

#APRIGoesToSociety

FIELD STORY

FROM APRI ENUMERATORS



Our Story From Field



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



Tidal Conditions of Sea Water, Determining the Catch of Fishermen

24 August 2023. The phenomenon of sea level which can be higher or lower at certain times is called sea tide which occurs due to the gravitational attraction of the earth towards the moon and sun. Sea tides occur periodically and depend on the earth's position relative to the moon and sun.

The full moon occurs when the earth, moon and earth are in a straight line. This position will produce very high tides and very low ebbs. Full moon tides occur when the new moon and full moon. This is what leads residents to determine when they will go to sea at what time and the estimated catch caught.

Not only applicable to small crab fishermen, the determination of catch based on tides is also used by clam, shrimp, and fish fishermen. Usually for crab fishermen they will go to sea more during high tides, because according to them during high tides more crabs will be caught, whereas when the tide is low only a few are caught. And fishermen believe that big tides and small tides occur every two weeks. **(Nafisa Fairuz)**

Release of ETP Species, By Fishermen Back to the Sea in Lampung

5 August 2023. Socialization regarding ETP for species such as marine mammals, turtles and horseshoe crabs also continues to be socialized and is part of our activities as enumerators.

The fishermen in Margasari village are generally fish and crab fishermen, this location is the data collection location for enumeration in Lampung. There are fishermen who are confused when they encounter a turtle that is stuck, so the fishermen immediately contact and ask for advice from the APRI enumerator on duty. APRI enumerators who were provided with material related to handling ETP species at yesterday's enumerator training have conveyed to fishermen how to handle caught turtles.

The fishermen were also accompanied by enumerators to release them as a form of protecting the sea and providing information about animals including ETP to increase awareness of the fishermen concerned. Some fishermen also do not know that there are several turtles that are protected and endangered turtles.

As an enumerator in charge of carrying out data collection, he also continues to help fishermen to submit several existing ETP species to be returned alive through ETP posters that have been made by APRI. **(Andy Azis)**



The Potential of Crab Shell Management as an Alternative for Community Income in Cirebon Regency



26 August 2023. Peeling Crabs Must Have Skills The actors in the crab industry activities in Grogol Village and Mertasinga Village, Gunung Jati District, Cirebon Regency, West Java received a visit from a team of IPB lecturers and students in the context of carrying out research on crab shell waste management. This is based on the problem of people who are still confused about managing crab shell waste, where the current management includes throwing it away and using it as animal feed.

Shells that are not managed properly produce an unpleasant aroma and are at risk of causing disease. The team from IPB in collaboration with APRI plans to build an integrated shell waste management site (TPLCT) where with the TPLCT it is hoped that shell waste management can be carried out well and in an integrated manner, resulting in good quality crab shell waste. Miniplant as a supplier of crab shells is tasked with separating the crab shells into parts, including claws, totok, walking legs, swimming legs, then the crab shells are delivered to TPLCT. At TPLCT, crab shells are dried using a tray. After drying, the crab shells are packaged and sold to industry. TPLCT operations will involve the local community. This activity has many benefits such as increasing income, increasing individual and group capabilities, mastery of technology, and employment. **(Meitha P.)**

Crab Catch Condition in Pemalang - Central Java



30 August 2023. Crab catches in Danasari Village experience a decline during the dry season. It has not rained for more than a month and fishermen only get crabs of 1-2 kg/ship/day, this condition is very different from previous months where fishermen get crabs of up to 30 kg/ship/day. Most fishermen choose to take a holiday from sea because the proceeds from selling crab cannot cover the cost of supplies for going to sea and wages for crew members. As for fishermen who still go to sea, they use by-catch such as crabs and tiger snails to increase their income.

Fishermen will clean their boats and traps before going on holiday at sea. The dust that has been cleaned is then stored on the ship covered with a tarpaulin. The folding trap used to catch crabs (*Portunus pelagicus*) is made of a rectangular net with iron as a frame and has two doors as entry points for crabs and can be folded when it is not being operated. Folding traps are very popular in the crab fishing community in Danasari Village, Pemalang Regency because apart from being easy to use, repair and maintenance are also easy. **(Nur Arofah)**



Long-lasting fish traps, tips for caring for fish traps by fishermen in Pati

August 24, 2023. Blue swimming crab trap is a fishing gear that uses a net cover made of Polyethylene with a mesh size of 25 x 50 mm tied to an iron/stainless frame.

From these materials it is not uncommon to experience damage, such as trap frames that start to rust and break, as well as nets that begin to decay because they are submerged in sea water and then dry. So, the trap must be maintained frequently, so that it can be used in the long term. The following are several ways that Keboromo Village trap fishermen carry out trap maintenance:

- clean bubu from moss, mud, and barnacles
- sewing net traps that have finished with new thread.
- smear the pot with bulk oil, then dried in the sun.

After this method has been carried out, the trap can be used again the next day. Almost all fishermen in Keboromo Village routinely do this, usually after landing their crab catch. **(Ervin S.)**

FIP (Fisheries Improvement Project) Presentation to APRI member buyers

14 August 2023. During the buyer's visit from one of the APRI members located in Rembang, the CO and Enumerator in the area were asked to convey the fisheries improvement projects that had been carried out. The visit was held on Monday morning, August 14 2023. First, there was a visit to the miniplant and then a meeting was held in the PT area. SMB to present fisheries improvement projects in Rembang representing all of Indonesia. The meeting was attended by the owner of UPI (Fish Processing Unit) and employees, buyers from UPI who came from Thailand, representatives of buyers located in India and an NGO from America. At this meeting the CO conveyed his role and duties in the field. One of the tasks is to build apartments as a step to improve the crab fishery in Indonesia.

The enumerator also conveyed his role and duties in the field. The task is to collect data on crab biology every day to find out the natural stock by analyzing the results of the data collection. Then collect data on crab catches every day and collect data on by-catch. The meeting lasted quite a long time, because of the enthusiastic buyers and one of the American NGOs when the CO and Enumerator explained. Question and answer activities are carried out every time one material is explained. The results of the meeting concluded that buyers and NGOs were very satisfied with the activities that had been carried out to improve crab fisheries in Indonesia, especially in Rembang. **(Kamal M.)**



The Celebration of Independence in the Crab Fisherman's, Gedongmulyo



August 20 2023. This year the August 17 celebration in Dukuh Layur, Gedongmulyo Village, Rembang Regency is very lively. This independence commemoration is marked by various events such as lighting decorations and children's competitions. There are many competitions being held this year, such as sack races, wire-in-rope competitions, and so on.

Even though there are August activities in the local hamlet, the fishing community goes to sea as usual and will hold activities in the afternoon until evening. On August 20 2023, a carnival will be held around Lasem square. Dukuh Layur itself represented Garam Intan Putih to take part in the carnival activities and introduce local products to carnival visitors. The carnival activities were attended by villages and schools in Lasem sub-district. **(Rasyid P)**

Rajungan Balap Tiga (*Portunus sanguinolentus*) on the island of Mengare Gresik



23 August 2023. Fishermen on Mengare Island, Gresik Regency, East Java, especially crab fishermen, get catches every day from net fishing equipment, namely crabs of the *Portunus pelagicus* type and various types of fish. The type of crab caught is not only the *Portunus pelagicus* type, but there is also the *Portunus sanguinolentus* type which is known to fishermen on the island of Gare as the triple racing crab.

The results of crab fishermen catching with this type of net fishing gear very rarely get *portunus sanguinolentus* crab, based on data collection in the last three months they only got 3 *portunus sanguinolentus* crab. Based on the results of an interview with a mini plant employee, namely Mas Agus, information was obtained that the fishermen who sell their catch to the Menare mini plant with the owner's name, Mas Robi, are not only the *Portunus pelagicus* type of crab which is usually called kroyo or also various types of fish that have high economic value but it is also very rare to find the three type of racing crab (*portunus sanguinolentus*). **(Pahad M.)**

Assistance with Fishing Vessel Licensing Administration (TDKP and NIB)



01 August 2023. Fishing Vessel Registration Certificate (TDKP) is written evidence stating that the fishing vessel is owned by a small fisherman, while the Business Identification Number (NIB) is a certificate as a business permit and commercial or operational permit according to the field of business. The TDKP and NIB publishing program is a series of events held by the East Java Provincial Government on 27-28 July 2023 in collaboration with the Pamekasan Fisheries Service. Administrative implementation continues on August 1 2023, where CO Management is still helping fishermen with the process of issuing ship permits in the form of TDKP and NIB for fishermen whose PAS Kecil has just been issued.

During the issuance process, fishermen are asked to bring the required documents in the form of a photocopy of KK, photocopy of ID card, photocopy of small PAS and photo of the boat owner's boat. This implementation lasted for 2 days. On the first day, socialization was also carried out about the importance of completing the legal administration of fishermen. umen will be submitted through the Pamekasan Fisheries Service. **(Lailatul Q.)**

Fishermen's Activities Outside of Catching Crabs and Catch Condition Crab on Salt Island - Pamekasan, Madura

26 August 2023. Very few crab fishermen want to go to sea this August. many factors are the cause, starting from the small catch, more work on land harvesting tobacco, and indeed in the dry season like this, there are usually fewer crabs like previous years. so I am here because I am a Pamekasan enumerator who also has a monthly data collection target and sees that the conditions in the field are inadequate to achieve this month's target. The anticipation is to find or add data collection locations such as adding collectors or miniplans that enumeration activities can do.

the addition of temporary enumeration locations there are two, namely in the pak zainal collector in the bubu fishing gear located in Pagagan village, Pamekasan and the other in the pak suro collector in the net fishing gear located in the village of West Feedangan, Sumenep. Thank God, after such anticipation, the enumeration target in August reached the target. **(Farhan R.)**



"The most one activity fishermen do if not go to sea is repair catching tool"

Data Collection Activity on Biological Blue Swimming Crab in South Sulawesi



28 August 2023. Blue swimming crab (*Portunus Pelagicus*) is an important global fishery resource because it has a high export value. Indonesia's fisheries export period recorded crab as the fourth export commodity in 2018. The high market demand for crab is directly proportional to its fishing activity where indications of crab exploitation have been reported in recent years. Biological data collection is the first step to maintain and improve the fisheries sector so that it remains sustainable. The aim is to determine the biological condition of the blue swimming crab on the coast of Mandalle District.

Biological data collection is carried out by enumerators almost every day, data collection starts from the size of the crab, weight, sex, gonad maturity level, and color of the crab eggs caught. **(M. Wellis)**

Women in Fisheries: The Role of Women in Supporting Crab Business in Muna Regency, Southeast Sulawesi



15 August 2023. Fishing business activities can involve various elements, including the role of female fishermen. This is similar to what the fishermen women in Tanjung Pinang Village, West Muna Regency, Southeast Sulawesi Province, do. The fishermen's mothers do not only provide food or look after the children, but the fishermen's mothers fight in helping the fishermen to bring their catch to be weighed in the miniplant.

When fishermen catch after arriving at home, the job of the fishermen's mothers is to bring their catch to the miniplant and when they arrive at the miniplant, the work of the fishermen's mothers is not only to supervise but to weigh in with the miniplant owner. The weighing activity carried out by the fisherman's mother is a form of role in assisting crab fishing business activities. Not only that, the activity of peeling crab after cooking is carried out by fishermen in Tanjung Pinang village.



The role of women in supporting the crab business is also quite large. It turns out that the crab fishermen, the majority of whom are men, are also mothers in the fisheries supply chain who also contribute to miniplant activities.

These women will be more careful and talk about buying and selling. It is indeed felt that these women are more suitable to handle this matter, that is the role of female fishermen in the blue crab fishery in Muna Regency, Southeast Sulawesi. **(M. Cardin)**



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This Our Story

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