



**Establishment and Operation of a Regional System of
Fisheries *Refugia* in the South China Sea and Gulf of Thailand**

REPORT

**FISHERIES DATA COLLECTION ON FISH LANDING SITES IN
PALAWAN, ZAMBALES AND PANGASINAN
DURING APRIL-JUNE 2018**

**PALAWAN, ZAMBALES AND PANGASINAN, PHILIPPINES
APRIL – JUNE 2018**

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HIGHLIGHT ACTIVITIES

- 1) For the 2nd Quarter of 2018, fisheries data collected includes gathering and collection of production data by boat by landing center; Identification of fish species caught by gear type; gathering and collection of catch per unit effort by gear by landing center; length and weight data by species by gear;
- 2) A total of 377 fishing vessels landed their catch during April to June of 2018 in Coron, Palawan with a total catch of 32.48 metric tons, an increase of around 100 kilograms from the previous catch from the last quarter of 2018. A total of 9487 fish was measured by the enumerators during the 3 months sampling. In Masinloc, Zambales, a total of 250 fishing vessels landed their catch during the months of April to June of 2018 with a total catch of 26.61 metric tons. A total of 11,149 fish was measured by the enumerators during the 3 months sampling in Masinloc, Zambales, while in Bolinao sampling sites, 176 boats landed were sampled with a total catch of 5 metric tons for the 2nd quarter.
- 3) It was observed that thirteen different fishing gears were used fishing in Coron in the second quarter. Bagnet dominated the catch with the highest catch of around 3.1 metric tons for the month of February. 7 types of fishing gears were used in Masinloc, Zambales, and 5 fishing gears in Bolinao. The table 1 shows the landing center, fishing gear used, month of fishing and number of boats unloaded per fishing gear as well as the total unloaded catch per gear type and landing center. The table also included the length frequency sampled by fishing gear in Coron, Palawan. The data was shown in table 2 and 3 is for Masinloc, Zambales and Bolinao, Pangasinan, respectively.

Table 1. Summary of Fisheries Data Collected in Coron, Palawan. (April to June 2018)

| landing_center | gear_desc | Mon | unl_boats | unl_catch | LF_SAMP |
|----------------------|------------------------|-----|-----------|-----------|---------|
| Barangay Tagumpay | Bagnet | 4 | 35 | 3553 | 1238 |
| Barangay Tagumpay | Bottom gillnet | 4 | 8 | 25.55 | 195 |
| Barangay Tagumpay | Bottom set long line | 4 | 8 | 477 | 79 |
| Public Market, Coron | Bottom gillnet | 4 | 22 | 395.65 | 240 |
| Public Market, Coron | Bottom Set Gillnet | 4 | 6 | 253.2 | 194 |
| Public Market, Coron | Bottom set long line | 4 | 13 | 54.85 | 30 |
| Public Market, Coron | Crab Pot | 4 | 7 | 49.7 | 29 |
| Public Market, Coron | Drive-In-Gillnet | 4 | 4 | 303.5 | 355 |
| Public Market, Coron | Fish pot | 4 | 3 | 12.1 | 43 |
| Public Market, Coron | Hook & Line | 4 | 1 | 10.2 | 7 |
| Public Market, Coron | Multiple hook and line | 4 | 3 | 239 | 235 |
| Public Market, Coron | Spear gun | 4 | 1 | 1.5 | 8 |
| Public Market, Coron | Squid Jigger | 4 | 2 | 6.8 | 4 |
| Public Market, Coron | Troll line | 4 | 3 | 135 | 46 |
| Barangay Tagumpay | Bagnet | 5 | 48 | 16252 | 1054 |
| Barangay Tagumpay | Bottom gillnet | 5 | 14 | 77.75 | 255 |
| Barangay Tagumpay | Bottom set long line | 5 | 3 | 167 | 0 |
| Barangay Tagumpay | Multiple hook and line | 5 | 1 | 185 | 123 |
| Barangay Tagumpay | Spear gun | 5 | 2 | 118 | 115 |
| Public Market, Coron | Bottom gillnet | 5 | 25 | 347.5 | 509 |

| | | | | | |
|----------------------|------------------------|---|------------|----------------|-------------|
| Public Market, Coron | Bottom Set Gillnet | 5 | 10 | 329.11 | 254 |
| Public Market, Coron | Bottom set long line | 5 | 15 | 334.7 | 234 |
| Public Market, Coron | Drive-In-Gillnet | 5 | 6 | 426 | 803 |
| Public Market, Coron | Fish corral | 5 | 1 | 3.8 | 1 |
| Public Market, Coron | Hook & Line | 5 | 2 | 6.8 | 16 |
| Public Market, Coron | Troll line | 5 | 13 | 362.8 | 220 |
| Barangay Tagumpay | Bagnet | 6 | 37 | 5452.5 | 699 |
| Barangay Tagumpay | Bottom gillnet | 6 | 7 | 49.7 | 149 |
| Barangay Tagumpay | Multiple hook and line | 6 | 1 | 204 | 118 |
| Barangay Tagumpay | Spear gun | 6 | 11 | 857.4 | 634 |
| Public Market, Coron | Bagnet | 6 | 1 | 102 | 156 |
| Public Market, Coron | Bottom gillnet | 6 | 13 | 164.5 | 152 |
| Public Market, Coron | Bottom Set Gillnet | 6 | 3 | 140.6 | 88 |
| Public Market, Coron | Bottom set long line | 6 | 19 | 608.55 | 305 |
| Public Market, Coron | Crab Pot | 6 | 3 | 12.1 | 13 |
| Public Market, Coron | Drive-In-Gillnet | 6 | 7 | 376 | 708 |
| Public Market, Coron | Hook & Line | 6 | 3 | 34.85 | 49 |
| Public Market, Coron | Spear gun | 6 | 1 | 18.9 | 0 |
| Public Market, Coron | Squid Jigger | 6 | 1 | 2.7 | 0 |
| Public Market, Coron | Troll line | 6 | 14 | 331.05 | 129 |
| | | | 377 | 32482.4 | 9487 |

Table 2. Summary of Fisheries Data Collected in Masinloc, Zambales. (April to June 2018)

| landing_center | gear_desc | Mon | unl_boats | unl_catch | LF_SAMP |
|----------------------------------|-----------|-----|------------|----------------|--------------|
| Balago, Masinloc, Zambales | Ring net | 4 | 2 | 7000 | 1071 |
| Balaganon | Gillnet | 4 | 30 | 97 | 1136 |
| Matalvis Masinloc, Zambales | Ring net | 4 | 4 | 11000 | 1233 |
| Poblacion Port Masinloc Zambales | Bagnet | 4 | 50 | 880 | 1968 |
| Balago, Masinloc, Zambales | Ring net | 5 | 1 | 0 | 0 |
| Balaganon | Gillnet | 5 | 35 | 87.5 | 1438 |
| Matalvis Masinloc, Zambales | Ring net | 5 | 2 | 6000 | 670 |
| Poblacion Port Masinloc Zambales | Bagnet | 5 | 55 | 945 | 1881 |
| Balago, Masinloc, Zambales | Ring net | 6 | 0 | 0 | 0 |
| Balaganon | Gillnet | 6 | 29 | 60.4 | 616 |
| Matalvis Masinloc, Zambales | Ring net | 6 | 0 | 0 | 0 |
| Poblacion Port Masinloc Zambales | Bagnet | 6 | 42 | 548 | 1136 |
| | | | 250 | 26617.9 | 11149 |

Table 3. Summary of Fisheries Data Collected in Bolinao, Pangasinan. (April to June 2018)

| landing_center | gear_desc | Mon | unl_boats | unl_catch | LF_SAMP |
|-------------------------------|---------------------------|-----|------------|----------------|-------------|
| Arosan, Bolinao Pangasinan | Hook & Line | 4 | 1 | 57 | 9 |
| Arosan, Bolinao Pangasinan | Multiple hook and line | 4 | 3 | 9.56 | 41 |
| Arosan, Bolinao Pangasinan | Spear gun | 4 | 2 | 8.1 | 6 |
| Binabalian | Spear gun | 4 | 17 | 479.9 | 121 |
| Arosan, Bolinao Pangasinan | Fish corral | 5 | 9 | 247.9 | 334 |
| Arosan, Bolinao Pangasinan | Hook & Line | 5 | 18 | 83.49 | 80 |
| Arosan, Bolinao Pangasinan | Multiple hook and line | 5 | 11 | 56.12 | 220 |
| Arosan, Bolinao Pangasinan | Spear gun | 5 | 2 | 3.55 | 7 |
| Binabalian | Spear gun | 5 | 51 | 1826.1 | 510 |
| Arosan, Bolinao Pangasinan | Fish corral | 6 | 6 | 225.6 | 176 |
| Arosan, Bolinao Pangasinan | Hook & Line | 6 | 13 | 141.95 | 68 |
| Arosan, Bolinao Pangasinan | Multiple hook and line | 6 | 6 | 29.51 | 50 |
| Binabalian | Multiple hook and line | 6 | 1 | 172.5 | 8 |
| Binabalian | Spear gun | 6 | 36 | 1668.3 | 223 |
| | | | 176 | 5009.58 | 1853 |