

Fishery Management Plan (FMP)

by

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19 September 2018

Title:

Fishery Management Plan for Small Pelagic in the South China Sea Area

Vision

- To exploit and manage small pelagic resources sustainably**

Glossary

- **Provide definitions for key terms used in the management plan to ensure that readers interpret the plan correctly.**

i.e **Small pelagic –
MSY –**

Background

Description of the fishery:

- Map to show the geographical area of the fishery
- Jurisdictional (local, provincial, national, regional) boundaries,
- General ecosystem/habitats that the fishery operates
- Seasonality associated with the fishery's operation
- Gears used (PS, GN)
- Targeted species

History of fishing and management

- Provide a brief description of the past development of the fishery in terms of fleets, fishing effort, the gear used, the people and communities involved, etc.
- Provide a summary of previous management plans (if any) for the fishery and, in subsequent versions, any amendments to previous versions.

Current status of the fishery's resources

- Summarize the status of the various stocks exploited by the fishery (**Kobe Plot**) – whether they are estimated to be overfished, fully fished, underfished, or whether the status is undetermined

Socio-economic benefits of the fishery, including postharvest:

- Outline the value of the fishery in terms of its landings and where the catch is sold (i.e. locally or exported).
- Describe how the catch is handled, processed, marketed and utilized.

Stakeholders

- Describe the main **stakeholders involved** in the fishery (e.g. the fishers involved, associated or dependent industries, conservationists, adjacent fisheries, artisanal fisheries, recreational fishers) and their interests.
- Detail other **uses and users** of the **ecosystem**, especially activities that could, or are, causing significant impacts or conflicts. Outline current arrangements for coordination and consultation processes with stakeholder groups (engagement)

Any special environmental considerations for the fishery

- Details of critical habitats, any particularly sensitive areas and endangered species interactions (dolphin).

Institutional aspects

- Describe the **current legislative background** of the fishery, existing jurisdictional arrangements, roles and responsibilities.
- Detail the **decision-making process**, including recognized stakeholders and government departments, the nature of **any rights granted** in the fishery, details of those holding the rights and their responsibilities. Describe current, **scientific research and MCS arrangements**. Outline the current **consultation process** that has led to the need to develop this plan and how the current development of the plan is to proceed

Major issues for management

- Describe the various **management issues** that the plan needs to address.
- These are the issues that have been identified and prioritized using the **risk assessment and stakeholder consultation processes** . These may include conflict between fleet segments, overcapacity, an unprofitable trawl sector, growth overfishing, various bycatch issues, habitat impacts, ecosystem impacts, IUU fishing, the exploitation of low-value fish, impacts of management on supporting and tangential industries, ghost fishing and other unidentified mortalities

Management goals

- Agree (two or three priorities) goals that represent the outcomes you want from addressing the issues

Management objectives

- Describe the specific objectives of the plan. These need to address the high priority issues identified above. They also need to be able to be addressed by management measures

Indicators and Benchmarks (Performance measures)

- For each objective, and associated measure(s), there should be:
 - 1) The indicator(s) that need to be monitored
 - 2) A clear description of current benchmarks
 - 3) How to measure the achievement (or failure) of the management plan in meeting the objective.
- There is a need to be realistic when developing these: avoid locking in timeframes that may be difficult to achieve.

Management measures

- This should therefore be the **largest part of the Management Plan** and will be an assemblage of measures
- For each measure, specify: 1) the components of the measure; 2) the time frame(s) by which it will be implemented. 3) the agency, group and/or individual(s) responsible for its implementation; 4) the information required to monitor these indicator(s).
- Examples of measures might be the nature, extent and timing of spatial closures to trawling to achieve objectives concerning artisanal conflicts, bycatch issues, etc.; the design of gear modifications designed to reduce discarding or interactions with ETP species; the design of a capacity reduction scheme; and/or a fishing effort limitation programme, etc.

Implementation arrangements

- **Legal basis and financing:** Legislative requirements, basis in law, official recognition, resourcing and funding needs and sources.
- **Committees:** Structure of the steering committees, advisory committees, consultative committees and their various roles and responsibilities; the membership descriptions of these committees (e.g. four commercial fishers, one environmental representative, one management representative, one scientist, one economist, etc.) and the roles and responsibilities of each member; the process for appointment of members; the responsibilities of the various agencies, governments and institutions involved. Training and education requirements and how to deliver them.
- **Information and monitoring:** Data collection and MCS requirements and responsibilities (i.e. the information outlined in Sections 6 and 7 of these guidelines).
- **Review and update:** Frequency, nature and format of ongoing and periodic reviews, feedback loops, audits and updates of the plan.
- **Communication of the plan:** This section would also include a description of any [communication strategy](#) concerning the plan and/or the management of the fishery, including details of [outreach mechanisms](#), roles and responsibilities of individuals with respect to media liaison, and the associated [resourcing requirements](#).