



Food and Agriculture
Organization of the
United Nations

NPFC 10th Scientific Committee Meeting | 16-19 December 2025 | Nagoya, Japan

NPFC-2025-SC10-OP08

FIRMS

FISHERIES AND RESOURCES
MONITORING SYSTEM

Status of the NPFC – FIRMS partnership

Related to Agenda item 11 - Cooperation with other organizations

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FIRMS Secretariat, December 2025

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Outline

- **Main outcomes of the FIRMS FSC14 meeting (30 June - 4 July 2025)**
- **NPFC data contribution in FIRMS**
- **Some key points on the updated FAO State of Stocks Index (SoSI)**
- **The new FIRMS secretary**

FIRMS Steering Committee - 14th Session

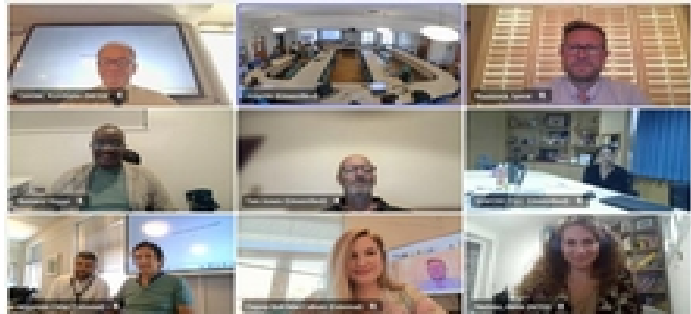


FIRMS Steering Committee Meeting
Fourteenth Session
Copenhagen, Denmark, 30 June, 1 and 4 July 2025

In presence and online Participants representing fourteen of the nineteen FIRMS Partners, along with two FAO's associated members, two collaborative institutions, and three observer organisations.



Hosted by the International Council for the Exploration of the Sea (**ICES**) and **chaired** by Mr Darius Campbell from the North-East Atlantic Fisheries Commission (**NEAFC**).



Summary

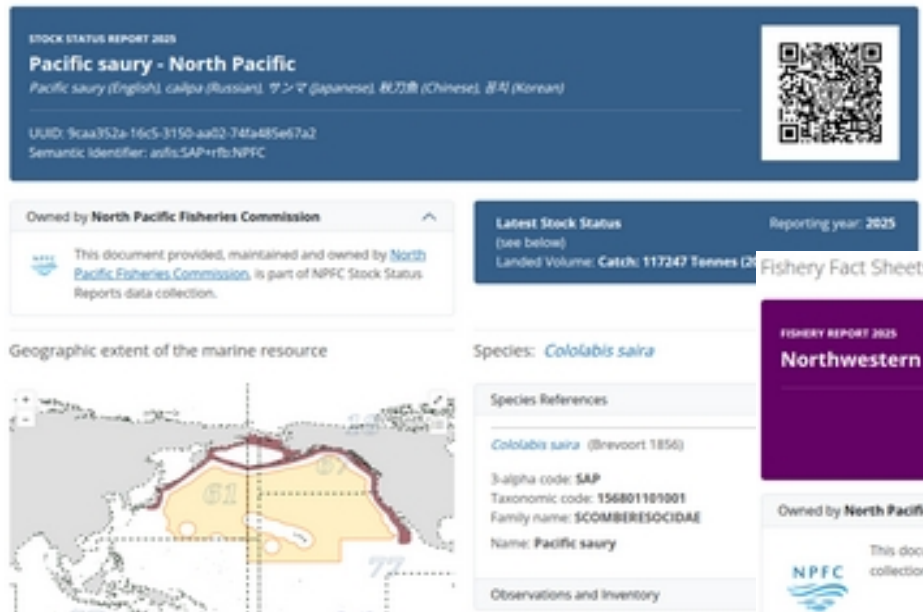
- **Strategic Expansion:** Welcomed the **Bay of Bengal Programme (BOBP-IGO)** as a new partner to enhance coverage in the Indian Ocean and Pacific regions. Two observer organizations with interest to join (**WCPFC**) or collaborate (**OECD**).
- **State of Stocks Index (SoSI):** Reviewed a new methodology based on B/Bmsy indicators, endorsed **biennial data calls**, and noted that FIRMS partners now contribute 30% of the stocks in the global SoSI list.
- **Product Progress:**
 - **Global Record of Stocks and Fisheries (GRSF):** Increased approved records, completed the Areas Database, and implemented Universally Unique IDs (UUIDs) to support SoSI.
 - **Global Tuna Atlas (GTA):** Achieved data harmonization with three tuna RFMOs and agreed upon a formal **annual data call**.
- **Standardization:** Adopted a revised **Deep-sea fisheries (DSF)** definition and agreed to map partner reference points to standard SoSI thresholds (Overfished, Maximally Sustainably Fished, Underfished).
- **Future Directions:** Established a dedicated Working Group to develop guidelines for the **responsible use of Artificial Intelligence (AI)** within FIRMS.
- **Governance:** Acknowledged the retirement of Secretary Marc Taconet, re-elected Chairperson Darius Campbell, and selected **BOBP-IGO (India)** to host the next session (FSC15, 2027).

NPFC data contribution in FIRMS

North Pacific armorhead	English – North Pacific armorhead, Russian – кабан-рыба, Japanese – クサカリツボダイ, Chinese – 胸五棘鯛, Korean – 북방돔돔
Splendid alfonsino	English – splendid alfonsino, Russian – низкотелый берикс, Japanese – キンメダイ, Chinese – 红眼金鯛, Korean – 빛금눈돔
Pacific saury	English – Pacific saury, Russian – сайра, Japanese – サンマ, Chinese – 秋刀魚, Korean – 공치
Neon flying squid	English – Neon flying squid, Russian – Кальмар Бартрама, Japanese – アカイカ, Chinese – 柔鱼, Korean – 빨강오징어
Japanese flying squid	English – Japanese flying squid, Russian – тихоокеанский кальмар, Japanese – スルメイカ, Chinese – 太平洋褶柔鱼, Korean – 살오징어
Chub mackerel	English – Chub mackerel, Russian – Японская скумбрия, Japanese – マサバ, Chinese – 鲐鱼, Korean – 고등어
Blue Mackerel	English – Spotted mackerel, Blue mackerel Russian – пятнистая скумбрия, Japanese – ゴマサバ, Chinese – 澳洲鲐, Korean – 망치고등어
Japanese sardine	English – Japanese sardine, Russian – Дальневосточная сардина, Japanese – マイワシ, Chinese – 拟沙丁鱼, Korean – 정어리
Sablefish	English – Sablefish, Black cod, Russian – Угольная рыба, Japanese – ギンダラ, Chinese – 裸盖鱼, Korean – 은대구
Skilfish	English – Skilfish, Russian – эрилепис или морской м, Japanese – アブラボウス, Chinese – 白斑裸盖鱼, Korean – 큰은대구

- NPFC **stocks and fisheries inventory** updated (2025)
- Published **10 Stocks** fact sheets (Rep. Year 2025, Ref. Year 2023)
- Published **8 Fisheries** fact sheets (Rep. Year 2025, Ref. Year 2020 - 2019)

Marine Resources Fact Sheets



STOCK STATUS REPORT 2025

Pacific saury - North Pacific

Pacific saury (English), calpa (Russian), サンマ (Japanese), 秋刀魚 (Chinese), 공치 (Korean)

URD: 9caa352a-16c5-3150-aad2-74fa485e67a2
Semantic Identifier: asdc:SAP+rfb:NPFC

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Latest Stock Status (see below)
Landed Volume: Catch: 117247 Tonnes (2025)

Reporting year: 2025

Geographic extent of the marine resource

Species: *Cololabis saira*

Species References

Cololabis saira (Bleeker 1856)

3-alpha code: SAP
Taxonomic code: 156801101001
Family name: SCOMBERESOCIDAE
Name: Pacific saury

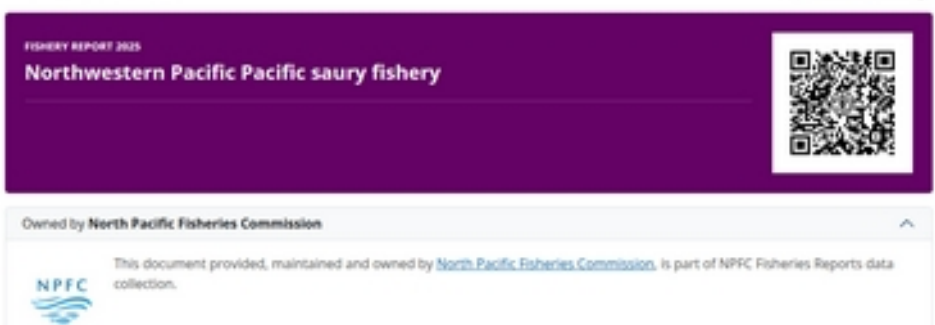
Observations and Inventory



Fishery Fact Sheets

← Back to Search Page

Fishery Fact Sheets



FISHERY REPORT 2025

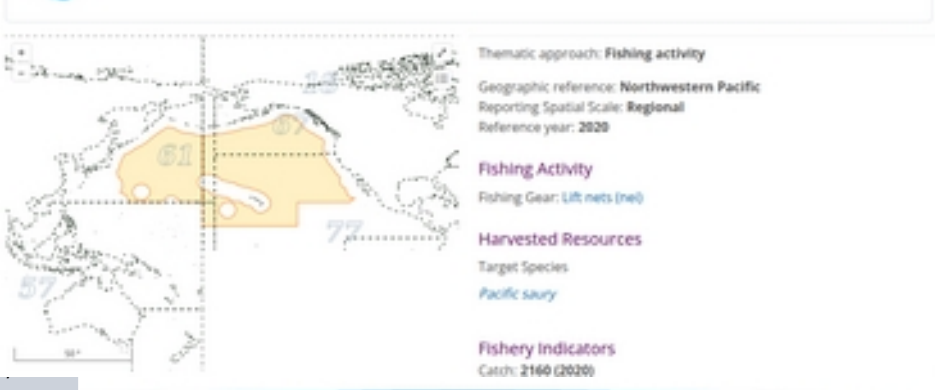
Northwestern Pacific Pacific saury fishery

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Marine Resources	Fisheries
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North Pacific armorhead	Bottom trawl fishery - Northwestern Pacific 61, 71
Splendid alfonsino	Bottom gillnet fishery - Northwestern Pacific 61, 71
Pacific saury	Bottom longline fishery - Northwestern Pacific 61, 71
Neon flying squid	Seamount long-line fishery - Northeastern Pacific 67, 77
Japanese flying squid	Pacific saury fishery - Northwestern Pacific 61, 71
Chub mackerel	Chub mackerel fishery - Northwestern Pacific 61, 71
Blue (spotted) mackerel	Neon Flying Squid fishery - North Pacific NPFC
Japanese sardine	Japanese Flying Squid fishery - North Pacific NPFC
Sablefish	Japanese sardine fishery - Northwestern Pacific 61, 71
Skilfish	Skilfish fishery - Northwestern Pacific 61, 71



Thematic approach: Fishing activity

Geographic reference: Northwestern Pacific

Reporting Spatial Scale: Regional

Reference year: 2020

Fishing Activity

Fishing Gear: Lift nets (net)

Harvested Resources

Target Species

Pacific saury

Fishery Indicators

Catch: 2160 (2020)

Supporting FAO SOFIA State of Stocks Index (SoSI) biennial updates

FAO SOFIA Global Fish Stocks Status Monitoring - The new SoSI methodology and data flow

A synoptic evaluation of what a regions fish stock status maybe, as well as an overall indicator of how the global state of fish stocks is progressing with respect to MSY-based reference points.

Improvement should include: (1) better/updated coverage of global fisheries; (2) more accurate / precise assessments; and (3) more transparent frameworks and reports.

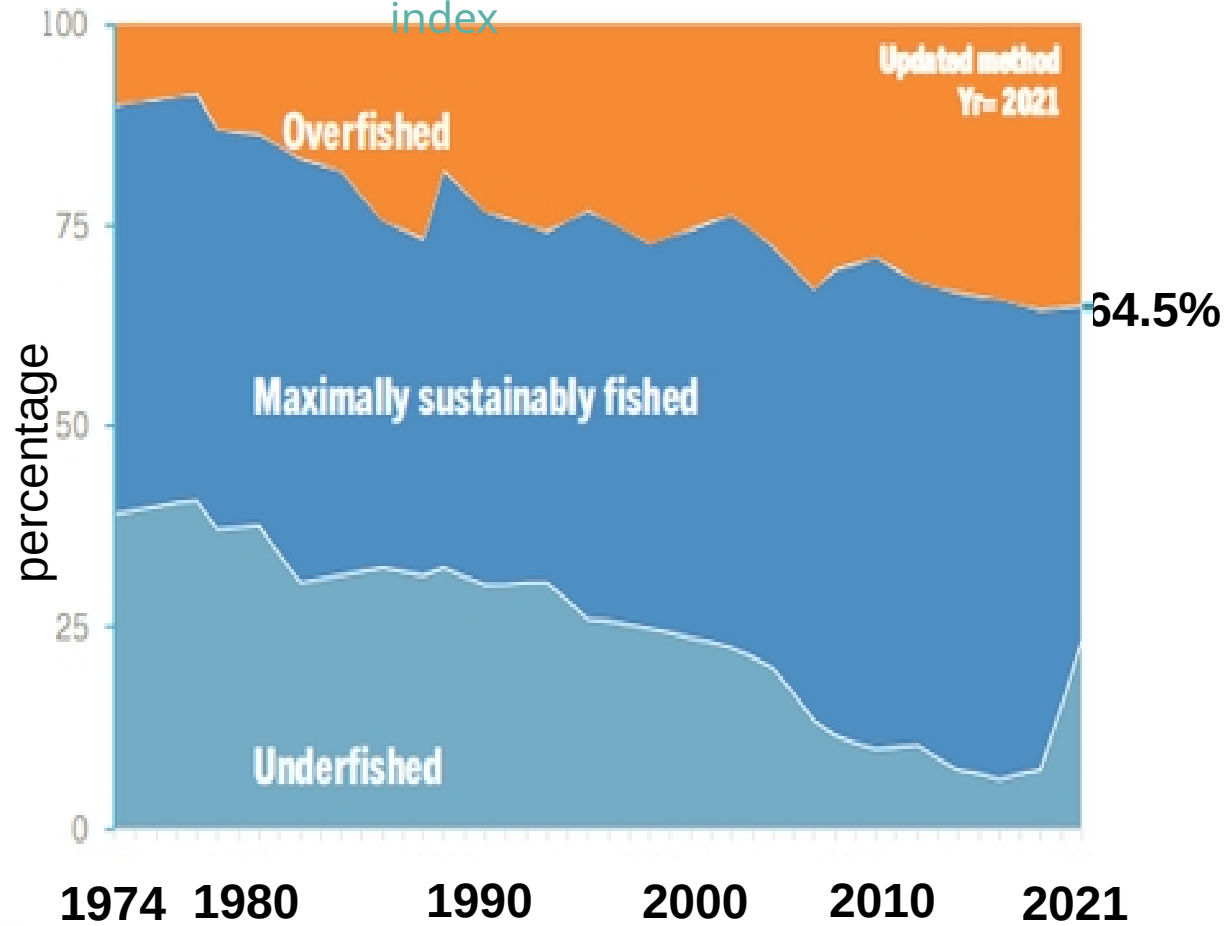
Data used

- From National and RFBs databases, FAO SDG 14.4.1 questionnaire, regional and national experts,
- Reliability categories for stock status (Tiers)
- Tier 1: Assessment Output/SDG 14.4.1 *[Tier1 Reported Assessment from country or RFB]*
- Tier 2: Unassessed Stocks – Catch data from FAO FishStatJ *[Tier2 SRA+ Type; catch and auxiliary data]*
- Tier 3: Weight of evidence stocks, economic, social, interviews etc. *[Tier3 Limited data and auxiliary info (Expert judgement)]*

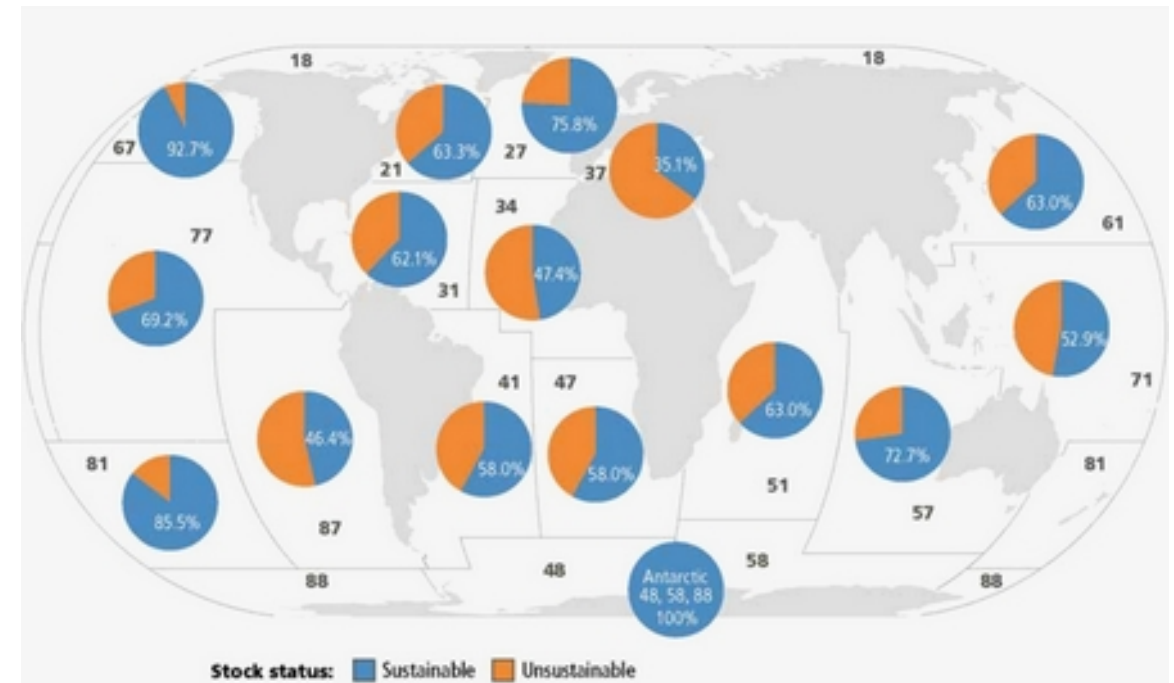


Comprehensive overview of global and regional marine fisheries resources, supporting policy and management strategies for long-term sustainability of fisheries

Global State of Stocks
index



Regional
index



FAO State of Stocks Index describes status and trends of fish stocks with respect to MSY-based reference point

Regional fisheries bodies



Questionnaire

FAO SDG
14.4.1



Other sources -
regional workshops on
stock status (2023-24)

Periodic collation of stock-by-stock status
builds upon 3 major dataflows:

- 23 RFBs report through FIRMS data calls
- 100 Countries report through SDG1441 data calls
- ad hoc complementary workshops where it is necessary to address gaps

SOFIA

State of Stocks
Index



Other News from FIRMS

FIRMS new Secretary

Dr Rishi Sharma, FAO Senior Fishery Officer

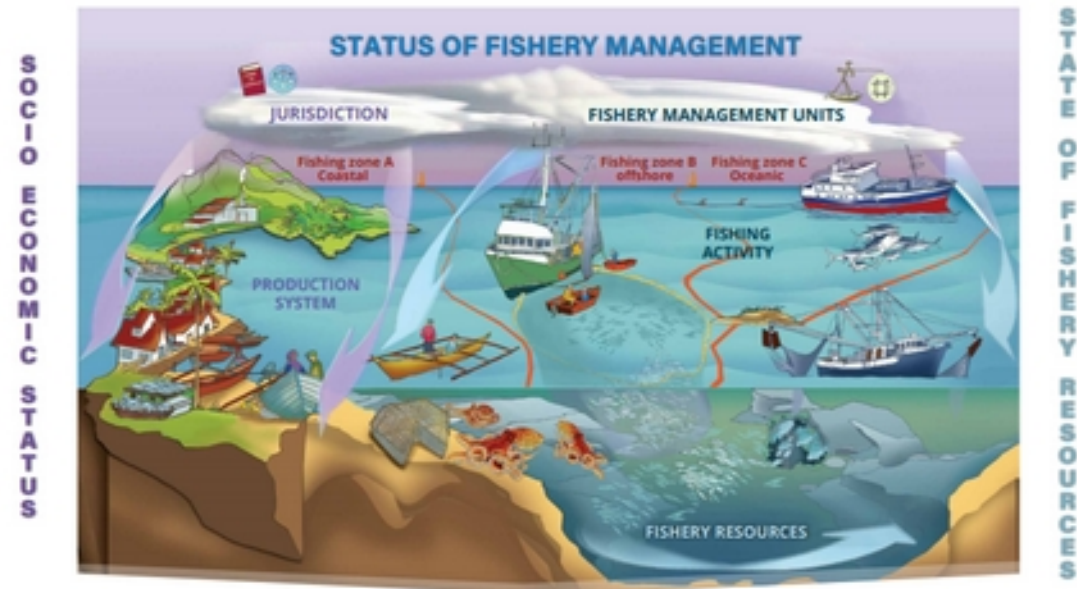
Senior Fisheries Officer at the Food and Agriculture Organization (FAO) in the Fisheries and Aquaculture Division.

- *He served as the Lead Technical Officer (LTO) for the ABNJ Projects and the EAF Nansen Projects, guiding efforts toward sustainable fisheries management and ecosystem-based approaches.*
- *He is also the lead developer of FAO's global stock status metric and the Sustainable Development Goal (SDG) 14.4 target on sustainable fisheries, alongside a variety of stock assessment and capacity-building initiatives within FAO.*
- *25+ years of experience in assessment, science and management (IOTC, ICCAT, NOAA, CRITFC, UW).*





<https://www.fao.org/3/cc4342en/cc4342en.pdf>



<https://firms.fao.org>



<https://openknowledge.fao.org/handle/20.500.14283/cd5538en>



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Thank you ▪ Merci
Благодарю ▪ ¡Muchas gracias!
謝謝 ▪ شكرا

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