



APRI FIP Activities 2023



P1

Sustainable Fish Stock

P2

Minimizing Environmental Impact

P3

Effective Management



Fishing Gear Swap (4.5 inch Nets)

Monitoring Fishing Gear Swap into 4.5 inch Nets

Data Collection by Enumerator

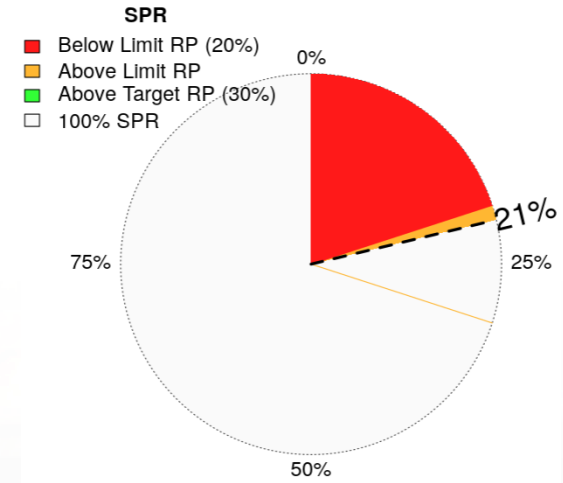
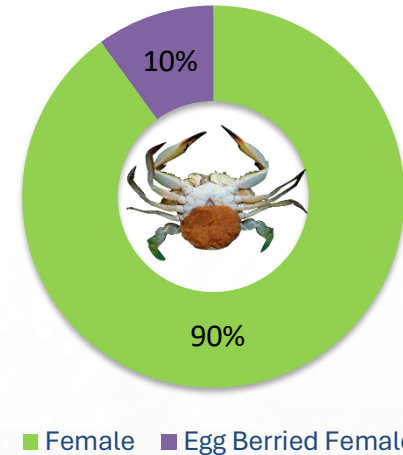
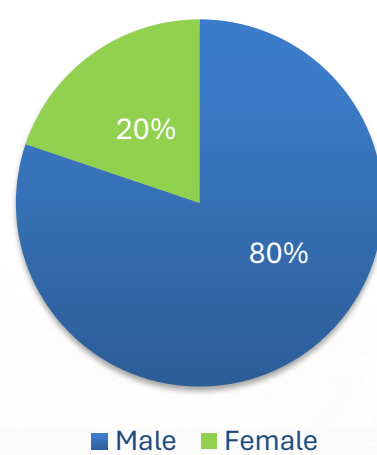
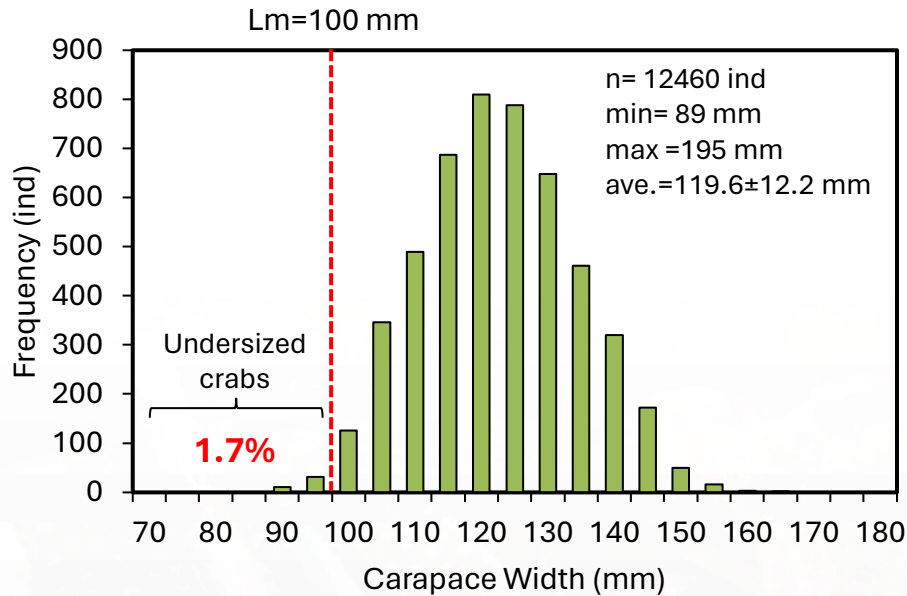
Enumerator collected the data from fishers who used 4.5 inch nets. Data type includes biological data, non-target species, and landing.

Evaluation

Fishers groups held a monthly regular meeting to discuss and evaluate the implementation of fishing gear swap program into 4.5 inch nets.

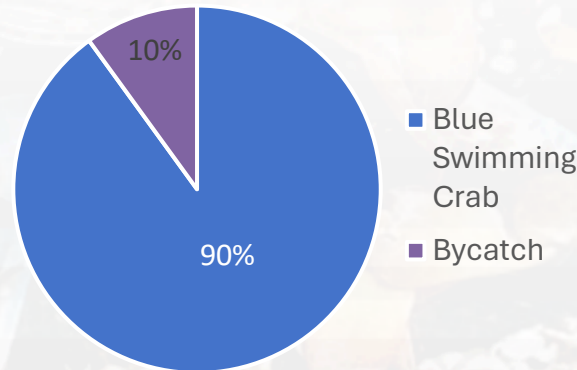


Catch Composition of Blue Swimming Crabs with 4.5-inch Net in Pamekasan, Madura Island



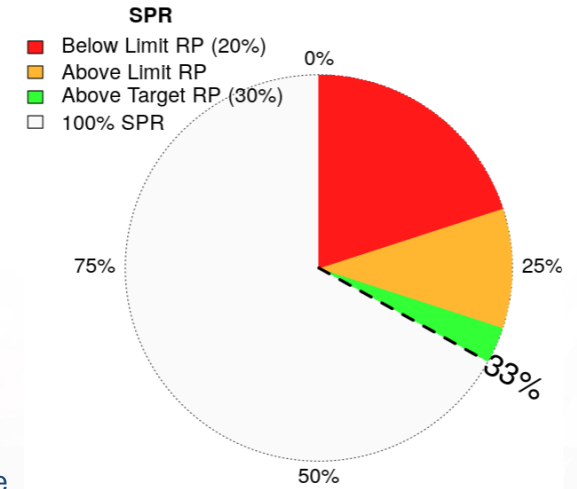
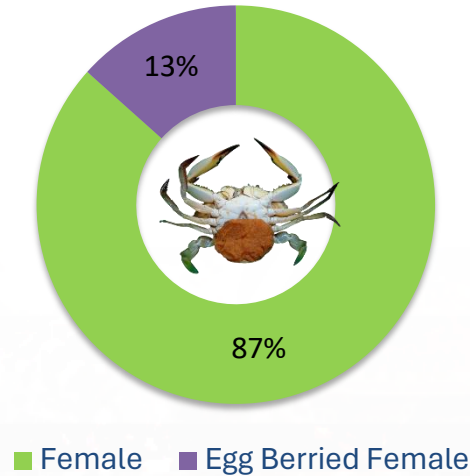
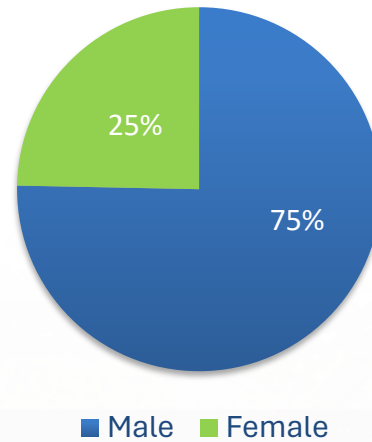
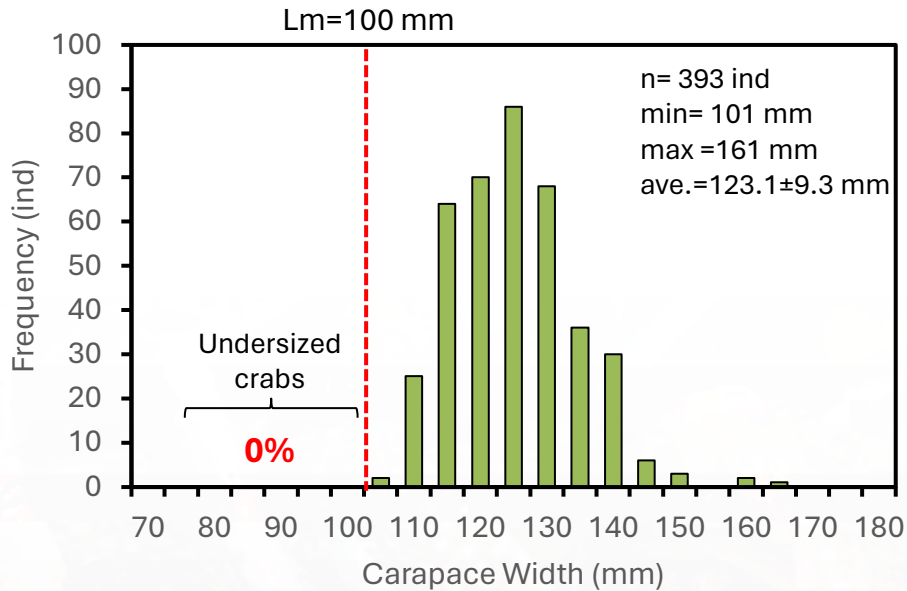
- The average carapace width of BSC was 119 mm.
- The catch was dominated by the male crabs.
- The percentage of undersized crabs (<10 cm) was less than 2%, while egg berried females account for 10%.
- SPR value was estimated to be 21%

Non-Target Species



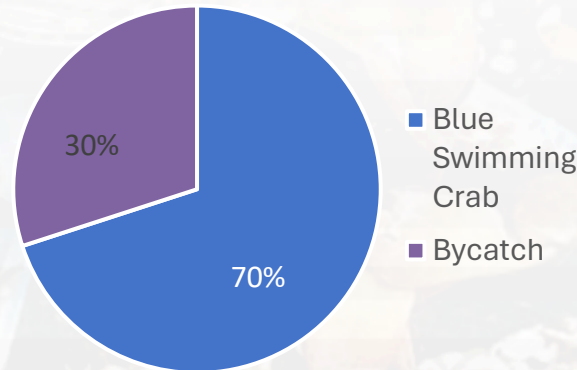
The bycatch species consists of group of demersal fish, crustaceans, and mollusks with proportion of 10% of total catch.

Catch Composition of Blue Swimming Crabs with 4.5-inch Net in Rembang, Central Java



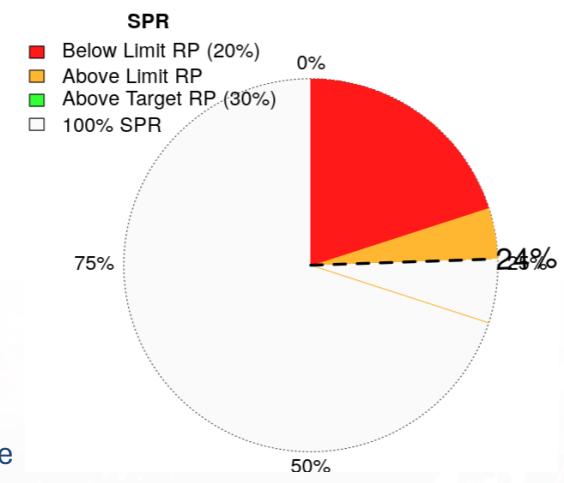
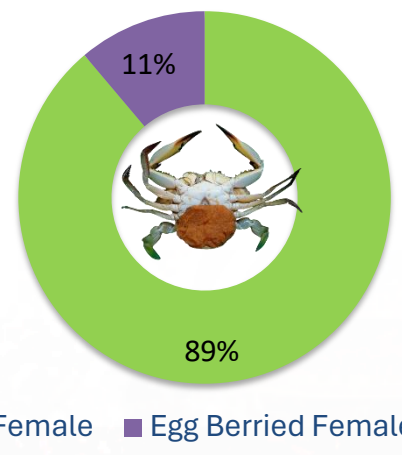
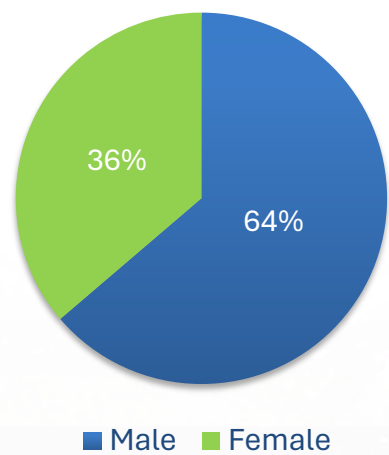
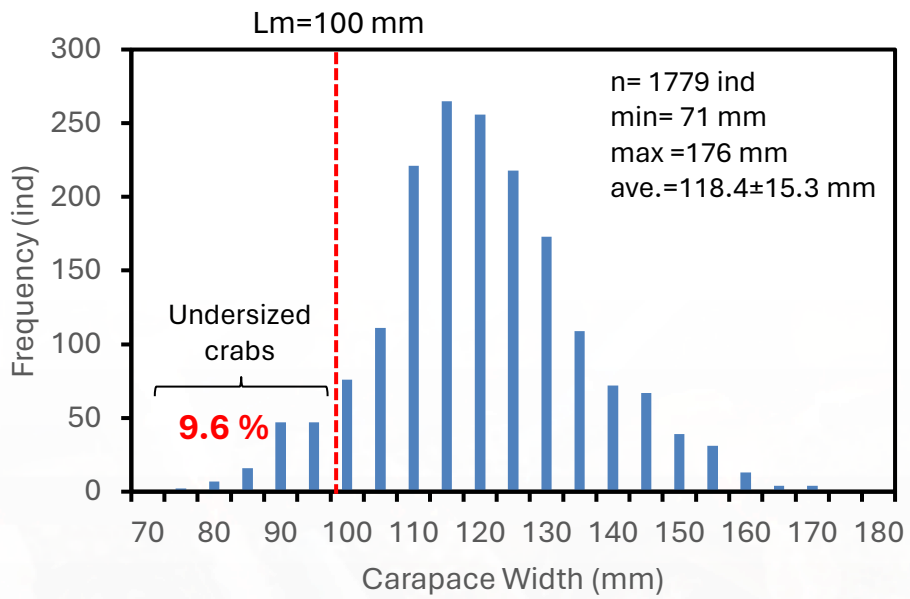
- The average carapace width of BSC was 123.1 mm.
- The catch was dominated by the male crabs.
- The percentage of undersized crabs (<10 cm) was 0%, while egg berried females account for 13%.
- SPR value was estimated to be 33%
- Trammel net was used in Rembang for multi target species, not limited to BSC. Big fishes were caught by 4.5-inch trammel net, resulting in high proportion of bycatch.

Non-Target Species



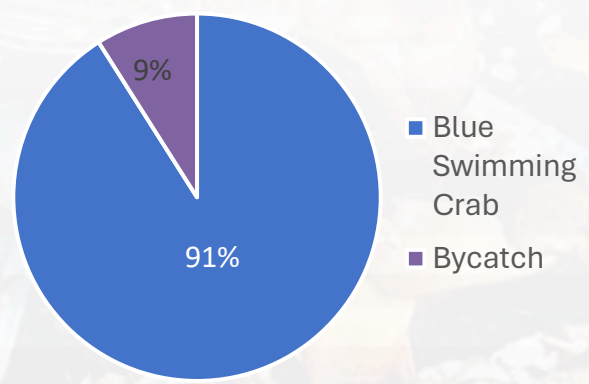
The bycatch species consists of group of demersal fish, crustaceans, and mollusks with proportion of 30% of total catch.

Catch Composition of Blue Swimming Crabs with 4.5-inch Net in Lampung



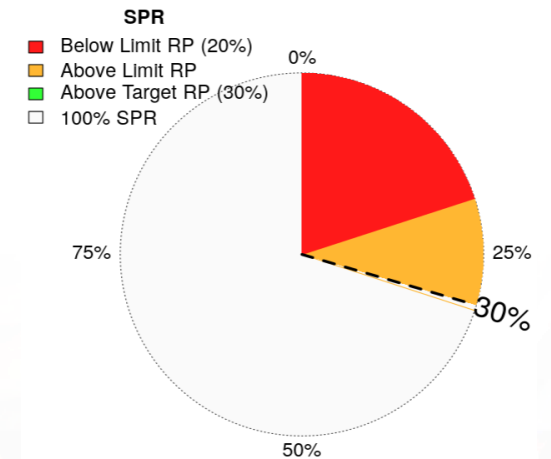
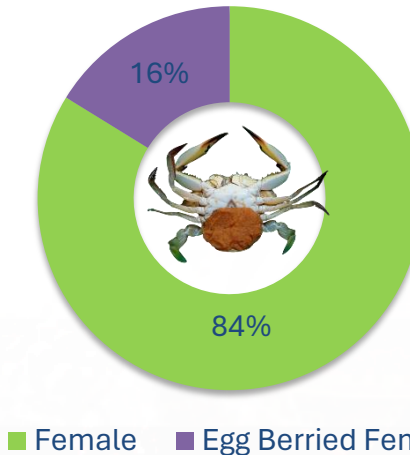
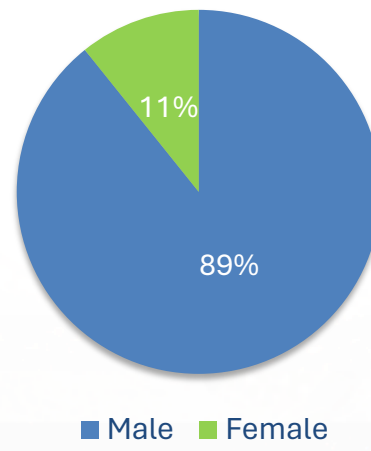
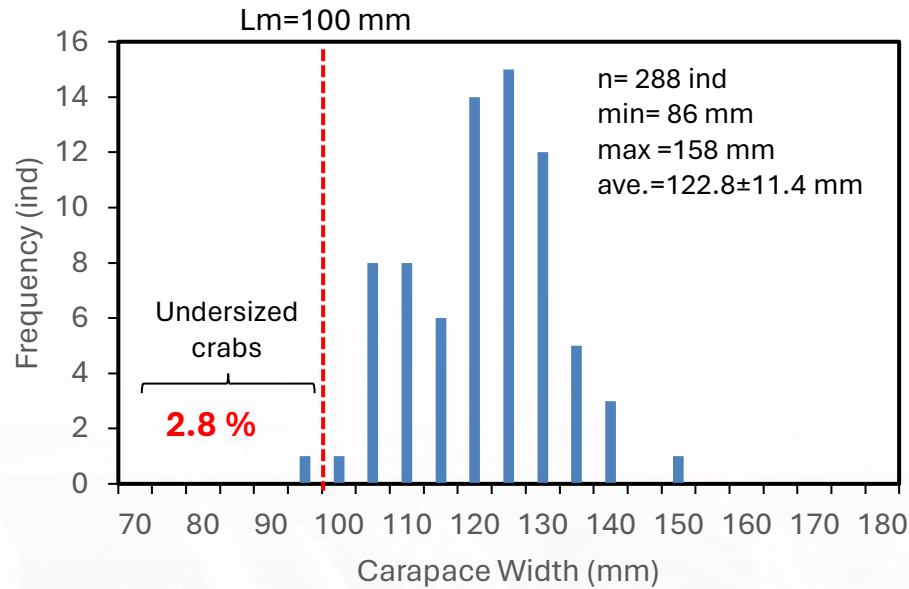
- The average carapace width of BSC was 123.1 mm.
- The catch was dominated by the male crabs.
- The percentage of undersized crabs (<10 cm) was 9.6%, while egg berried females account for 11%.
- SPR value was estimated to be 24%.

Non-Target Species



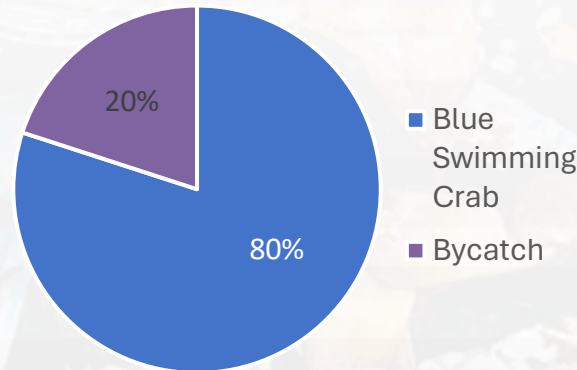
The bycatch species consists of group of demersal fish, crustaceans, and mollusks with proportion of 9% of total catch.

Catch Composition of Blue Swimming Crabs with 4.5-inch Net in Cirebon, West Java








- The average carapace width of BSC was 123.1 mm.
- The catch was dominated by the male crabs.
- The percentage of undersized crabs (<10 cm) was 9.6%, while egg berried females account for 11%.
- SPR value was estimated to be 30%.

Non-Target Species



The bycatch species consists of group of demersal fish, crustaceans, and mollusks with proportion of 20% of total catch.

Thank You

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