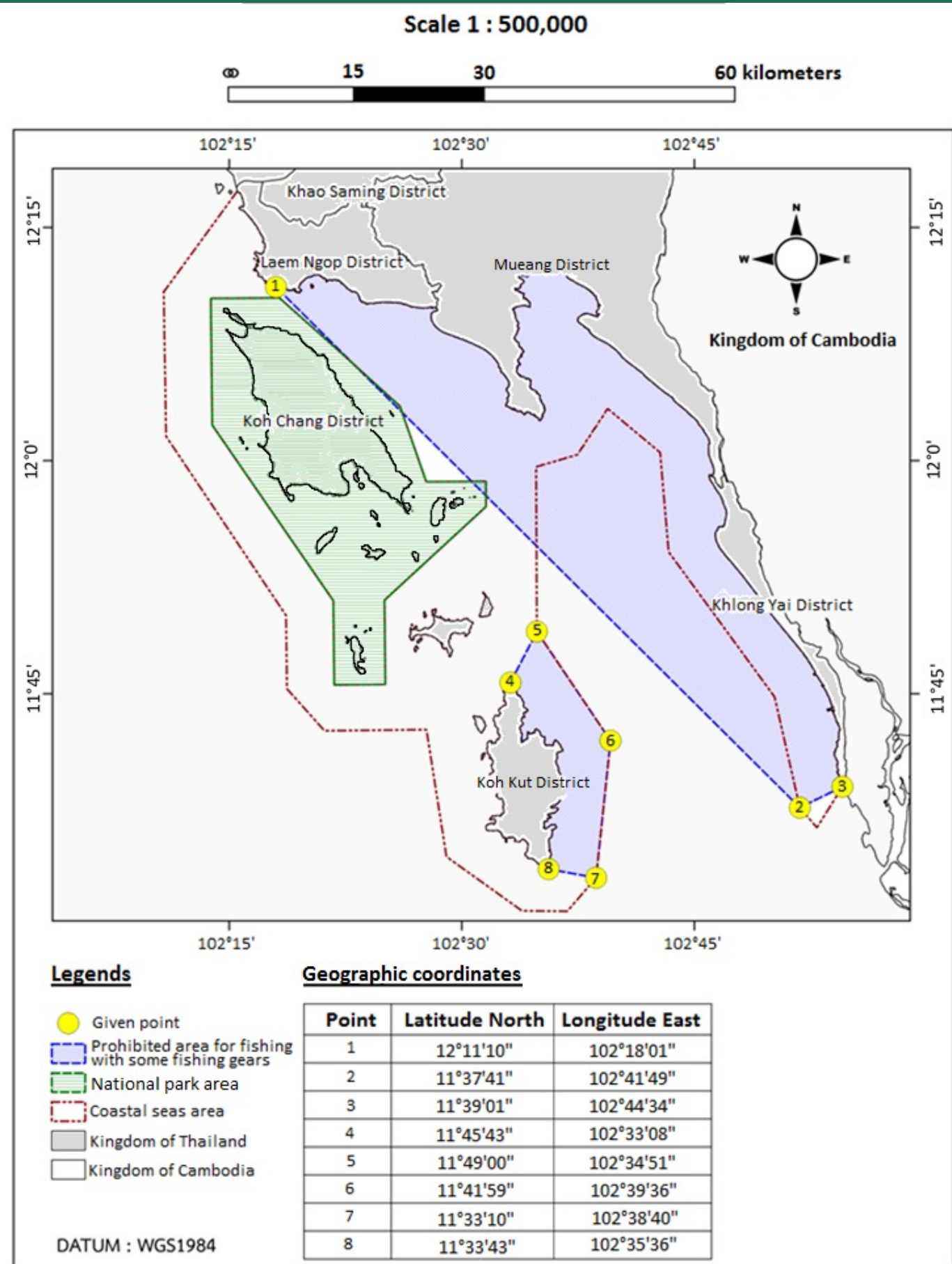


THAILAND

National Report on 31st December 2021 (for RSTC5)

PART 1: Status and Progress of Project Implementation as of 31 December 2021



Location: Trat Province

Target Species: Short mackerel (*Rastrelliger brachysoma*)

Estimated Refugia Size: 154,600 ha

Marine Habitat linkage:

coral	= 2,841 ha
mangrove	= 9,553 ha
seagrass	= 1,016 ha
Total	= 13,410 ha

Stakeholder

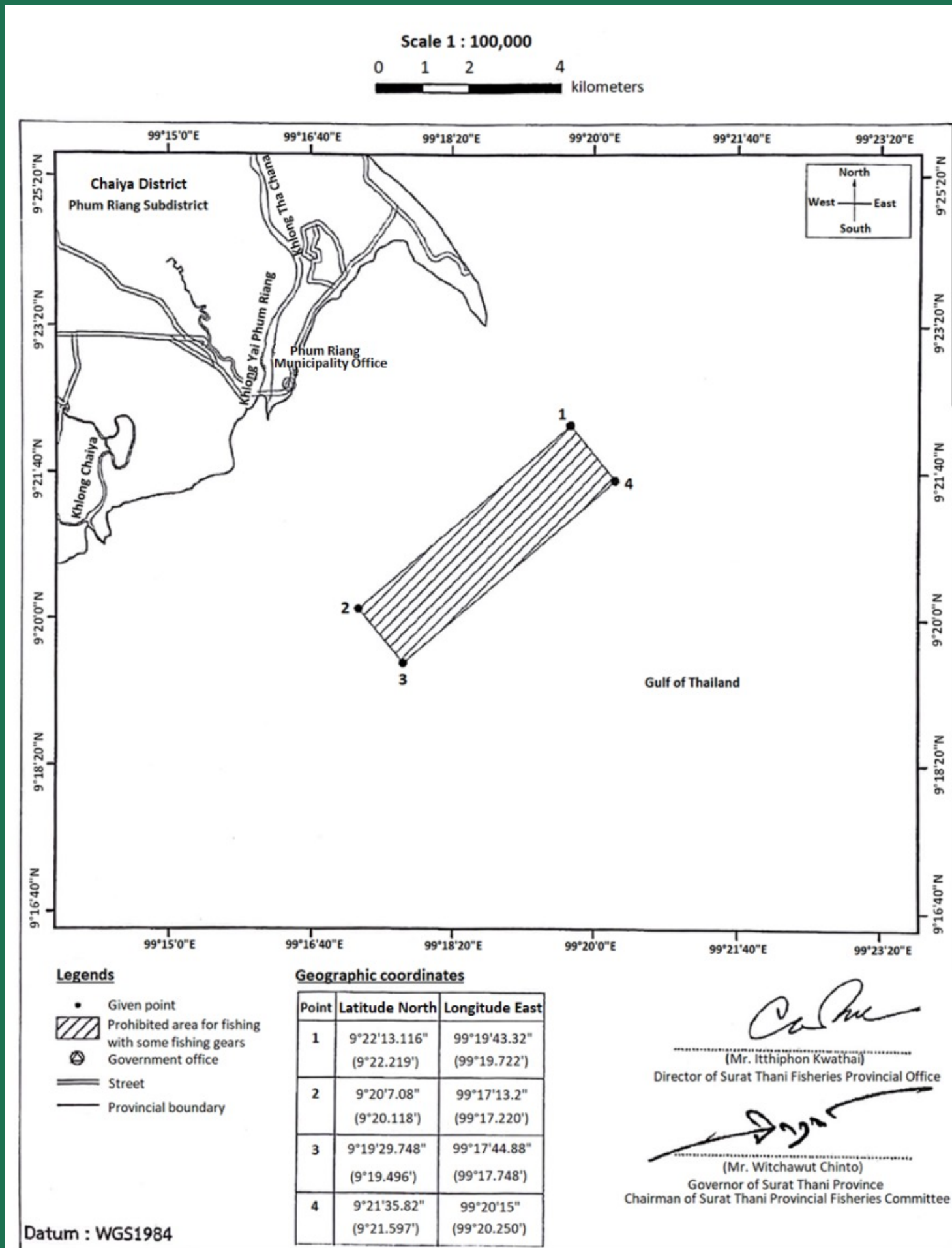
- Local Fishing Community Organizations in Trat Province
- Small - scale Fishing Groups in Trat Province
- Trat Fisheries Association
- Sustainable Development Foundation
- Department of Provincial Administration
- Department of Local Administration
- Department of Fisheries
- Department of Marine and Coastal Resources
- Department of National Parks, Wildlife and Plant Conservation
- Burapha University
- Rambhai Barni Rajabhat University
- Navy
- Representatives from commercial and small-scale fishers

Trat Province

Issues/problems: There was a disagreement on management planning regarding the restriction of gill net fishing during the critical period in the life cycle of short mackerel in Trat Fisheries Refugia Site.

Agreed Management Measures: No person shall use the following fishing gears fishing in some fishing grounds of Trat Province in 2 months during January to February every year.

- 1) Purse seines fitted to motor vessels
- 2) Paired trawl nets fitted to motor vessels.



Location: Surat Thani Province

Target Species: Blue swimming crab
(*Portunus pelagicus*)

Estimated Refugia Size: 900 ha

Marine Habitat linkage: mangrove = 2.94 ha
seagrass = 8.13 ha
Total = 11.07 ha



Stakeholder

- Local Fishing Community Organizations in Surat Thani Province
- Small-scale Fishing Groups in Surat Thani Province
- Surat Thani Trawl Fisheries Association
- Surat Thani Fisher Association
- Food Processing Enterprises
- Thai Frozen Food Association
- Department of Provincial Administration
- Department of Local Administration
- Department of Fisheries
- Department of Marine and Coastal Resources
- Walailak University
- Representatives from commercial and small-scale fishers
- Representatives from aquaculture farmers
- Seafood vendors
- NGOs (Forest and Sea for Life Foundation)

Surat Thani Province

Issues/problems: There was a lack of technical information focusing on the critical area (Koh Sed) including ecosystem and abundance of the priority species (blue swimming crab) in their young stages.

Agreed Management Measures: No person shall use the following fishing gears fishing in the fishing ground in coastal seas around the area of Koh Sed, Phum Riang Subdistrict, Chaiya District, Surat Thani Province

- 1) Crab traps
- 2) Crab gill nets of a mesh size less than 3 inches.

National policy, legal and regulatory frameworks in Thailand

In 2017, Royal Ordinance on Fisheries, B.E. 2560 (2017) According to the latest stakeholder consultations, it was agreed that Section 70 and Section 71 (1) in Chapter 5 – Conservation and Management Measures.

Trat and Surat Thani Sites, respectively. Contents of Section 70 and Section 71(1) are:

- **Section 70:** No person shall engage in a fishing operation during a season of aquatic animals' ovulation and egg - spawning, larvae rearing or during any other period of time designated for the protection of aquatic animals as prescribed by the Minister
- **Section 71 (1):** The Minister or the provincial fisheries committee shall have the power to issue notifications regarding the following: (1) fishing gears according to their forms, fishing methods, fishing areas, the size of fishing vessels used in fishing operation and other conditions that are prohibited from fishing operations in fishing grounds.

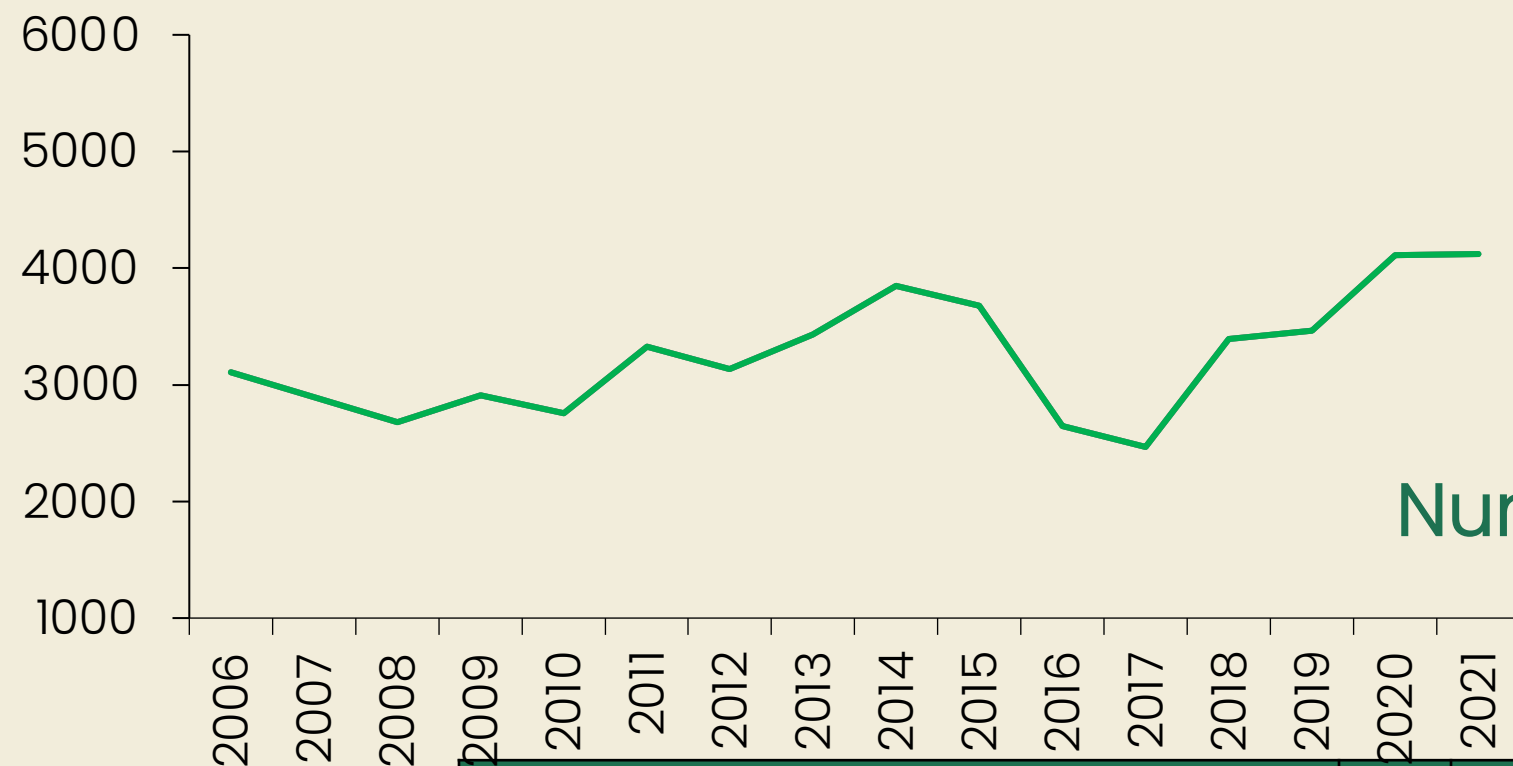
Willingness of fisheries and environment sectors to agree on Establishment of Fisheries Refugia

- Sharing country experience on changing of fisherfolk attitude.
- Sharing country experience on Gender Mainstreaming.
- Sharing country experience and proactive on Envi and social safeguards management.

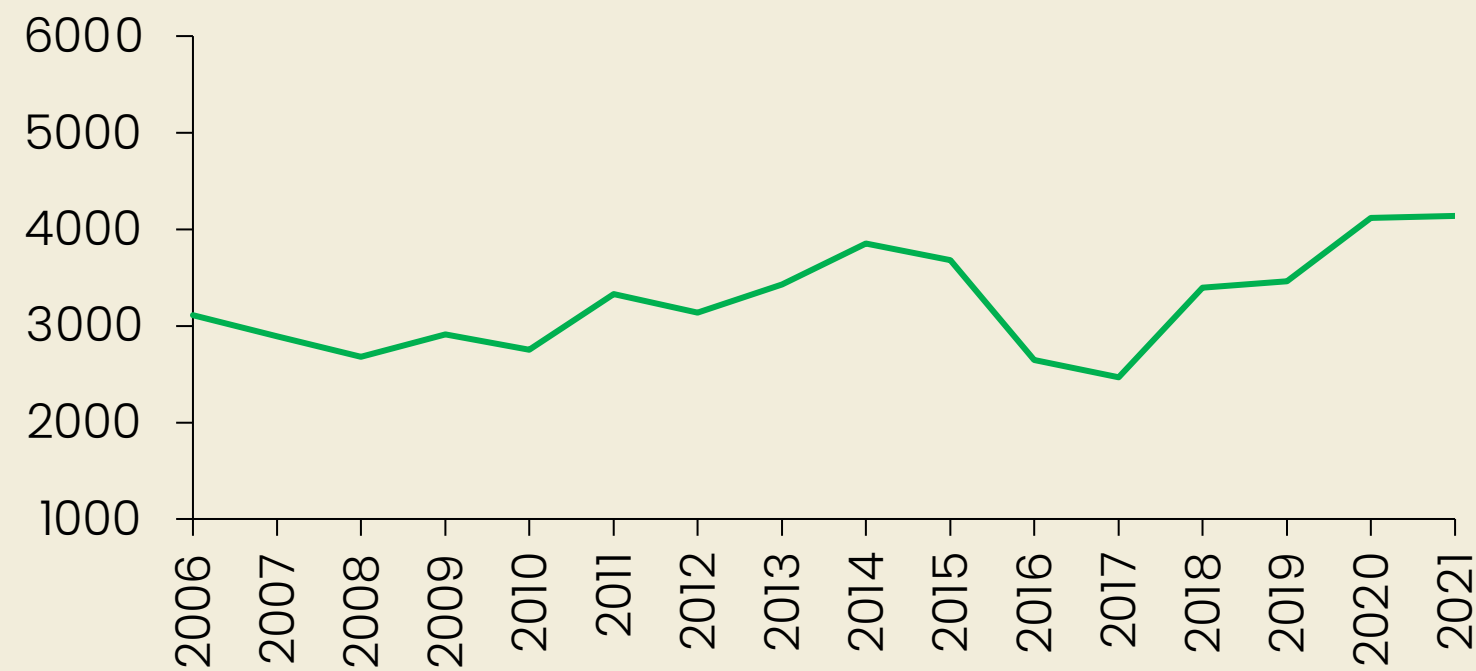


PART 2: Statistical Data

Number of fishing boat at refugia sites from 2006 – 2021 Site: Trat



Type of Boat	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
Otter board trawls	291	241	203	171	158	153	141	118	112	107	98	89	135	133	121	94
Pair trawls	8	8	8	8	6	2	2	4	4	4	4	4	4	4	4	4
Beam trawls	0	0	0	0	0	0	0	0	0	0	63	61	55	52	49	48
Surrounding nets	48	66	42	53	24	57	49	59	55	25	27	25	31	29	24	24
Anchovy surrounding nets	53	27	50	39	26	28	27	27	21	29	35	28	17	14	14	13
Spanish mackerel gill nets	6	4	5	10	36	38	40	45	62	49	0	0	4	4	0	0
Indo-Pacific mackerel gill nets	11	11	11	12	95	90	55	79	124	81	12	10	32	32	35	7
Crab gill nets	457	460	342	488	404	518	481	540	701	623	300	280	351	351	401	266
Shrimp trammel nets	834	722	593	711	600	758	729	777	1,011	1,130	420	390	511	511	512	803
Other gill nets	312	307	299	330	73	287	296	415	369	404	300	290	393	393	826	257
Squid falling nets	360	362	460	431	551	367	365	381	454	276	201	160	144	141	91	80
Anchovy falling nets	133	107	95	104	205	225	225	229	223	216	302	270	288	262	238	234
Other lift nets	1	0	1	0	0	0	0	0	0	0	0	0	0	0	51	0
Push nets	5	4	23	21	11	1	1	1	1	1	0	0	40	40	18	5
Other nets	0	0	0	0	0	0	0	0	0	0	40	39	41	39	50	0
Long line	84	84	9	6	9	34	34	55	85	105	48	47	29	27	47	52
Other gears	14	0	0	0	34	63	53	43	47	48	120	116	286	384	173	343
trap	372	372	418	410	405	463	396	414	343	343	435	429	200	235	505	575
dredges	18	18	18	18	18	18	18	18	18	18	15	5	39	35	18	19
Handline and hook & lines	100	100	100	100	99	224	224	224	220	220	224	224	792	776	937	1,297



Number of fishing boat at refugia sites from 2006 – 2021
Site: Surat Thani

Type of Boat	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
Otter board trawls	291	241	203	171	158	153	141	118	112	107	98	89	135	133	121	9
Pair trawls	8	8	8	8	6	2	2	4	4	4	4	4	4	4	4	29
Beam trawls	0	0	0	0	0	0	0	0	0	0	63	61	55	52	49	73
Surrounding nets	48	66	42	53	24	57	49	59	55	25	27	25	31	29	24	0
Anchovy surrounding nets	53	27	50	39	26	28	27	27	21	29	35	28	17	14	14	9
Spanish mackerel gill nets	6	4	5	10	36	38	40	45	62	49	0	0	4	4	0	0
Indo-Pacific mackerel gill nets	11	11	11	12	95	90	55	79	124	81	12	10	32	32	35	197
Crab gill nets	457	460	342	488	404	518	481	540	701	623	300	280	351	351	401	465
Shrimp trammel nets	834	722	593	711	600	758	729	777	1,011	1,130	420	390	511	511	512	277
Other gill nets	312	307	299	330	73	287	296	415	369	404	300	290	393	393	826	902
Squid falling nets	360	362	460	431	551	367	365	381	454	276	201	160	144	141	91	116
Anchovy falling nets	133	107	95	104	205	225	225	229	223	216	302	270	288	262	238	0
Other lift nets	1	0	1	0	0	0	0	0	0	0	0	0	0	0	51	0
Push nets	5	4	23	21	11	1	1	1	1	1	0	0	40	40	18	0
Other nets	0	0	0	0	0	0	0	0	0	0	40	39	41	39	50	0
Long line	84	84	9	6	9	34	34	55	85	105	48	47	29	27	47	48
Other gears	14	0	0	0	34	63	53	43	47	48	120	116	286	384	173	455
trap	372	372	418	410	405	463	396	414	343	343	435	429	200	235	505	554
dredges	18	18	18	18	18	18	18	18	18	18	15	5	39	35	18	23
Handline and hook & lines	100	100	100	100	99	224	224	224	220	220	224	224	792	776	937	981

Thank
you