



# **CAMBODIANATIONAL REPORT AS OF 30 June 2022**

**MR. LENG SYVANN**

**NATIONAL SCIENTIFIC AND TECHNICAL FOCAL POINT  
SEAFDEC/UNEP/GEF/FISHERIES REFUGIA PROJECT**

**6<sup>th</sup> REGIONAL SCIENTIFIC AND TECHNICAL COMMITTEE  
MEETING**

**4-6 July 2022**

**SEAFDEC/Training Department, Samutprakarn, Thailand**

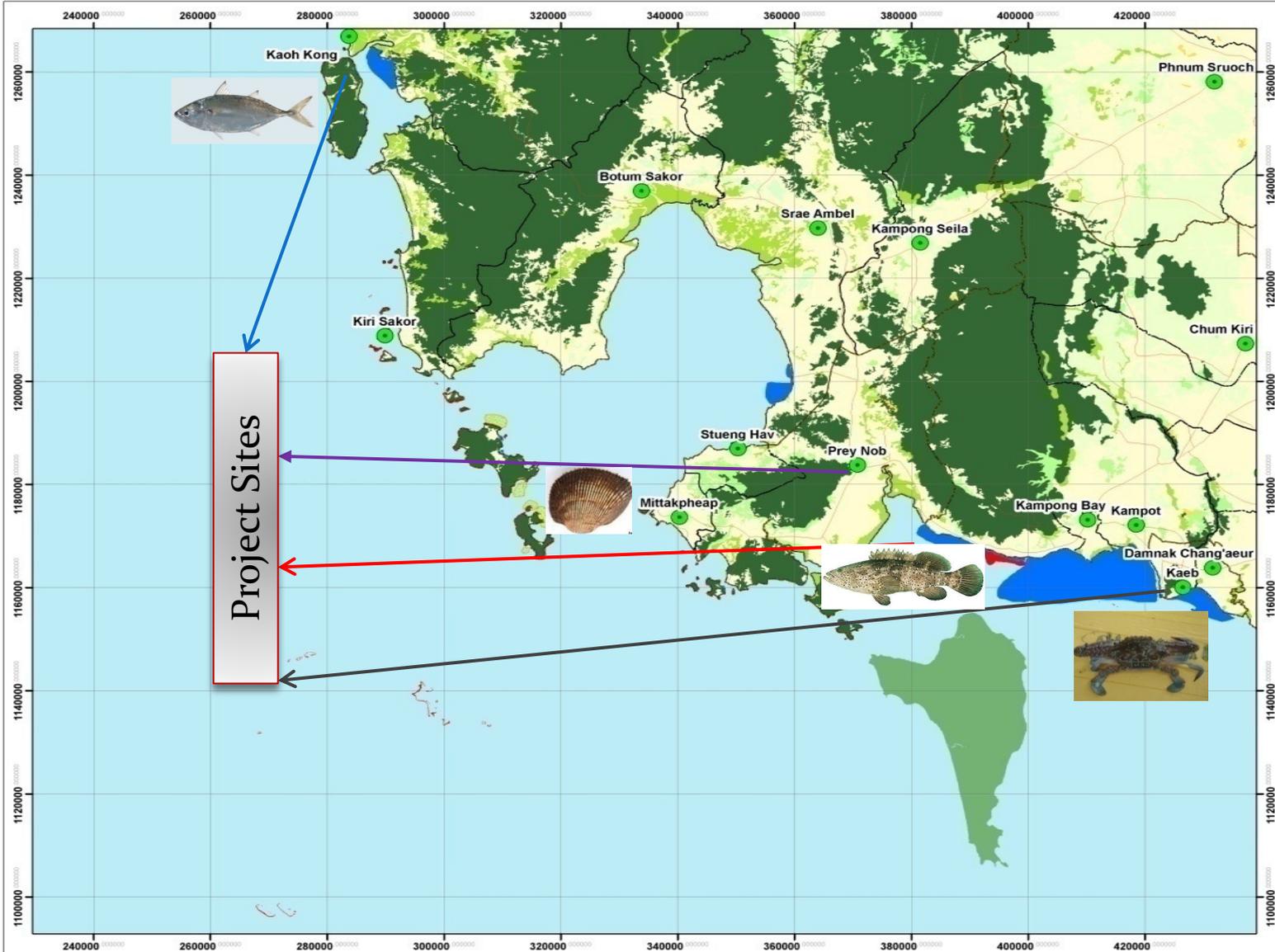


## **Content of Presentation**

- 1. Fisheries Refugia Project Site**
- 2. Establishment and Management Measurement of Fisheries Refugia**
- 3. Fisheries Refugia Management and Coordination Structure**
- 4. Legal Framework and Strategy plan for Fisheries Refugia Management**



# 1. Fisheries Refugia Project Site



ទីស្រុកជលផលសមុទ្រសំខាន់ៗ  
នៃវិស្វកម្មរុករានមន្ត្រីកម្ពុជា



រដ្ឋបាលជលផល

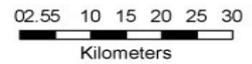
**កំណត់សំគាល់**

- ស្រុក
- ផ្លូវ
- ព្រំប្រទល់ស្រុក
- តំបន់ស្មៅសមុទ្រ
- តំបន់ផ្កាថ្ម
- តំបន់សេរសមុទ្រពងកូន

**Coordinate System:**  
 Projection : UTM  
 Zone : 48 N  
 Spheroid : Everest  
 Datum : Indian 1960  
 Unit : Meter



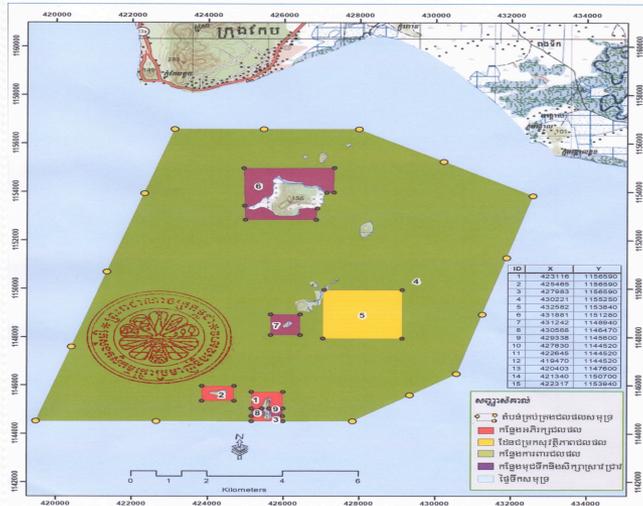
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## 2. ESTABLISHMENT AND MANAGEMENT OF FISHERIES REFUGIA

### 2.1 BACKGROUND OF FISHERIES REFUGIA IN KEP PROVINCE

ឧបសគ្គនៃប្រតិបត្តិការស្រាវជ្រាវ និងការគ្រប់គ្រងតំបន់ស្រាវជ្រាវ និងការគ្រប់គ្រងតំបន់ស្រាវជ្រាវ នៃតំបន់ស្រាវជ្រាវតំបន់ស្រាវជ្រាវ ខេត្តកែប



- Site Name: Marine Fisheries Management Area including Fisheries Refugia at Koh Po, Kep province
- Target Species: Blue Swimming Crab and Anchovy
- Total size: 11307ha
- Endorsed Date: 12 April 2018

#### ➤ SITE BASED MANAGEMENT BOARD FOR THE MARINE FISHERIES MAANAGEMENT AREA INCLUDING BSC REFUGIA

- Provincial Management committee (chaired by provincial governor and with various government agencies participations)
- Provincial Technical Working Group (chaired by provincial deputy governor and with various government agencies, NGOs, private sectors and communities participation)





# MANAGEMENT MEASURE OF MARINE FISHERIES MANAGEMENT AREA INCLUDING BSC REFUGIA IN KEP PROVINCE



Closed season of BSC starting from May to July, all kinds of fishing gears targeted catching crabs and negatively impact are prohibited

No closing season for Anchovy but only small scale fishing gears are allowed.

Deploying 345 concrete blocks into MFMA and refugia site in order to protect marine habitat and improve marine habitat and prevent illegal fishing activities

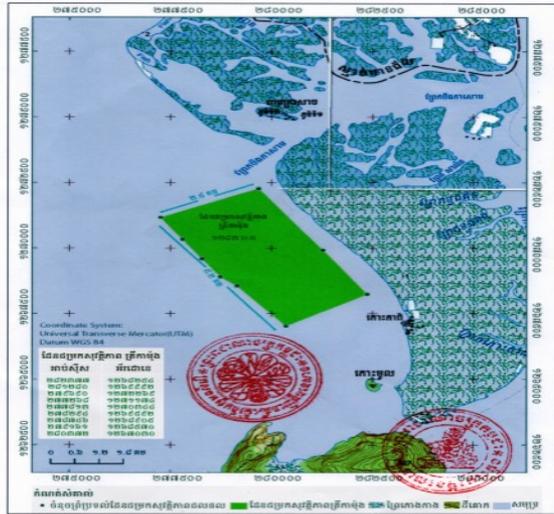
Disseminate a noticed letter during closed season of BSC starting from May to July through local media, facebook of provincial hall administration, and meeting with fishermen





## 2.2 BACKGROUND OF FISHERIES REFUGIA IN KOH KONG PROVINCE

ផែនទីតំបន់ការពារធនធានត្រីក្នុងតំបន់កោះកុង ឆ្នាំ២០១៩ ត្រូវបានអនុម័តដោយគណៈកម្មាធិការតំបន់ការពារធនធានត្រីក្នុងតំបន់កោះកុង



- Site Name: Mackerel Fisheries Refugia at Peam Krasob, Koh Kong Province
- Target Species: Short Mackerel
- Refugia Site Size: 1283ha
- Endorsed Date: 16 September 2019
- **SITE BASED MANAGEMENT BOARD FOR THE MARINE FISHERIES MAANAGEMENT AREA INCLUDING BSC REFUGIA**
  - Provincial Management committee (chaired by provincial governor and with various government agencies participations)
  - Provincial Technical Working Group (chaired by provincial deputy governor and with various government agencies, NGOs, private sectors and communities participation)





# MANAGEMENT MEASURE OF SHORT MAKEREL REFUGIA IN KOH KONG PROVINCE

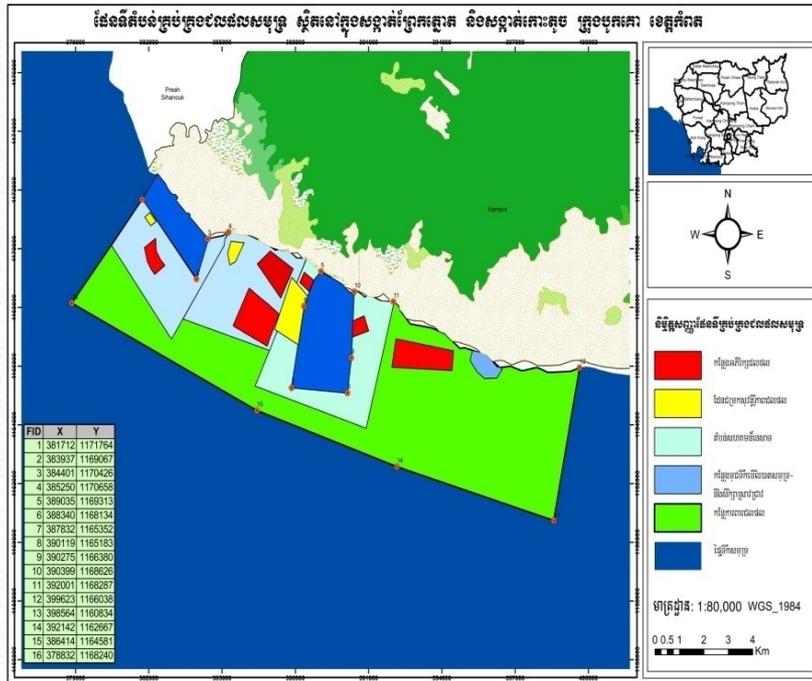


- ❖ Closed season of short mackerel starting from December to March and during that time, all kinds of fishing gears targeted short mackerel and negatively impact to mackerel are prohibited
- ❖ Patrolling, crack down illegal fishing, and stand by at the refugia site,
- ❖ Deploying 50 concrete blocks into fisheries refugia site in order to prevent illegal fishing at refugia site and to improve artificial habitats
- ❖ Disseminating a noticed letter on closed season of short mackerel starting from December to March





## 2.3 BACKGROUND OF FISHERIES REFUGIA IN KMAPOT PROVINCE



- Site Name: Marine Fisheries Management Area including Grouper Fisheries Refugia at Preaek Thnoat, Kampot Province
- Target Species: Grouper
- Estimated MFMA and Refugia Site Size: 8904ha including 284ha for juvenile grouper fisheries refugia area
- Endorsed Date: Not approved yet, on final discussion at provincial level especially outer boundary and zoning





## MANAGEMENT MEASURE OF MARINE FISHERIES MANAGEMENT AREA INCLUDING JUVENILE GROUPER REFUGIA IN KAMPOT PROVINCE



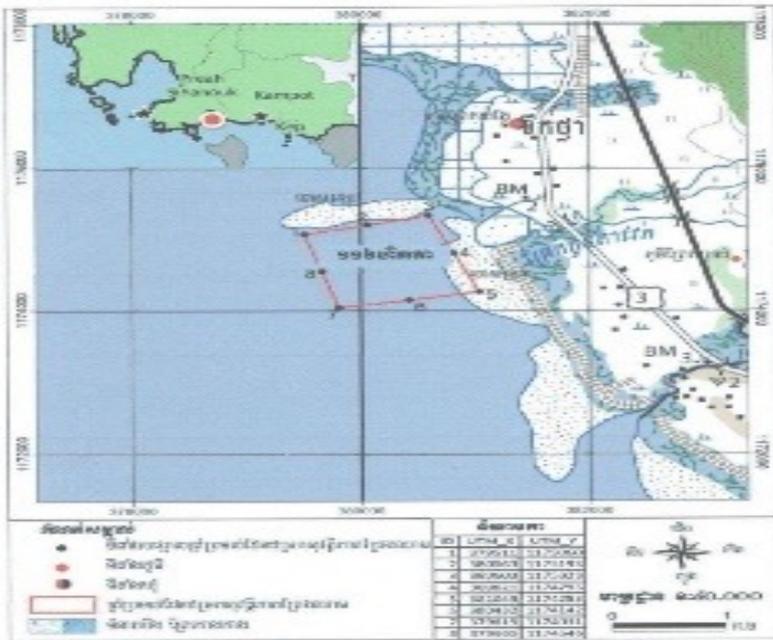
- ❖ Deploying 50 concrete blocks into fisheries refugia site in order to prevent trawler from fishing at refugia site and to serve as the artificial habitats for some key fish species and endangered species as well,



- ❖ Prohibit trawlers and gear with small mesh size within MFMA and refugia site,
- ❖ Even though the refugia site has not been endorsed but some activities have been carried out including patrolling and dissemination.

## 2.4 BACKGROUND OF FISHERIES REFUGIA IN PREAH SIHANOUK PROVINCE

ប្រតិបត្តិការងារស្រាវជ្រាវ និង ប្រតិបត្តិការងារអភិវឌ្ឍន៍ និងការគ្រប់គ្រងធនធានត្រីមាត់ទឹកសាប និងត្រីមាត់ទឹកខ្ពស់ ក្នុងតំបន់ ប្រាសាទស្រីសោយ



- Site Name: Blood Cackle Fisheries Refugia at Prek Sangke village, Tek Khlar commune, Prey Nob district, Preah Sihanouk province
- Target Species: Blood cockle (*Anadam granosa*)
- Refugia Site Size: 116ha
- Adorsed Date: 20 August 2020
- SITE BASED MANAGEMENT BOARD will be established
- Management plan will be formulated



## MANAGEMENT MEASURE OF BLOOD COCKLE REFUGIA IN PRAEH SIHANOUK PROVINCE

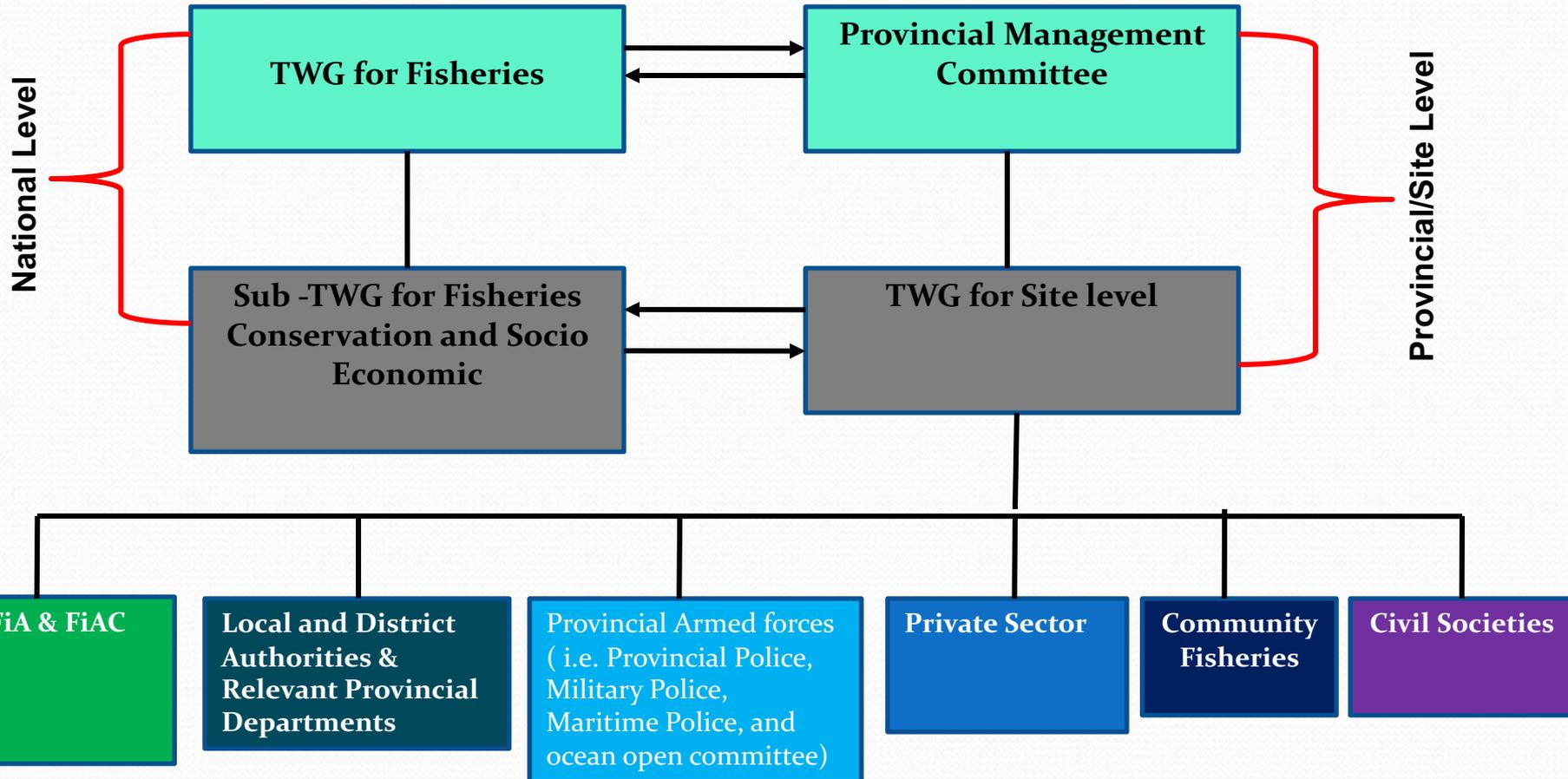


- ❖ Closed season of blood cockle fishing starting from June to October
- ❖ All kind of fishing gears targeted blood cockle are prohibited during closing season
- ❖ Only hand collection is allowed during open season
- ❖ Allow to collect blood cockle by hand during open season
- ❖ So far, 50 concrete blocks were deployed
- ❖ Demarcate the boundary of blood cockle refugia site





### 3. MANAGEMENT AND COORDINATION STRUCTURE



- At national level it, Technical Working Group (TWG) for Fisheries is chaired by Director General of FiA. Fisheries Refugia in sub-group of socio economic and conversation chaired by DDG of FiA .
- At provincial level, Provincial Management Committee (PMC) is chaired by Provincial Governor. Technical Working Group for Site chaired by Provincial Deputy Governor.

## 4. Legal Framework and Strategy plan for Fisheries Refugia Management



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

- Three proclamations on the establishment of the management area of fisheries refugia in Kep, Koh Kong, and Preh Sihanouk provinces have been adopted

- Three fisheries refugia profiles in Kep, Kampot, and Koh Kong province have been adopted

### FISHERIES REFUGIA PROFILE AND LANDING SITE IN KEP PROVINCE



Prepared by  
DEPARTMENT OF FISHERIES CONSERVATION  
FISHERIES ADMINISTRATION  
CAMBODIA



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

### FISHERIES REFUGIA PROFILE AND LANDING SITE IN KOH KONG PROVINCE

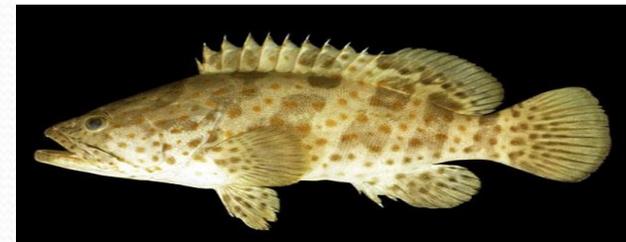


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CAMBODIA



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### FISHERIES REFUGIA PROFILE AND LANDING SITE IN KAMPOT PROVINCE



Prepared by  
DEPARTMENT OF FISHERIES CONSERVATION  
FISHERIES ADMINISTRATION  
CAMBODIA

## 4. Continue



Kingdom of Cambodia  
Nation Religion King



### 5-YEAR ACTION PLAN FOR MARINE FISHERIES MANAGEMENT AREA IN KOH PO AND KOH TONSAY ARCHIPELAGO, KEP PROVINCE (2020-2024)



- 5 year-Action Plan for Marine Fisheries Management Area including BSC refugia at Koh Po and Koh Tonsay Archipelago, Kep province has been officially approved and implemented
- National guideline for fisheries refugia management is a final draft , but it is needed to review it again before publishing
- National Action Plan for Fisheries Refugia Management is needed to consult and discuss more with relevant stakeholders at provincial and national level to finalize this document

December, 2019

## 4. Continue



The concept of fisheries *refugia* has been integrated into:

- National Plan of Action for Combating IUU Fishing
- Final draft of 10 year strategy plan for fisheries conservation,
- Marine Management Plan
- Included in the draft New Law on Fisheries Law as follows:
  - ❖ Article 15 and 16: Stated about type of Fisheries Management with inclusion of Fisheries Refugia (FR)
  - ❖ Article 17: Stated about Legal type to support the establishment of FR
  - ❖ Article 20: Stated about Where FR shall be established
  - ❖ Article 24: Stated about Restriction of fishing activities within FR
  - ❖ Article 126: Stated about Penalty (250\$ - 2500\$) and in some case the amount is double.

# 4. Continue



Leaflets on fisheries refugia has been published and distributed to participants during National Fish Day Ceremony on 1<sup>st</sup> July 2022.



**វិទ្យាសាស្ត្រស្រុកសុខភាពជលផលសមុទ្រ**



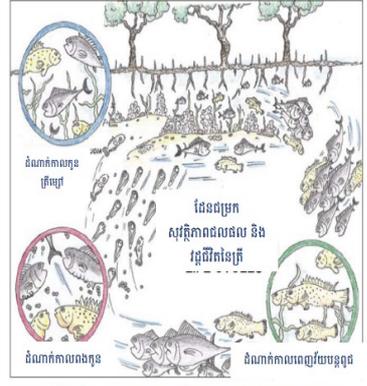
ទម្រង់នៃកម្រងគ្រប់គ្រងថ្មីមួយដែលមានឈ្មោះថា **វិទ្យាសាស្ត្រសុខភាពជលផលសមុទ្រ** ត្រូវបានទទួលស្គាល់ និងប្រើប្រាស់ ដើម្បីគ្រប់គ្រងធនធានជលផលសមុទ្រនៃបណ្តាប្រទេសក្នុងតំបន់សមុទ្រចិនភាគខាងត្បូង និងឈូងសមុទ្រថៃ។

**វិធីបង្កើនវិទ្យាសាស្ត្រសុខភាពជលផលសមុទ្រ**

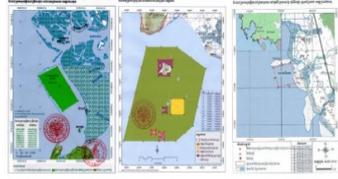
ជាកម្មវិស្វកម្មត្រូវបានកំណត់នៅក្នុងដែននេសាទសមុទ្រ ដើម្បីការពារប្រភេទធនធានជលផលជាគោលដៅ ក្នុងដំណាក់កាលវេជ្ជសាស្ត្រជលផលសមុទ្រ សម្រាប់ធានាបានការប្រើប្រាស់ប្រកបដោយនិរន្តរភាព។ នៅក្នុងដំណាក់កាលវិសេសនេះ ការវិវឌ្ឍនេសាទលើប្រភេទដែលកំពុងត្រូវបានការពារនោះ ត្រូវបានហាមឃាត់ ប៉ុន្តែសកម្មភាពនេសាទលើប្រភេទផ្សេងៗទៀតក្នុងទឹកដីនោះ ត្រូវបានអនុញ្ញាតជាធម្មតា ប្រសិនបើសកម្មភាពទាំងនេះមិនខាន ឬប្រភេទដែលកំពុងត្រូវបានការពារ។ ក្រោយមក ពេលវេលានៃការពារក្នុងដំណាក់កាលវិសេសនោះ ការនេសាទ នៃប្រភេទដែលជាគោលដៅ និងប្រភេទដទៃទៀតត្រូវបានអនុញ្ញាតជាធម្មតា ដោយស្របទៅតាមលិខិតបទដ្ឋានច្បាប់ជាធរមាន។

ជាទូទៅ ដែនជម្រកសុវត្ថិភាពជលផល គួរត្រូវបានប្រើប្រាស់សម្រាប់ការពារប្រភេទធនធានជលផលដែលជាគោលដៅក្នុងដំណាក់កាលវេជ្ជសាស្ត្រ ឬដំណាក់កាលវេជ្ជសាស្ត្រ ពីព្រោះថា បើយើង

ប្រភេទធនធានជលផលដែលកំពុងរងគ្រោះថ្នាក់ ជាពិសេសពួកជ្រូកទឹក សេះសមុទ្រ ត្នោត អណ្តើកសមុទ្រ ។ល។



09 ខែធ្នូ ដល់ ថ្ងៃទី៣១ ខែមីនា និងក្រុមសេះចាប់ពីថ្ងៃទី០១ ខែឧសភា ដល់ ថ្ងៃទី៣១ ខែកក្កដា ព្រមទាំងចុះត្រួតពិនិត្យ ល្បាត និងបង្ក្រាបបទល្មើសនេសាទ ដែលអាចកើតមានឡើងក្នុងទឹកដីដែនជម្រកសុវត្ថិភាពជលផល។ ដោយឡែក ប្រភេទក្រុងឈាមត្រូវបានហាមឃាត់ការនេសាទក្នុងដែនជម្រកសុវត្ថិភាពជលផលនៅកូមីសង្កែ ឃុំទឹកថ្លា ស្រុកព្រៃនប់ ខេត្តព្រះសីហនុ ចាប់ពីថ្ងៃទី០១ ខែមិថុនា ដល់ ថ្ងៃទី៣១ ខែតុលាជាដៀងគ្នា។



**ការបញ្ជូននូវវិទ្យាសាស្ត្រសុខភាពជលផលសមុទ្រក្នុងបណ្តាប្រទេសខ្មែរ**

ដែនជម្រកសុវត្ថិភាពជលផលបានក្លាយជាឧបករណ៍នៃការគ្រប់គ្រងនិងអភិរក្សធនធានជលផលសមុទ្រ ដែលត្រូវបានទទួលស្គាល់ដោយថ្នាក់ជាតិ ថ្នាក់ក្រោមជាតិ និងសហគមន៍មូលដ្ឋាន។ ដោយយល់ឃើញពីសារៈប្រយោជន៍នេះ គោលគំនិតនៃដែនជម្រកសុវត្ថិភាពជលផល ត្រូវបានដាក់បញ្ចូល ទៅក្នុងសេចក្តីព្រាងច្បាប់ជលផលថ្មី នៃកម្មវិធីស្រុកសុខភាពជលផល (២០១៩-២០២៩) សម្រាប់អភិរក្សជលផល និងផែនការគ្រប់គ្រងធនធានជលផលសមុទ្រ។ ការបញ្ចូលទៅក្នុងប្រកាសច្បាប់នេះ គឺមានគោលដៅក្នុងការអនុវត្តច្បាប់ឱ្យបានពេញលេញ ដើម្បីធានាដល់ការគ្រប់គ្រងដែនជម្រកសុវត្ថិភាពជលផលឱ្យកាន់តែមានប្រសិទ្ធភាពថែមទៀត។



Thank you very much for your attention

