter for Vessel Measurement, a Builder's Certificate, a Boat Owner's KTP and a Builder's KTP and photos/documentation of the boat to be measured are complete, so what is done next is to upload all the files to the page that was sent by the Staff Syahbandar Branta office, namely <http://ditkapel.dephub.go.id>, then confirmed to the harbormaster that the file had been uploaded. After the upload process is complete, all that remains is to wait for confirmation from the syahbandar when the measurement time will be carried out. Ship measurement is a measurement activity to determine length, width, depth and tonnage according to the measurement method. this activity was carried out by the Syahbandar Team in Pagagan Village, Pademawu District, Pamekasan Regency. (Lailatul Q)



## Repair of fishing nets in Candi Village of Pamekasan

May 16, 2023. The fishing gear used by fishermen to catch blue crabs are nets and traps. Fishermen in Candi, Polagan village, kec. Galis, Kab. Pamekasan, East Java, the majority go to sea using fishing nets. The nets used in the temple are gill nets but are one layer which are readily available in fishing shops in general. Repair of these nets is carried out erratically depending on how badly the net is damaged and how lucky/striking the net is during the fishing season. During the western season, nets will break down quickly due to large catches, so that every two weeks to one month the nets must be repaired. But during the east monsoon when catches are low, the nets can be repaired in over a month. (Farhan R.)

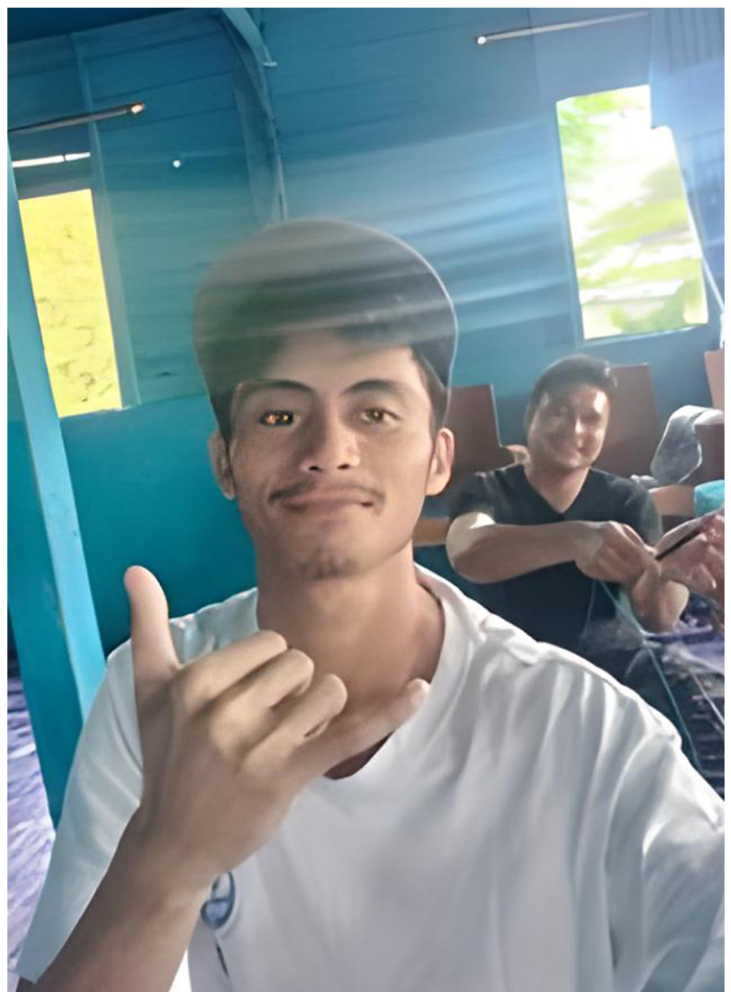


## Maintenance/Repair of Fishing Nets in Pangkep South Sulawesi

On May 22, 2023 the Pangkep enumerator visited the house of a fisherman named Usman in Tamarupa Village, Mandalle District, Pangkep Regency. activities carried out by fishermen at that time were repairing net fishing gear. why this was done because the net fishing gear suffered damage to the nets caused by the use of fishing gear that is used almost every day and is damaged by the crab itself because it pinches the mesh and because of catches of NTS such as fish, shellfish and other types of crabs.

Change of net fishing gear is done once a month on average and can also be below or above one month according to the level of damage. sometimes fishermen also make several backup nets so that when damage occurs they are immediately replaced so that the number of nets installed at sea remains quite a large number. the number of nets installed between 80-150 pis. The brand of net used is carp with a mesh size of 3.5 inches and a mesh thickness of 2.8 mm.

**(M. Wellis)**





## Bubu Crab Maintenance Activity by Fisherman in Tanjung Pinang Village - Southeast Sulawesi



May 18, 2023. Blue swimming crab (*portunus pelagicus*) is commonly found in the sea waters of the Tiworo Strait, West Muna Regency and is one of the main capture fisheries commodities. The magnitude of this potential makes fishermen catch crabs with fishing gear, one of which is the trap type. The crab trap is now one of the main fishing gear for fishermen in Tanjung Pinang Village, Kusambi District, West Muna Regency. According to Mr. Abdullah (a fisherman from Tanjung Pinang), the routine activity of fishermen catching crabs causes the level of damage to fishing gear to increase.

The level of damage to traps in the torn damaged category is caused by puffer fish which often eat or bite the trap nets. As an alternative, fishermen find that the traps are torn, then they independently repair the damage. The moment of fixing the trap is usually done after landing the blue swimming crab in the mini plant, this activity is routinely carried out by some fishermen if their fishing gear is damaged. Usually the repair process is by re-stitching the location of the torn trap nets.. (M. Cardin)





A man wearing a white cap and an orange safety vest over a white shirt is sitting and working with a large bundle of colorful threads (blue, green, yellow, and orange). He is focused on his work, using his hands to manipulate the threads. The background is a blurred outdoor setting with some greenery and a building. The overall image has a soft, slightly faded appearance, with a geometric pattern of overlapping diamonds in the top left corner.

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# This Our Story

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